

Power

Ref: APML/EMD/MOEF/EC/129/11/21

Date: 18/11/2021

To.

Additional Principal Chief Conservator of Forest (APCCF) Ministry of Environment, Forest & Climate Change Regional Office (WCZ), Ground Floor, East Wing. New Secretariat Building, Civil Line, Nagpur-440001 (MH).

Sub: Six Monthly Compliance Status report of Environmental Clearance of Tiroda Thermal Power Plant for Phase- I & II along with Environmental Monitoring reports- Reg.

Ref: Environmental Clearance letter J 13011/4/2008-IA.II (T) dated 29.05.2008 & EC Amendment letter no. J-13011/4/2008 -IA II (T) dated: 21/03/2012. Letter No. J-13012/81/2008-1A-II (T) dated - 22.04.2010 & EC Amendment Letter no. J-13012/81/2008 - IA II (T) dated: 30/03/2012 & 13/03/2014

Dear Sir.

With reference to above subject, please find enclosed herewith Six-Monthly Environmental Clearance (EC) compliance status report along with environmental monitoring results like Ambient Air Quality, Stack Emission, Water Quality, Noise level, Soil, CAAQM, CEMS data, Met data, Green belt development and CSR reports etc. for the period of April'2021 to September'2021 in hard & soft (e-mail).

This is for your kind information & record please.

Thanking you

Yours faithfully,

for Adani Power Maharashtra Limited

(Santosh Kumar Singh) Head- Environment

Encl: As above

cc: Member Secretary

Central Pollution control Board

Parivesh Bhavan, East Arjun Nagar Kendriya Paryavaran Bhawan

New Delhi- 110 032.

The Regional Officer,

Maharashtra Pollution Control Board

Regional Office, 5th Floor

Udyog Bhawan, Civil Lines, Nagpur - 440001

Member Secretary,

Maharashtra Pollution Control Board

Kalpataru Point, 2nd - 4th floor, Mumbai-22

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COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCES

3300 (5X660) MW THERMAL POWER PLANT PHASE – I & II

At

TIRORA, DISTRICT GONDIA MAHARASHTRA

Submitted to:

MINISTRY OF ENVIRONMENT, FOREST & CLIMATIC CHANGES



Submitted By:

Environment Management Department Adani Power Maharashtra Limited

Plot NO: A -1, Tirora Growth Centre MIDC, Tirora, Gondia – 441911 (M.H)

PERIOD: APRIL 21 - SEPTEMBER 2021

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1.0 Introduction

Adani Power Maharashtra Ltd, (APML), a wholly owned company of Adani

Power Limited has established 3300 MW (5 x 660) Coal-based Thermal Power

Plant at Tiroda, District Gondia in Maharashtra in two phases as below:

Phase I: 2 x 660 MW

Phase II: 3 x 660 MW

The plant site is located at Tiroda Growth Centre of MIDC (Maharashtra

Industrial Development Corporation) developed area near Tiroda, District

Gondia in Maharashtra. The Villages, Gumadhawara, Khairbodi, Chikhali, Churdi,

Bhiwapur, Kachewani and Mendipur, surround the site. The power plant is

based on supercritical, energy efficient & environment friendly technology.

APML has been granted Environmental Clearances from Ministry of

Environment & Forest, Consent to Establish & Consent to Operate from

Maharashtra Pollution Control Board for phase I & II (Unit 1, 2, 3, 4 & 5). As a

part of the compliance of statutory requirements, environmental quality

monitoring is being done regularly at locations suggested by Sub-Regional

Officer, MPCB, Bhandara on the basis of micrometeorological parameters. Also,

three nos. of Continuous Ambient Air Quality Monitoring System have been

established in three different locations inside the plant boundary as per wind

rose and suggested by SRO, MPCB Bhandara. Also third party lab (M/s Enviro

Analyst & Engineers Pvt. Ltd, Mumbai) carried out, environmental monitoring &

analysis for the power plant.

Point wise compliance status of Environmental Clearance for Phase -1 & 2 is

furnished herewith.

- 2 -

Compliance status on Environmental Clearance

(Phase -1: 2 X 660 MW Coal based Thermal Power Plant)

LETTER NO.J-13011/4/2008-1A-II (T) DATED 29.05.2008 and

Subsequent amendement in Environmental Clearance vide LETTER NO.J-13011/4/2008-1A-II (T) DATED 21.03.2012

Sr. No.	Conditions	Compliance Status
(i)	The total land requirement for the project shall be restricted to 210 ha.	Complied. The project has undergone expansion. The total area has changed and the same has been approved by MoEF. The total area required for all two phases is 565.84 ha.
(ii)	Sulphur and ash content in the coal to be used in the project shall not exceed 0.5 % and 29.57 % respectively.(Amendment dt. 21.03.2012)	Being Complied. Sulphur & ash contents are below 0.5 % and 29.57 % respectively.
(iii)	A bi-flue stack of 275 m height shall be provided with continuous online monitoring equipment's for SOx, NOx and Particulate matter. Exit velocity of flue gases shall not be less than 22 m/sec.	Bi-flue Stack containing two flues of phase-I of 275 meters is installed with On-line monitoring equipment for SO ₂ , NOx & PM. Exit velocity of flue gas is more than 22m/sec.
(iv)	High efficiency Electrostatic Precipitator (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm ³ .	Highly efficient Electro Static Precipitators (ESPs) with efficiency of 99.93 % have been installed for each boiler to meet particulate emission less than 50 mg/Nm3. Monitoring report enclosed as Annexure – I. PG test carried out for effective operation of ESPs from M/s. Vardan Envirolab, Gurugram (Haryana.) Please refer Annexure - XII
(v)	Space provision shall be kept for retrofitting of FGD, if required at a later date.	Noted. Space for installation of FGDs have been provided since construction stage. As per MoEF&CC's Notification dated 31st March 2021, Tiroda TPP is falling under Category "C" Non- retiring TPP and the timelines for compliance of SO2 emission is up to December 2024. Accordingly, the work is under progress for FGD installation.
(vi)	Adequate dust extraction system such as cyclones /bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	Adequate air pollution control measures such as dust extraction system (bag filters followed by Cyclone) in the coal crusher and coal conveying transfer points (JNTs). Rain gun type dust suppression system in coal yard and dry fog type dust suppression system in belt conveyor have been provided.
(vii)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided and its utilization to the maximum extant shall be ensured. 100% fly ash utilization shall be ensured from 5 th year onward. Unutilized fly ash shall be disposed off in the ash pond in the form of High Concentrated Slurry and the bottom ash in conventional slurry mode.	Fly ash silos (06) established to collect dry ash for further utilization. High Concentration Slurry Disposal system also installed. Rail line facility established for transportation of dry ash by rail to various cement manufacturers. In FY 2020-21 more than 100% ash utilized i.e. 120.12 %.
(viii)	Ash pond shall be lined with HDPE lining. Adequate safety measures shall also be	Being complied. Well design ash dyke with LDPE lining has

	implemented to protect the ash dyke from getting breached. Guard drains shall be provided all along the periphery of the ash dyke to avoid contamination of soil and surface water in case of run-off.	been established as per the guidelines of MoEF&CC, CEA & CPCB. Adequate safety measures are being taken for any unforeseen incidents. Guard drains & guard pond established.
(ix)	Water requirement shall not exceed 36 MCM/year. No ground water shall be extracted for this power project including during construction phase.	Complied. This quantity is adequate to meet the plant's requirement. Monthly water consumption report is being submitted regularly to Board. Water allocation from Wainganga River is for 70 MCM for both phases, However, Comprehensive water audit has been conducted by "Academy of Water Technology Environ Management" Kolkata in technical collaboration Indian Institute of Social Welfare and Business Management (IISWBM) – Kolkata. (Please refer XIV).
(x)	Closed cycle cooling system with cooling towers shall be provided. Cycle of concentration (COC) of at least 5.5 shall be adopted and the effluents treated as per the prescribed norms.	Being complied. COC of 5.5 is being maintained.
(xi)	The treated effluents confirming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon for storm water. Arrangements shall be made that effluents and storm water do not get mixed.	All the effluent treated adequately & treated water is being reused within the plant. The concept of "Zero Discharge Condition" implemented except during monsoon period. Separate drainage network established for storm water.
(xii)	A sewage treatment plant shall be provided and the treated sewage shall be used for raising green belt/plantation.	Sewage Treatment Plants have been installed & treated water reused suitably within the plant premises for green belt development.
(xiii)	Rainwater harvesting should be adopted. Central Ground water Authority / Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	Rain Water Harvesting study carried out & report submitted to Regional Director, Central Ground Water Board, Nagpur & Member Secretary- Central Ground Water Authority, New Delhi. Rainwater harvesting structures have been constructed within the plant to store the rain water for further uses.
(xiv)	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Details of these measures along with location plant layout shall be submitted to Ministry as well as to the regional Office of the Ministry at Bhopal.	Adequate safety team with safety measures is available in the plant site to take preventive control measures. Fire hydrant and rain gun type water sprinklers established in the coal yard. Copy of control measures and locations in plant layout have been already submitted.
(xv)	Storage facilities for liquid fuel such as LDO to be used as auxiliary fuel in the project shall be made in the plant area where risk is minimum to the storage facilities. Adequate assessment of risk management shall be made in the Disaster management Plan for the same. Mock drills shall be conducted regularly as plan. Necessary clearance as may be applicable to such storage under HSM Rules	The fuel LDO properly stored in minimum risk area & as per the norms. Storage location approved by the Chief Controller of Explosive. Disaster management plan and On-site emergency plan prepared & Mock drills are being conducted periodically.

	shall be obtained.	
(xvi)	Regular monitoring of ground water in and around the ash pond area shall be carried out, records maintained and periodic reports shall be furnished to the Regional Office of this Ministry.	Regular monitoring of ground water carried out around ash pond area. Monitoring results are being submitted to Regional Officer, MoEF &CC and MPCB regularly. Please Refer Annexure – I.
(xvii)	A green belt of adequate width and density shall be developed around the plant periphery covering at least 69.64 ha of project area preferably with local species.	Green belt development/ plantations are being carried out on available land. Our efforts are being made to develop more greenery in and around plant premises. We have already established our nursery to develop saplings for afforestation & horticultural activities. Besides this, we have also developed lawn & gardens to create aesthetic view inside the plant premises. Green belt/plantation developed in 258 ha land which is more than the norms of 33% of total land area. Please Refer Annexure – VI.
(xviii)	A plan for conservation of fauna reported in the study area shall be prepared in consultation with State Forests and Wildlife Department within 3 months and shall be implemented effectively.	Complied. Conservation plan of Fauna in the study area was prepared in consultation with State Forest dept. and submitted to Wildlife warden, Govt. of Maharashtra with compliance report. Biodiversity Policy has been formulated to protect the local Flora & fauna. We are the member of India Business & Biodiversity Initiative (IBBI). Various migratory birds have been observed inside the plant premises (Refer Annexure – IX). We have engaged third party experts for Biodiversity Assessment.
(xix)	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First Aid and sanitation facility provided for the drivers and contract workers during construction phase.
(xx)	Leq of Noise levels emanating from gas and steam turbines shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as steam & gas turbines etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.	Necessary actions have been taken care to maintain Ambient Noise levels within 75 db(A) during plant operation. The personal protective equipment's have been provided to workers & employees working in noisy areas. Noise level monitoring is being carried out regularly and reports submitted to MoEF & CC, CPCB & MPCB. A complete medical checkup with audiometric test of workers & employees are being carried out as per frequency. Please refer Annexure –I & IA
(xxi)	Regular monitoring of ground level concentration of SO ₂ , NOx, SPM and RSPM shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports (six monthly) shall be submitted to the Regional Office of this	Regular monitoring of PM10, PM2.5, SO2 & NOx are being carried out as per frequency & monitoring results are well within the norm. Monitoring results are being submitted to MPCB monthly. Ambient Air Quality monitoring stations established in consultation with Sub- Regional Officer, MPCB. Please refer Annexure -I & IA

	Ministry.			
(xxii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Compl Copy good	of the same already sub	omitted to your
(xxiii)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Manag Manag Engine Enviro establ Param emissi	ave already established gement Dept. headed ger & supported by eers, Chemist & nmental laboratory ished to monitor Environ eters for Ambient Air on monitoring etc.	d by General Environmental Horticulturist. has been nmental Quality , Water, Stack
		EMS Integra Enviro	nmental lab is Accredite O/IEC 17025:2017 which	mented under System. Our d with NABL as
(xxiv)	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry/Regional Office/CPCB/SPCB.	regula The sa compl 2021 f	nonthly compliance reportly to MoEF, CPCB & MP ame has been sent by iance report was submored to MoEFCC/MPCB/CPCE APML/EMD/MoEF/EC/1, 2021.	CB. email also. Last nitted in May - er '20 to March 3 vide our letter
(xxv)	Regional Office of the Ministry of Environment & Forests located at Bhopal will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.	APML Enviro MoEFG Compl	Complied. is regularly submitting nment Clearar CC/CPCB/MPCB. iance status is also //parivesh.nic.in adanipower.com on com	uploaded on and
(xxvi)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the applicant protection measures shall not be	enviro Budge	ate fund has been alread nmental protection. It details for pollution of 21 – 22 is as below (in L	ontrol measure .akhs):
	environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the	No	Particulars Pollution control equipment O &M	Cost (in Lac.) 5512.54

	Ministry.	2	Pollution Monitoring	99.00
		3	,Study and analysis Green belt Development	310.2
		4	Rural Development/CSR	417.83
		5	Legal & consent fees	379.85
		6	Training & Awareness	3.3
		7	Waste Management	9116
			Total	15838.72
(xxvii)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Comp	lied.	
(xxviii)	Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Bhopal /the CPCB/the SPCB who would be monitoring the compliance of environmental status.	Scien Regio	lways extend full coop tists/Officers from th nal Office of the Ministry /the SPCB etc.	ne Ministry /
(xxix)	The project proponent shall upload the status of compliance of the conditions stipulated in the environmental clearance issued vide this Ministry's letter of even no. dated 30.03.2007, in its website and uploaded periodically and also simultaneously send the same by e-mail to the Regional Office of the Ministry of Environment and Forests.	submi same Comp	monthly Environmen liance status report itted to MoEF, CPCB a is sent by email also. liance status updated te. www.adanipower.com	is regularly and SPCB. The on Company's
(xxx)	Criteria pollutant levels including NOx, RSPM, (PM10 & PM2.5), Sox (from Stack & ambient air) shall be regularly monitored and results displayed in your website and also at the main gate of the power plant.	SOx (ia pollutant viz. NOx, f from Stack & Ambient nuous monitored and yed at the main gate	Air) are being I results are

Compliance Status of Environmental Clearance (Phase- II (3X660) MW THERMAL POWER PLANT)

LETTER NO.J-13012/81/2008-1A-II (T) DATED 22.04.2010) & Subsequent Amendment

LETTER NO. J - 13012/81/2008- IA.II (T) dated 30.03.2012 and LETTER No. J-13012/81/2008-IA.II (T) dated 13.03.2014

SL.	CONDITIONS	COMPLIANCE
NO.		COMPENSION OF THE PROPERTY OF
(i)	Only one unit of 1 x 660 MW shall be run on 100% domestic coal for which coal linkage from SECL is available and the other two units of 2 x 660 MW shall be run purely on imported coal, as per details in Para 2.	MoEF vide letter no. J-13012/81/2008-1A-II (T) dtd. 13.03.2014 has amended the condition for change of source of coal to indigenous Coal from subsidiary companies of "Coal India Limited" in place of Imported coal.
(ii)	Separate stacking arrangement shall be made for indigenous and imported coal.	EC is amended and the source of coal is domestic. Separate stacking/storage arrangement is not required.
(iii)	In case source of fuel supply is to be changed at a later stage for the 2 x 660 MW the project proponent shall come back to the ministry as the appraisal presently was done based on imported coal for 2 x 660 MW unit.	APML requested the MoEF&CC for Change of source of coal to indigenous Coal from subsidiary companies of "Coal India Limited" in place of imported coal. The EAC of MoEF considered our proposal on October 10, 2013 & January 9-10, 2014 respectively and subsequently the Environmental Clearance condition amended for change of coal source from imported to domestic/indigenous on 13/03/2014.
Α	Water & Waste Water Management	
(iv)	No ground water shall be extracted for use in operation of the power plant even in lean season	Being Complied. We have already obtained permission from water resource department Govt. of Maharashtra for withdrawal of 70 MCM water for both phases from Wainganga river. The above quantity is adequate to meet the plant's requirement including lean season. However, Comprehensive water audit conducted by "Academy of Water Technology Environ Management" Kolkata in technical collaboration Indian Institute of Social Welfare and Business Management (IISWBM) – Kolkata. (Please refer XIV).
(v)	No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up / operation of the power plant	Complied There is no water body within plant premises.
(vi)	Minimum required environmental flow suggested by the Competent Authority of the State Govt. shall be maintained in the Channel / Rivers (as applicable) even in lean season.	Complied. Water allocation is from Dhapewada Irrigation Project constructed and maintained by Vidarbha Irrigation Development Corporation. APML has no role in regulating the water flow downstream.
(vii)	Hydro-geological study of the area shall be reviewed annually and results submitted to the Ministry and concerned agency in the	Quality of ground water is being monitored in and around the plant premises. Ground water level in nearby villages is also being monitored to

	State Govt. In case adverse impact on ground water quality and quantity is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken	know the seasonal fluctuations. CSIR - NEERI, Nagpur engaged to carry out Hydro-geological study & review from 2019 - 2022. Hydrogeological review report for pre & post monsoon seasons enclosed as Annexure - XI.
(viii)	Closed cycle cooling system with induced draft cooling towers shall be provided and COC of at least 5.5 shall be adopted.	5.5 COC is being maintained.
(ix)	The treated effluent confirming to the prescribed standards only shall be recirculated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon. Arrangements shall be made that effluent and storm water do not get mixed.	Effluent treatment plant installed within the plant and treated water is being utilize/reuse within the premises to meet "Zero Discharge". Separate drainage system established for storm water.
(x)	Effluent from the desalination plant shall be first treated in a guard pond before discharged, if applicable.	Not Applicable The desalination plant is not required
(xi)	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	Complied. Sewage Treatment Plants have been installed and treated water is being suitably reused within the plant premises for green belt development.
(xii)	Rainwater harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	Rainwater Harvesting study carried out & report submitted to Regional Director, Central Ground Water Board, Nagpur & Member Secretary, Central Ground Water Board, New Delhi. Rain water harvesting practices adopted within the plant area.
(xiii)	Regular monitoring of ground water shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of the Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Being Complied. Regular monitoring of ground water quality including heavy metals is being carried out regularly in and around the project area. Piezometric wells are established around the ash pond area. Records are maintained and the same are submitted to Regional office of the Ministry at Nagpur. Please Refer Annexure – I.
В	Air Pollution Control	
(xiv)	Provision for installation of FGD shall be provided.	Noted. Space for installation of FGDs have been provided since construction stage. As per MoEF&CC's Notification dated 31st March 2021, Tiroda TPP is falling under Category "C" Non-retiring TPP and the timelines for compliance of SO2 emission is up to December 2024. Accordingly, the work is under progress for FGD installation.
(xv)	High Efficiency Electrostatic Precipitator (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg / Nm3.	ESP with efficiency of 99.93% (ESPs of 10 fields) installed for each boiler to meet permissible norm for particulate emission of less than 50 mg / Nm3. PG test carried out for effective operation of ESP from M/s. Vardan Envirolab Jaipur please refer

		Annexure - XII
(xvi)	Adequate dust extraction system such as cyclones /bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	Complied. Adequate air pollution control measures such as dust extraction system (Cyclone followed by bag filters) in coal crushers and rain gun type dust suppression system in coal yard and dry fog type dust suppression system in the belt conveyor with insertable dust collector at transfer points have been installed to meet particulate matter emission within the norms.
(xvii)	Green Belt consisting of 3 tiers plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width Shall be raised and adequate justification shall be submitted to the ministry. Tree density shall not be less than 2500 per ha with survival rate not less than 70%.	Green belt development/ plantations are being carried out on available land. Our efforts are being made to develop more greenery in and around plant premises. We have already established our nursery to develop saplings for afforestation & horticultural activities. Besides this, we have also developed lawn & gardens to create aesthetic view inside the plant premises APML have developed green belt/plantation in 258 ha land which is more than 33%. Please refer Annexure – VI.
(xviii)	Noise level emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressor etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas. Fly Ash Management	Necessary actions have been taken care to maintain ambient noise levels within 75 db(A) during plant operation. The working personals provided with appropriate personal protective equipment and periodic audiometric check up is being carried out and records are being maintained. The monitoring reports regularly submitted to the MPCB & MoEF&CC. Please refer Annexure – I & IA
(xix)	Utilization of 100% Fly Ash generated shall be made from 4 th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Annual ash generation and utilization status is regularly submitted to MoEF&CC, MPCB & CEA. In FY 2020-21 more than 100% ash utilized i.e. 120.12 %. Refer Annexure – X
(xx)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	Complied. Fly ash silos (06) established to collect dry ash for further utilization. High Concentration Slurry Disposal system also installed. Rail line facility established for transportation of dry ash by rail to various cement manufacturers. In FY 2020-21 more than 100% ash utilized i.e. 120.12 %.
(xxi)	Ash pond shall be lined with HDP/LDP lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached. For disposal of Bottom Ash in abandoned	Complied. Well-designed Ash dyke with HDPE lining have been established as per guidelines of MoEF&CC, and CPCB. Regular monitoring is being carried out. Being Followed.
(^^!)	The disposal of pottonication and in additioned	penig i oliowed.

(xxiii)	mines (if proposed to be undertaken) it shall be ensured that the Bottom and sides of the mined out area are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity. Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely	We will inform to Maharashtra Pollution Control Board well in advance. Regular monitoring of ground water quality including heavy metals is being carried out in and around the project area. Piezometric wells are established around the ash pond. Records are maintained and the same being submitted along with compliance report. Please refer Annexure – I. We have engaged CSIR – NEERI, Nagpur to carry out Fly Ash Leachability Study since 2019 up to 2022.
D	affected due to the project. Disaster Management	
(xxiv)	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to Ministry as well as to the regional Office of the Ministry.	Adequate safety team with safety control measures is available in the plant site to take preventive control measures. Fire hydrant and rain gun type water sprinklers established in the coal yard. Details of control measures and location within the plant layout has been already submitted to your good office.
(xxv)	Storage facilities for auxiliary liquid fuel such as LDO and / HFO/LSHS shall be made in the plant area in consultation with Department of Explosive, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster management plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	The Fuel LDO is properly stored in minimum risk area & as per the norms fixed by the Chief Controller of Explosive. Disaster management plan and On-site emergency plan prepared & Mock drills are being conducted periodically.
E	CSR/RCR Plan	
(xxvi)	A good action plan for R & R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months from the date of the issue of this letter.	R&R plan approved by the State govt. and implemented. APML had engaged Indian Institute of Social Welfare and Business Management (IISWBM), Kolkata for carrying out R&R audit. The report has already been submitted along the compliance report of the period April'2019 to Sept.'2019.
(xxvii)	An amount of Rs. 66.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs. 13.20 Crore per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation. While identifying CSR programme the	A separate budget earmarked for CSR activities. Need Base Assessment study carried out and report already submitted to the ministry. We have established well qualified team with village mobilizers to take care of CSR activities. Six Monthly Progress report on CSR activities from April – 21 to Sept. – 21 is being enclosed as Annexure – VII. Need Base Assessment Study for development of
(VV AIII)	1 vinic location ying book programme the	1 11000 2000 / 10000 Meric Octoby for development of

	company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruits bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self-employment and jobs. In addition a special scheme for upliftment of SC/ST's and marginalized population in the study area out of CSR programme shall be formulated and submitted to the Ministry within six months along with firm commitment of implementation. The scheme shall have an in – built monitoring mechanism.	CSR plan prepared and report already submitted to MoEF. Need Base plan implementation being done in nearby village for the individuals who are economically weak to undertake some economic activity that would help them to achieve sustainable livelihood and financial independence. We have established a Skill Development Center for skill development of SC/ST and marginalized populations from Gondia and Bhandara district. So far, we have trained 931 students in which 857 placed for good job. Training on nursing (General Duty Assistance) for old aged people and severe patient given to 123 girls in which 88 girls have been placed for job. Please refer Annexure VIII for year wise training and placement details.
F	General	
(xxix)	Additional soil for leveling of the proposed site shall be generated within the site (to the extent possible) so that natural drainage system of the area is protected and improved.	Complied Natural drains has not been disturbed due to plant activities.
(xxx)	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First Aid and sanitation facilities were provided for the drivers and contract workers during construction period.
(xxxi)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Labour hutments have been established with all required facilities & infrastructure for construction phase only.
(xxxii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Complied. Copy of the same already submitted to your good office with compliance report.
(xxxiii)	A copy of clearance letter shall be sent by the proponent to concern panchayat, Zila parisad/municipal corporation, urban local	Complied. Copy of Environmental Clearance and other required documents provided to Zila Parishad &

	body and the local NG, if any from whom suggestions/representations, if any received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Gram Panchayat.
(xxxiv)	A separate environment management cell with qualified staff shall be setup for implementation of the stipulated safeguards.	We have already established Environment Management Dept. headed by AGM & supported by Env. Engineer, Chemist & Horticulturist. Environmental laboratory has been established to monitor Environmental Quality Parameters for Ambient Air, Water, Stack emission monitoring etc. Environmental Management System as per EMS ISO 14001:2015 implemented under Integrated Management System. Our Environmental lab is Accredited with NABL as per ISO/IEC 17025:2017 which is valid up to 27.06.2021.
(xxxv)	The proponent shall upload the status of compliance of stipulated EC conditions, including the results of monitoring data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective zone of CPCB & the SPCB. The criteria pollutant level namely; SPM, RSPM (PM10, PM2.5), SO2 and NOx (ambient level and stack emission) shall be displayed at the convenient location near the main gate of the company in the public domain.	Six monthly Environmental Clearance compliance status report is regularly submitted to MoEF, CPCB and SPCB. The same is sent by email also. Compliance status updated on Company's website. Display board already installed in main gate.
(xxxvi)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB	Six monthly compliance report is regularly submitted to MoEF, CPCB & MPCB. The same is sent by email also. Last compliance report was submitted in May - 2021 for the period of October '20 to March '2021 to MoEFCC/MPCB/CPCB vide our letter no. APML/EMD/MoEF/EC/125/05/21 on 29.05.2021.
(xxxvii)	The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail	Environment Statement for F.Y 20-21 submitted through online portal of Maharashtra Pollution Control Board. Please Refer Annexure - IV
(xxxviii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of	Six monthly Environmental Clearance compliance status report is regularly submitted to MoEF&CC, CPCB and SPCB. The same is sent by email also. Compliance status is also uploaded on https://parivesh.nic.in and www.adanipower.com on company website.

	compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.					
(xxxix)	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	Six monthly Environmental Clearance compliance status report is regularly submitted to MoEff CPCB and SPCB. The same is sent by email also. Compliance status is also uploaded or https://parivesh.nic.in and www.adanipower.com on company website.				
(xi)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry	Pollution control equipment O &M Pollution Monitoring ,Study and analysis Green belt Development 3: Rural Development/CSR 4: Legal & consent fees 3: Training & Awareness 3:		nental Protection control measures		
(xii)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant	Complied.				
(xiii)	Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Bangalore / CPCB/ SPCB who would be monitoring the compliance of environmental status. al Conditions (EC Amendment)	Noted. Full cooperation always extended.				

(xiv)	The coal transportation by road shall be through tarpaulin covered trucks for a maximum period of two years and hence forth shall be only through mechanically covered trucks.	Compliance Assured. At present coal is being transported by rail and unloaded within plant premises at wagon tippler & track hopper.
(xv)	Avenue plantation of 2/3 rows all along the road shall be carried out by the project proponent at its own expense.	Thick Plantation have been done in all around the Plant boundary.
(xvi)	Periodic maintenance of the road shall be done by the project proponent at its own expense and shall also facilitate the traffic control on the road.	Complied. All internal roads are black topped or concreated and being maintained.
(xvii)	Sulphur and ash contents in the domestic coal to be used in the project shall not exceed 0.4 % and 33% at any given time. In case of variation of coal quantity at any point of time, fresh reference shall be made to the Ministry for suitable amendments to environmental clearance condition wherever necessary.	Being complied. We are using washed coal from SECL and blended with raw coal. We have also installed Real time Coal Ash Analyzers to monitor ash content. MPCB official also collect coal samples time to time and analysis results are well within the stipulated limit. Quarterly Ash content report is being sent to MoEFCC regional office, Six monthly (April 21 to Sept 21) average ash content is 32.47%
(xIvii)	A long term study of radio activity and heavy metals content on coal to be used shall be carried out through a reputed institute. Thereafter, mechanism for an inbuilt continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Being Complied.
(xviii)	Harnessing solar power within the premises of the plant particularly at available roof tops shall be undertaken and status of implementation shall be submitted periodically to the regional office of the Ministry.	Solar panel installed at the roof top of Administrative building to cater domestic power requirement of administrative building. In addition to above, solar street lights have been installed along the ash dyke area. Under CSR activities, we have installed more than 200 solar street lights in nearby villages.
(xix)	Mercury emission from the stack shall also be monitored on periodic basis.	Being complied. Mercury emission from the stack is being monitored & reports are being submitted. Please refer Annexure – I.
(1)	Fugitive emission shall be controlled to prevent impact on agricultural or non-agricultural land.	To control fugitive emission, rain gun type water sprinkling system has been installed in coal yard. All coal conveying belts conveyors are covered and fog type dust suppression system provided. Adequate water sprinkling arrangements made in wagon tipplers and track hoopers to mitigate dust emission during coal un-loading by rail. Closed coal conveyor belts have been established. Cyclones followed by bag filters are provided at each coal transfer points (JNT's). Additionally, mobile water sprinklers are deployed at CHP area to suppress fugitive dust while movement of vehicles.
(li)	Source sustainability study of water requirement shall be carried out by an institute of repute. The study shall also	VIDC has developed and is operating Dhapewada Barrage on River Wainganga for water supply. However, we have undergone source

	specify the source of water for meeting the requirement during lean season. The report shall be submitted to the Regional Office of the Ministry within six months.	sustainability study of River Wainganga by "Academy of Water Technology Environ Management" Kolkata in technical collaboration Indian Institute of Social Welfare and Business Management – Kolkata and CSIR – CGCRI, Kolkata. Final report was already submitted along with compliance report.
(lii)	Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as on option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close co-ordination with the State Pollution Control Board.	As per Fly ash Notification 25 th January, 2016; Ash may be utilize in Agriculture as a soil conditioner. For the same APML has engaged AMPRI Bhopal (A division of CSIR) for R&D and Demonstration and promotional Activity. CSIR – NEERI, Nagpur was engaged for three years (2019 – 2022) to carry out fly ash leachability study in an around land reclamation through fly ash of radius 35 KM from APML.1st Year inception report already submitted with EC Compliance report of October 2019 – March 2020.
(liv)	Three tire green belt shall be developed all around Ash Pond over and above the Green Belt around the Plant Boundary.	A thick plantation/ green bet development around Ash pond area done. Our efforts are being made to develop more & more greenery inside the plant premises.
(Iv)	Social audit for the CSR Scheme shall be carried out periodically by reputed university or an institution as per the CSR guidelines of Government of India and Details to be submitted to MoEF besides putting it on company's website.	Further, Social Audit being carried out by Indian Institute of Social Welfare & Business Management, University of Kolkata . Final Report is already submitted to your good office with compliance report of April 2019 to Sept 2019.
(Ivi)	An Environmental Cell shall be created at the project site itself and shall be headed by an officer of the company of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to Head of the Organization. The environmental Cell shall be responsible and accountable for implementation of all the conditions given in the EC including in the amendment letter.	We have already established Environment Management Dept. headed by AGM & supported by Env. Engineer, Chemist & Horticulturist. Environmental laboratory (NABL Accredited) has been established to monitor Environmental Quality Parameters for Ambient Air, Water, Stack emission monitoring etc. Environmental Management System as per EMS ISO 14001:2015 implemented under Integrated Management System. Environmental Management System as per EMS ISO 14001:2015 implemented under Integrated Management System. Our Environmental lab is Accredited with NABL as per ISO/IEC 17025:2017 which is valid up to 27.06.2022.
(Ivii)	Monitoring of surface water quantity and quality shall also be regularly conducted and record maintained. The monitoring data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken. The environmental statement for each	Monitoring of surface water and ground water quality including heavy metals is being done on regular basis and records maintained. Please refer Annexure - I Environmental statement is being submitted

	financial year ending 31st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliances of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	regularly to MPCB. Last Environmental Statement submitted to MPCB through online portal. Please Refer Annexure -
(lix)	The project proponent shall formulate a well laid Corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy stipulated in this clearance letter and other applicable environment laws and regulations.	We have implemented ISO 14001:2015 under Integrated Management System consist of Environment, Health & Safety, Quality and Energy Management Systems. We have formulated a Corporate policy as per the requirement of Integrated Management System (IMS), Biodiversity Conservation Policy has already been framed and incorporated in existing IMS policy. We are member of Indian Biodiversity Business Initiative (IBBI) as initiated by MoEF&CC. IMS is Integrated with International Finance Corporation (IFC) Performance and also complied IFC standards on Environmental Management. We are pleased to inform that Single Use Plastic has been completely restricted in the plant & township. CII certified for the non use of single use plastic. Please refer Annexure - XIII

SIX MONTHLY ENVIRONMENTAL MONITORING REPORT

FOR The Period of Apr.2021-Sept. 2021

of

ADANI POWER MAHARASHTRA LTD.

Tirora, Growth Center, MIDC, Gondia – 441 911

Prepared by



Recognised by MoEF (GOI). F. No. Q-15018/19/2019-CPW dated. 9.6.2020 NABET Accredited and ISO 9001: 2000Certified Organisation

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ENVIRO ANALYSTS & ENGINEERS PVT. LTD





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Foreword

The protection of environment plays a crucial role in maintaining the local environment quality for any industry, throughout their production. Hence compliance of the statutory requirements becomes very important to conserve the ecological balance within and surrounding the plant area. Therefore, environment protection is becoming a prerequisite for sustainable development. In line with this requirement, the management of Adani Power Maharashtra Ltd. has adopted a corporate responsibility of development and top priority is given for environment protection.

In order to comply with the Environment protection act, to fulfill statutory requirement and to be in tune with Environmental Preservation and sustainable development Adani Power Maharashtra Ltd., has retained Enviro Analysts and Engineers Pvt. Ltd. as Environment Consultants and for various Environmental issues related to their Power Plant.

This report presents the Environmental Status for the period Apr.2021-Sept. 2021 as a compliance to the statutory requirements.

The co-operation extended by the Staff and Management of Adani Power Maharashtra Ltd. during the work execution period is gratefully acknowledged.

For ENVIRO ANALYSTS & ENGINEERS PVT. LTD.

Authorized Signatory



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Chapter – 1

Introduction

&

Scope of work

1.0 INTRODUCTION.

M/s. Adani Power Maharashtra Limited (APML) a wholly owned company of Adani Power Limited has established 3300 MW (5x660) Coal-based Thermal Power Plant at Tiroda, District Gondia in Maharashtra in two phases as below:

Phase I: 2 x 660 MW

Phase II: 3 x 660 MW

1.1 Scope of Work.

The scope of work includes the data generation for various environmental components viz Meteorology, Air, Noise, Water, Stack, Effluent and soil of Adani Power Maharashtra limited, Tirora.

To monitor the environmental parameters and data analysis in the vicinity of the power plant of 5x660MW at MIDC Area Tiroda, APML awarded the service to M/s Enviro Analysts & Engineers Pvt. Ltd. (EAEPL), Mumbai.

The present report incorporates data of various Environmental parameters for APR.2021- SEPT. 2021

Chapter – 2

Details of sampling Locations

&

Methodology for sampling and analytical procedures

2.0 DETAILS OF SAMPLING LOCATIONS.

The details of sampling location w. r. t. Air, Water and Noise quality around the power plant are shown in the Sampling location Map as depicted in Figure.2.1

2.1 Meteorology and Ambient Air Quality.

Meteorological data was collected at one station concurrently with the ambient air quality monitoring. The weather station was placed on the roof top at a height of 10m. Wind speed, wind direction, relative humidity and temperature & Rainfall were recorded at hourly intervals contineously.

The sampling locations of Ambient Air Quality in the Power plant premises covering upwind and down wind direction . To assess the effect of industrial activity of power plant on the air, environmental parameters like Particulate Matter- PM_{10} , Particulate Matter- $PM_{2.5}$, Sulphur Dioxide- SO_2 , Nitrogen Dioxide $-NO_2$ were monitored Details of the sampling locations with respect to the plant site are given below in **Table-2.1** .

Table 2.1 Ambient Air Quality Monitoring Location

Code	Name of the monitoring Station	Distance from plant boundry (km)	Direction with respect to plant	Environmental Setting	Remarks
A1	Near AWRS	Within Plant	-	Within Plant	Industrial area
A2	Near Brick Plant	Within Plant	-	Within Plant	Industrial area
A3	Near China colony	Within Plant	-	Within Plant	Industrial area

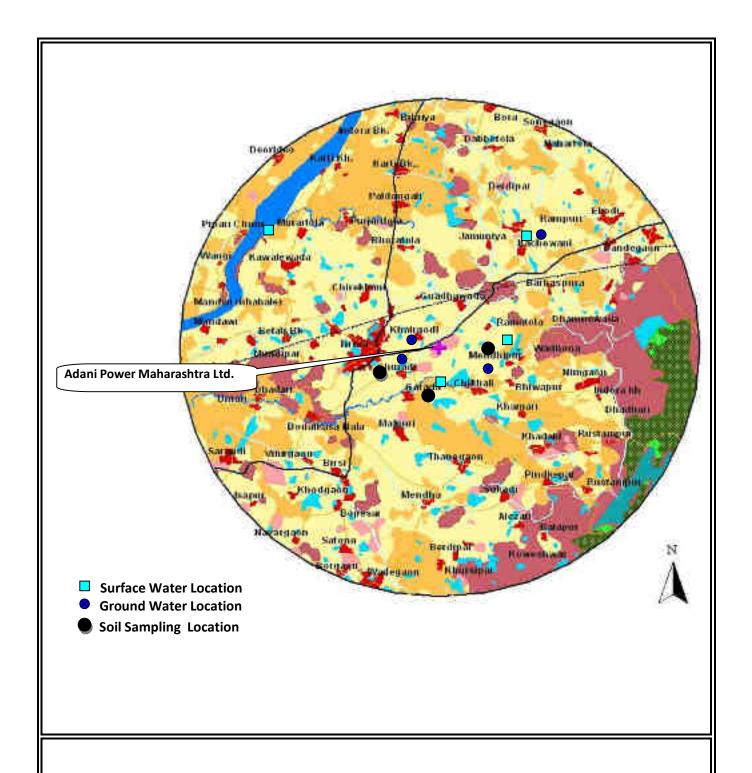


Figure: 2.1 SAMPLING LOCATIONS MAP

2.2 Water Quality

Water samples were collected at various locations within the area of 10 Km radius from the plant to assess the Physico-Chemical quality of Surface and Ground Quality water. Samples were collected as per the standard procedures. On site Parameters like Temperature, Electrical Conductivity, pH and Dissolved Oxygen were analyzed at-site using portable water analysis kit. Samples were collected by taking suitable precautions for preparation and transportation, particularly using sterilized bottles for bacteriological analysis. The details of the sampling locations are given in **Table-2.2** and **Figure.2.1** as depicted.

Water samples were collected on quarterly basis from 8 locations (Ground water 4, Surface water-4 Analytical methods mentioned in IS: 3025 and Standard Methods published by APHA were followed.

TABLE-2.2 WATER SAMPLING LOCATIONS

Code	Name of the monitoring Station	Distance from plant boundry (km)	Direction respect to plant	Source
SW1	Wainganga River Water	7.0	NW	River
SW2	Mendipur Pond Water	2.0	SE	Pond
SW3	Garada Village Nalah water	3.0	SSW	Nalah water
SW4	Kachewani Pond water	3.0	NE	Pond water
Ground '	Water		1	
GW1	Kachewani Hand Pump	3.2	NE	Bore well
GW2	Mendipur Hand Pump	2.5	SE	Bore well
GW3	Garada Hand Pump	3.2	SW	Bore well
GW4	Chikhali Hand Pump	2.0	S	Bore well
Waste W	ater			
WW1	Cooling Tower Blow Down water Un	it-1		In Plant
WW2	Cooling Tower Blow Down water Un	it-2		In Plant
WW3	Cooling Tower Blow Down water Un	it-3		In Plant
WW4	Cooling Tower Blow Down water Un	it-4		In Plant
WW5	Cooling Tower Blow Down water Un	it-5		In Plant
WW6	Boiler Blow down Water Unit-2		In Plant	
Piezomet	ric Well water			
P1	Near AWRPH	In Plant		
P2	B/H Ash dyke -1			In Plant
P3	Near Raw Water pump house -02			In Plant

2.3 Noise Level:

Noise level at following in plant location and Buffer zone location were recorded by APML for the period of APR.2021- SEPT. 2021. Location details are given in **Table-2.3**. and as depicted in **Figure.2.1**

TABLE: 2.3 NOISE LEVEL LOCATIONS FOR THE PERIOD OF Apr.2021- Sept.2021

Code	Location	Location type	Remarks
NL- 1		Near Shanti Niketan I, II & III	Industrial
NL- 2		Near Labour Hutment	Industrial
NL-3		Near Store Area	Industrial
NL- 4		Gate No.1	Industrial
NL- 5		Gate No.2	Industrial
NL- 6	Inside the plant	Gate No.3	Industrial
NL-7		Near OHC	Industrial
NL-8		Railway Siding	Industrial
NL-9		Near Reservoir 2	Industrial
NL-10		Near Ash Water Recovery Pump House	Industrial
NL-11		In China Colony	Industrial

2.4 Soil Quality:

Soil Samples collected at 3 location around the plant zone on the seasonal basis for the period of Apr.2021-Sept. 2021 Location details are given in **Table-2.4**. and as depicted in **Figure.2.1**

TABLE: 2.4 SOIL SAMPLING LOCATIONS FOR THE PERIOD OF Apr.2021-Sept-2021

Code	Location	Location type	Remarks
S1	Buffer Zone	Garada Village	Agricultural Field
S2		Mendipur Village	Agricultural Field
S3	Builet Zone	Churadi Village	Agricultural Field

2.5 Methodology of Monitoring

2.5.1 Instruments Used

Samples were collected at 'Ambient Air' monitoring locations' using standard Fine dust sampler & RDS sampler for monitoring PM₁₀, PM_{2.5}, SO₂, NO₂, concentrations and analyzed as per USEPA / IS methods in APML Laboratories at site

Also Continuous Ambient Air Monitoring station installed (CAAQMS) at APML make Tyledyne and Met One instrument approved by USEPA.

On site Micro-meteorological data for wind direction, wind Speed, Temp, Relative humidity and Rainfall collected from APML.

Ground water, Surface water & Effluent water were analyzed for onsite parameters likeTemperature, Electrical Conductivity, pH and Dissolved Oxygen were analyzed on-site using portable water analysis kit. Samples are collected, preserved and sent for further analysis to Enviro Analysts & Engineers Pvt. Ltd, where other parameters like total hardness, chlorides, sulphate etc and heavy metals are analyzed as per requirements IS 3025/APHA methods.

Soil samples were analyzed for physical, chemical and heavy metal concentrations, using analytical methods.

Noise was measured at site locations using a noise level meter to determine sound levels in a scale as dB (A) This is suitable for audible range of 20 to 20,000 Hz for human being. Sound level monitoring done by APML.

Stack Monitoring kit having sensor probe was used to monitor stack data like Flue gas velocity, Volumetric flow of flue gas, Temperature of flue gas, Moisture content and other parameters like SPM, SO₂, NO₂ make by ECOTECH

2.5.2 Method of Analysis

Air samples were analyzed as per standard methods specified by Central Pollution Control Board (CPCB), EPA & IS method.

2.5.2.1 Meteorology

Micro-meteorological data was observed for wind direction and speed using wind vane and anemometer using an automatic met logger. The data was recorded at 1 hour interval. Wind speed & wind direction, Temperature, Rain fall, Relative humidity were recorded by Weather Monitoring Station by APML.

2.5.2.2 Ambient Air Quality (AAQ)

Sampling was carried out at each station during the stipulated study period using pre-calibrated Respirable Dust Samplers and Fine Dust Sampler in each of the stations by APML.

Earmarked samples were collected for Particulate Matter-PM₁₀, Particulate Matter-PM_{2.5}, SO₂ and NO₂ for 24 hourly.

The baseline data of air environment is generated for the parameters namely: Particulate Matter-PM₁₀, Particulate Matter-PM_{2.5}, Sulphur Dioxide SO₂, and Nitrogen Dioxide NO₂ in APML

2.5.2.3 Stack Monitoring

Stack emission were analyzed with the help of stack Kit (ECOTECH Stack Kit & Prob set, quarterly basis at Boiler Stack situated in plant. Height of the Boiler Stack was noted as, 275 m and I.D. 7.4m.Flue gas, Velocity, Temperature, Volume & Qty, Moisture Content, PM, SO₂, NO₂, Hg were analyzed. The values obtained were then compared vis-a-vis with the standards prescribed by CPCB.

Iso-kinetic stack monitoring was conducted as per standard method IS 11255 (Part-3) specified in Emission Regulation Act Part to determine PM, SO₂ and NO₂, Data was collected and analysis was done for other parameters like Flue gas Velocity, Temperature, Volumetric flow rate, Moisture contents.

2.5.2.4 Water/Waste Water Quality

Water/Waste water samples were collected for physico-chemical and bacteriological parameters taking suitable Precautions. Temperature, pH, Dissolved Oxygen and Electrical conductivity were measured in the field while collecting the samples. Sterilized bottles were used to collect samples for bacteriological analysis, stored in ice and transported to the Laboratory.

Ground and surface water samples were analysed as per IS: 10500 and Waste Water samples were analysed as per IS: 3025. The analytical methods mentioned in IS: 3025 and Standard Methods published by APHA were followed. MPN Index of coli forms was found as per standard methods (IS: 1622).

2.5.2.5 Noise Level

Noise is defined as unwanted sound that creates interferences in speech, communication, causes annoyance, disturbance in work concentration and sleep, thus deteriorating the quality of Noise environment. In the present study, Noise monitoring has been conducted regularly by APML Since loudness of sound is the important parameter to assess the effects of particular activities

on human being, hence noise level is measured for noise environment assessment. Hourly Sound Pressure level (SPL) was recorded with Sound Level Meter for 24 hours.

2.6 Analytical Procedures

2.6.1 Meteorology

The data obtained from field is used to as certain the wind percentage frequencies in the sixteen directions for wind speeds using Beaufort's scale in the range of 0-1.8, 1.8-3.6, 3.6-7.2, 7.2-14.4, 14.4-28.8 and >28.8 kmph. Average wind roses at twenty four hourly are prepared from the data collected. Temperature, Relative Humidity is monitoring by Automatic Weather Monitor (WM 271, Envirotech) and Rain fall by using Rain Gauge of WM 271.

2.6.2 Ambient Air Quality

Whatman GF/A & PTFE filter paper was used in Respirable dust sampler RSPM and FDS and weighed in Mettler electronic balance and computed as per standard methods.

Ambient Air samples were analyzed for SO_2 concentration levels by using Improved West-Gaeke method using spectrophotometer (HACH DR 5000) at a wavelength of 560 nm. NO2 conc. levels were estimated using Jacob and Hocheiser modified (Na-As) method using spectrophotometer (HACH DR 5000) at a wavelength of 540 nm

Sampling and Analytical Techniques

The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table-2.5**

TABLE- 2.5 (TECHNIQUES USED FOR AMBIENT AIR QUALITY MONITORING)

Sr. No.	Parameter	Technique	Technical protocol	Minimum detectable limit (μg/m³)
1	PM10	Respirable Dust Sampler (Gravimetric Method)	IS-5182 (Part-IV)	5.0
2	PM2.5	Fine Respirable Dust Sampler (Gravimetric Method)	IS-5182 (Part-IV)	5.0
3	Sulphur dioxide	Improved West & Gaeke Method	IS-5182 (Part-II)	4.0
4	Nitrogen dioxide	Modified Jacob & Hochheiser Method	IS-5182 (Part-VI)	4.0

Chapter - 3

DATA ANALYSIS

3.0 DATA ANALYSIS

Environmental monitoring for the period of APR.2021- SEPT. 2021 consisted of collection and analysis of meteorological parameters, ambient air quality and ground water and surface water quality at different locations within study area selected for carrying out environmental monitoring around the plant site.

3.1 Meteorology

Meteorological data was collected by APML on hourly basis for wind speed, Wind direction, temperature and relative humidity continuously. Total Rain fall on monthly basis during the period of APR.2021-SEPT. 2021 was measured and recorded and reported in the Environmental report.

Wind Pattern for the period APR.2021- SEPT. 2021.

The data recorded during the study period was analyzed and the daily maximum, minimum and total of all the parameters were observed. The summary of all the meteorological observations is given in **Table-3.1**.

TABLE- 3.1 METEOROLOGICAL DATA MONITORED AT SITE

(for the period of APR.2021- SEPT. 2021)

Month	Temperature (⁰ C)		Relative Humidity (%)		Rainfall (mm)
	Max	Min	Max	Min	(Total)
April 2021	44.9	19.3	68.3	20.1	0
May 2021	43.6	18.6	92.7	11.6	36.1
Jun. 2021	40.2	19.1	81.1	22.7	181
July 2021	38.6	19.4	81.5	32.1	365.1
Aug. 2021	35.2	19.2	82.5	35.6	234.5
Sept. 2021	34.9	21.3	86.1	35.8	287.0

Temperature

The Temperature for the month of APR.2021- SEPT. 2021 was found to be within range of 19.1°C – 44.9°C.

Relative Humidity

The average relative humidity for the month of APR.2021- SEPT. 2021 was found to be within range of 11.6-92.7%.

Rain Fall

Total Rain fall found the period of APR.2021- SEPT. 2021 was 1103.7mm

Wind Speed/Direction

The wind speed and direction data collected during the period of APR.2021- SEPT. 2021. The wind roses plot using the collected data for APR.2021- SEPT. 2021 is given in **Figure-3.1**

The first predominant wind direction during APR.2021- SEPT. 2021 was W. The calm condition ranges from 0 to 54.6%.

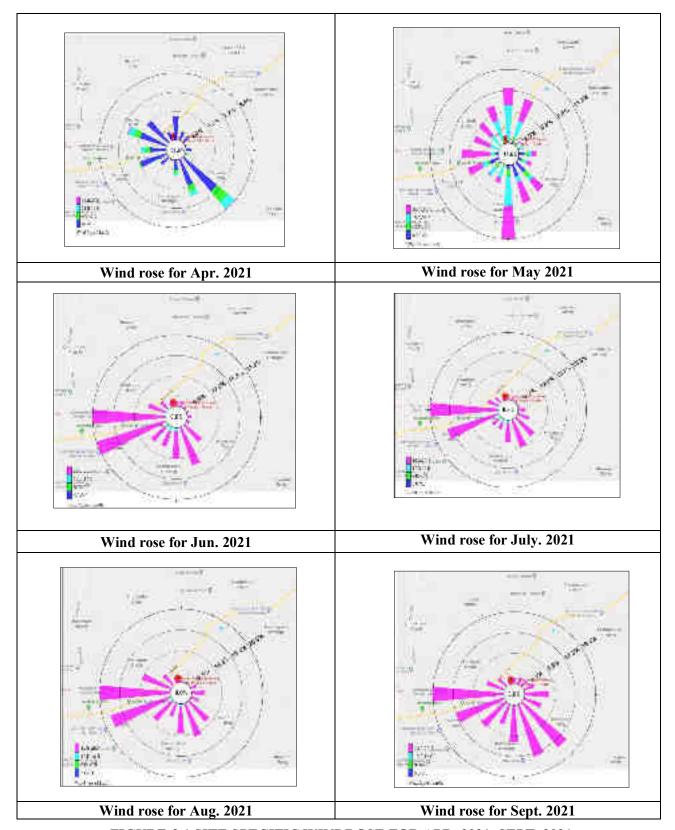


FIGURE-3.1 SITE SPECIFIC WINDROSE FOR APR. 2021- SEPT. 2021

3.2 Ambient Air Quality

Ambient air quality has been carried out within plant for the period of APR.2021- SEPT. 2021. PM₁₀, PM_{2.5}, SO₂ & NO₂, sampling at all the locations is done for 24 hours average twice a week by APML. The values obtained were then compared vis-a-vis the standards prescribed by CPCB for Industrial/ Rural / Residential uses.

3.2.1 Presentation of Results.

The summary of Ambient Air Quality monitoring results for the period of APR.2021- SEPT. 2021 are presented in detail in **Table 3.2** for Inside plant area. 98th percentile; maximum and minimum values etc have been computed from the collected raw data for all the AAQ monitoring station. The data has been compared with the standards prescribed by Central Pollution Control Board (CPCB)/NAAQ for residential and rural zone.

Particulate Matter-PM10

The minimum and maximum concentrations during APR.2021- SEPT. 2021 in the plant area location for Particulate Matter- PM_{10} were recorded as 19.1 $\mu g/m^3$ and 96.0 $\mu g/m^3$ respectively. The minimum concentration was recorded at Near China colony (A3) and maximum concentration at Near AWRS (A1).

Particulate Matter-PM_{2.5}

The minimum and maximum concentrations in the plant area location for $PM_{2.5}$ were recorded as $7.9\mu g/m^3$ and $38.5 \mu g/m^3$ respectively. The minimum concentration was recorded at Near China colony (A3) and maximum concentration at Near AWRS (A1).

Sulphur Dioxide (SO₂)

The minimum and maximum SO_2 concentrations in the plant area location were recorded as $4.4\mu g/m^3$ and $17.2 \mu g/m^3$ respectively. The minimum concentration was recorded at Near Brick Plant (A2) and maximum concentration was recorded at Near Brick Plant (A2) respectively.

Nitrogen Dioxide (NO₂)

The minimum and maximum NO_2 concentrations in the plant area location were recorded as 7.8 $\mu g/m^3$ and 30.7 $\mu g/m^3$ respectively. The minimum concentration was recorded at Near AWRS (A1) and maximum concentration was recorded at Near Brick Plant(A2) respectively.

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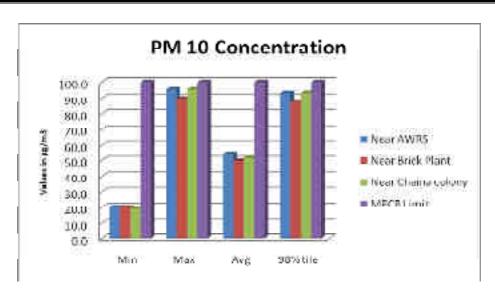
TABLE- 3.2 SUMMARY OF AMBIENT AIR QUALITY RESULT

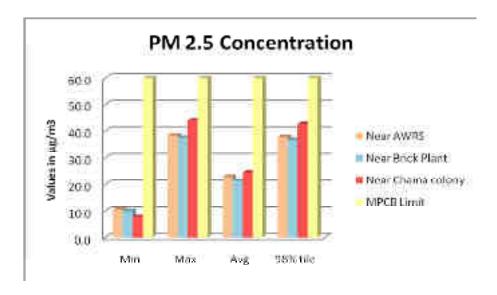
(Inside Plant Premises)

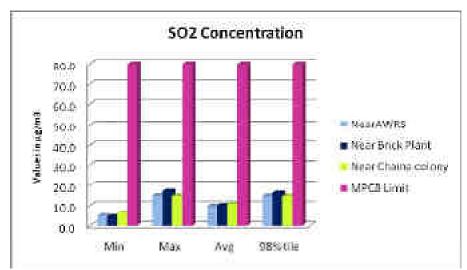
for the period of Apr 2021- Sept. 2021

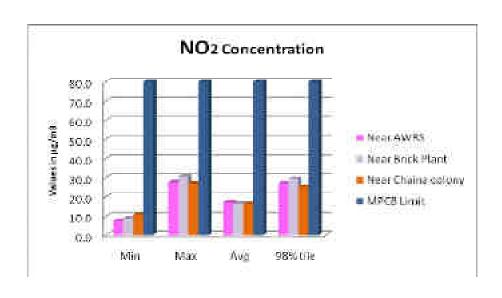
All values are µg/m3

Location		PM ₁₀				PN	1 _{2.5}			S	O_2			N	O_2	
	Min	Max	Avg	98% tile	Min	Max	Avg	98% tile	Min	Max	Avg.	98% tile	Min	Max	Avg.	98% tile
Near AWRS	20.3	96.0	54.3	93.3	10.6	38.5	23.1	37.9	4.8	14.9	9.9	14.8	7.8	27.7	17.3	27.1
Near Brick Plant	20.0	89.7	49.7	87.8	10.1	37.6	21.4	36.8	4.4	17.2	10.1	16.5	9.1	30.7	16.8	29.5
Near Chaina colony	19.1	95.8	51.5	93.5	7.9	44.1	24.6	42.9	6.3	14.8	10.8	14.7	10.8	27.1	16.5	25.3
MPCB Limit		10	00	I		6	0	I		8	80	I		8	30	









3.3 Stack Monitoring.

Stack monitoring is done with the help of stack Kit (ECOTECH Stack Kit) & Prob set, once in a quarter at Boiler Stack 1 to 5 situated in plant. Height of the Boiler Stack was noted as, 275m and I.D. 7.4m.Flue gas, Velocity, Temperature, Volume & Qty, PM, SO₂, NO_x, Hg are analysed. The values obtained are then compared vis-a-vis with the standards prescribed by CPCB.

3.3.1 Presentation of Results.

The Stack analysis results for the period of APR.2021- SEPT. 2021 are presented in detail for various parameters like Flue gas, Velocity, Temperature, Volume & Qty, SPM, SO₂, NOx, Hg values etc computed from the collected raw data for the Stack monitoring station. The summary of these results is presented below. The data has been compared with the standards prescribed by Central Pollution Control Board (CPCB)/MPCB

TABLE- 3.3 Stack Analysis Report for the period of Apr. 2021 - Sept.-2021

Power Plant (Unit-I to Unit 5)

PARAMETERS					CONCEN'	TRATION				
PARAMETERS	Un	it I	Uni	t 2	Unit 3		Un	it 4	Ur	nit 5
Date of Sampling	Jun2021	Sept. 2021	Jun2021	Sept. 2021	Jun2021	Sept. 2021	Jun2021	Sept. 2021	Jun2021	Sept. 2021
Diameter of Stack (M)	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Height of Stack (M)	275	275	275	275	275	275	275	275	275	275
Temp. of exit gas (0 C)	135	118	127	123	131	124	134	115	132	117
Velocity of exit gas (m/sec)	23.9	23.74	23.7	23.53	23.85	23.96	23.97	23.30	23.66	23.44
Flow of exit gas at stack temp. & Press.(m3/hr)	3698567.0	3673806.78	3667616.71	3641308.91	3690829.48	3707852.17	3709399.69	3605716.0	3661426.64	3627381.25
Flow of exit gas at NTP(Nm3/hr)	2593348.2	2659986.44	2623079.47	2603168.06	2613545.78	2644062.84	2607334.30	2630871.65	2586323.29	2633106.75
PM (mg/Nm3)	41.5	43.2	43.2	40.7	43.8	41.8	48.2	45.5	44.1	46.3
Total dust emission (kg/hr)	107.62	114.91	113.3	105.95	114.47	110.52	125.67	119.70	114.06	121.91
SO2 (mg/Nm3)	1120.8	946.6	1074.7	944.6	994.6	941.7	977.3	945.6	1017.6	932.6
SO2 (kg/hr)	2906.62	2517.94	2819.02	2458.95	2599.43	2489.91	2548.15	2487.75	2631.84	2455.63
SO2 (TPD)	69.76	60.43	67.66	59.01	62.4	59.75	61.15	59.70	63.16	58.93
NOx (mg/Nm3)	408.6	348.3	415.5	341.3	401.7	336.7	398.7	346.3	411.7	330.8
Mercury (mg/Nm3)	0.0176	0.0168	0.0168	0.0160	0.0171	0.0179	0.0176	0.0163	0.0162	0.0167

Note: Values of PM, SO2 and NOx based on 6% O2

3.4 Water Quality

Ground waters were collected at 4 locations and Surface water at 4 locations within the 10 km radial distance of power plant were analyzed as per IS 10500 to assess the quality of water for portability.

Presentation of Results

The results of the water quality monitored in the period of APR.2021- SEPT. 2021, that of four surface water and four ground water samples and seven drinking water samples. The surface water quality results are given in **Table-3.4**, the results of ground water quality is given in **Table-3.5** and the results of Waste water quality are given in **Table-3.6** the findings are discussed below.

3.4.1 Ground Water Quality.

Most of the villages in the Nearby plant area have hand pumps, as most of the residents of these area use of this water for drinking and other domestic uses.

The analysis results indicate that the pH ranges from 7.2 to 7.95 the maximum pH observed at Kachewani Village(GW1) and Minimum pH were observed at Medipur Village (GW2) which is well within the specified standard of 6.5 to 8.5.

Total hardness was observed to be ranging from 94 to 342 mg/l. The maximum hardness 342 mg/l was recorded at Kachewani Village (GW1) and the minimum hardness of 94 mg/l was recorded at Mendipur village(GW2), Which is well within the specified standard of 200(600) mg/l.

Chlorides were found to be in the range of 9.2 mg/l to 112.7mg/l, the maximum concentration of chlorides was observed at Kachewani Village (GW1) and the minimum concentration of chlorides was observed at Mendipur Village(GW2)

Sulphates were found to be in the range of 8.8 mg/l to 96.6 mg/l. The maximum value observed at Kachewani Village (GW1) and the minimum value observed at Mendipur Village (GW2).

The values of Chlorides and sulphate are acceptable limits.

The analysis results indicate all parameter including bacteriological and heavy metal parameters are well within the drinking water standards.

3.4.2 Surface Water Quality.

The analysis results indicate that the pH values in the range of 7.3 to 7.7the minimum and maximum value was observed at Wainganga River and Garada nalah water respectively which is well within the specified standard of 6.5 to 8.5.

TDS was observed in the range of 100 mg/l to 284 mg/l, the maximum TDS value was observed at Garada Nalah where as minimum value was observed in Wainganga River, where as TDS is within Desirable limits.

Chlorides and Sulphates were found to be in the range of 9.0 to 16.4 mg/l and 5.7 to 10.6 mg/l respectively. It is observed that value of chlorides and Sulphates are well within acceptable limits. It is evident from the above values that all the parameters are found to comply with the requirements of IS: 10500 specification of surface water except bacteriological parameters. The surface water quality does not indicate any industrial contamination.

Heavy metals concentrations for metals like Arsenic (As), Mercury (Hg), Lead (Pb), Cadmium (Cd), Chromium (Cr) and Copper (Cu) were found to be within the acceptable limits.

3.4.3 Waste Water Quality

Waste water samples were also collected from Cooling Tower Blodown of unit 1 to 5, Analytical methods mentioned in IS: 3025 and Standard Methods published by APHA were followed. The summary of waste water quality collected on quarterly basis for the period of Apr. 2021- Sept 2021 are given in **Table-3.6**

3.4.4 Pizo-Metric water

There were 3 Pizo meteric monitoried for water level and collected water samples were analyzed as per IS: 3025 and Standard Methods published by APHA were followed. The summary of pizometric water quality collected on quarterly basis for the period of APR. 2021- SEPT. 2021 are given in **Table-3.7**

3.5 Noise Level:

Noise level was measured by APML in basic units of dB(A) at eleven location inside the plant (industrial Area) during day time and Night time for 24Hrs.

Noise level was found within the acceptable limits during daytime as well as night time for all locations with reference to CPCB standard limits for Industrial area and Residential area.

Noise levels at following locations were recorded for the period of APR. 2021- SEPT. 2021 on monthly basis. The summary of Noise Level is given in **Table-3.8**

3.6 Soil Quality

Soil samples were collected at 3 locations within the 10 km radial distance of power plant were analyzed as per IS:2720. The analysis results given in **Table-3.9.**

TABLE- 3.4 SURFACE WATER QUALITY

SW1: Wainganga River Water

Sr.	T. A.D. A	T1 •4	A 40 10 700 2012	Res	sults
No.	Test Parameters	Unit	As per IS 10500 : 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	7.5	3.5
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	-	-
4	Turbidity NTU	NTU	1(5)	5.5	2.0
5	Total Dissolved Solid	mg / 1	500 (2000)	100	110
6	Electrical Conductivity	μS/cm	-	162	174
7	Total Alkalinity	mg / 1	200 (600)	68	46
8	pH Value at 25°C	-	6.5 to 8.5	7.4	7.3
9	Total Hardness (CaCO3)	mg / 1	200 (600)	76	78
10	Calcium (as Ca)	mg / 1	75 (200)	24.8	24.2
11	Magnesium (as Mg)	mg / 1	30 (100)	3.4	4.25
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	< 0.07	0.07
14	Manganese as (Mn)	mg / 1	0.1(0.3)	< 0.01	< 0.01
15	Chlorides (as Cl)	mg / 1	250(1000)	9.0	9.8
16	Sulphate (as SO4)	mg / 1	200 (400)	5.7	6.7
17	Nitrates (as NO3)	mg / 1	45	2.55	2.40
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.25	0.20
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.11	0.10
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	Nil	Nil
30	Total Coliform	MPN/100 ml	Absent	>16	>16
31	E. Coli	Nos./100 ml	Absent	>16	>16

SW2: Mendipur Pond Water

Sr.	Test Parameters	Unit	As per IS 10500 : 2012	Res	sults
No.		Cint	As per 15 10500 . 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	8.0	6.0
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	-	-
4	Turbidity NTU	NTU	1(5)	6.5	3.5
5	Total Dissolved Solid	mg / 1	500 (2000)	140	122
6	Electrical Conductivity	μS/cm	-	228	202
7	Total Alkalinity	mg / 1	200 (600)	122	124
8	pH Value at 25°C	-	6.5 to 8.5	7.65	7.40
9	Total Hardness (CaCO3)	mg / 1	200 (600)	88	92
10	Calcium (as Ca)	mg / 1	75 (200)	26.2	27.2
11	Magnesium (as Mg)	mg / 1	30 (100)	5.5	5.8
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	0.070	0.074
14	Manganese as (Mn)	mg / 1	0.1(0.3)	0.008	0.007
15	Chlorides (as Cl)	mg / 1	250(1000)	10.3	10.8
16	Sulphate (as SO4)	mg / 1	200 (400)	8.5	9.1
17	Nitrates (as NO3)	mg / 1	45	2.85	2.65
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.30	0.30
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.11	0.10
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	Nil	Nil
30	Total Coliform	MPN/100 ml	Absent	> 16	> 16
31	E. Coli	Nos./100 ml	Absent	> 16	> 16

SW3: Garada Village Nalah water

Sr.	Test Parameters	Unit	As per IS 10500 : 2012	Res	sults
No.		Cint	As per 15 10500 . 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	6.0	3.0
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	-	-
4	Turbidity NTU	NTU	1(5)	5.5	1.5
5	Total Dissolved Solid	mg / 1	500 (2000)	284	118
6	Electrical Conductivity	μS/cm	-	460	196
7	Total Alkalinity	mg / 1	200 (600)	144	136
8	pH Value at 25°C	-	6.5 to 8.5	7.70	7.55
9	Total Hardness (CaCO3)	mg / 1	200 (600)	182	90
10	Calcium (as Ca)	mg / 1	75 (200)	52.2	22.8
11	Magnesium (as Mg)	mg / 1	30 (100)	12.5	8.0
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	0.075	0.060
14	Manganese as (Mn)	mg / 1	0.1(0.3)	< 0.01	< 0.01
15	Chlorides (as Cl)	mg / 1	250(1000)	16.4	11.4
16	Sulphate (as SO4)	mg / 1	200 (400)	10.2	10.6
17	Nitrates (as NO3)	mg / 1	45	2.85	2.85
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.30	0.30
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.14	0.14
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	Nil	Nil
30	Total Coliform	MPN/100 ml	Absent	> 16	> 16
31	E. Coli	Nos./100 ml	Absent	> 16	> 16

SW4: Kachewani Pond water

Sr.	Test Parameters	Unit	As per IS 10500 : 2012	Res	sults
No.		Omt	As per 15 10500 : 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	6.5	5.0
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	-	-
4	Turbidity NTU	NTU	1(5)	5.4	3.0
5	Total Dissolved Solid	mg / 1	500 (2000)	220	268
6	Electrical Conductivity	μS/cm	-	358	436
7	Total Alkalinity	mg / 1	200 (600)	146	130
8	pH Value at 25°C	-	6.5 to 8.5	7.55	7.40
9	Total Hardness (CaCO3)	mg / 1	200 (600)	130	138
10	Calcium (as Ca)	mg / 1	75 (200)	40.8	42.2
11	Magnesium (as Mg)	mg / 1	30 (100)	6.8	7.9
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	0.070	0.079
14	Manganese as (Mn)	mg / 1	0.1(0.3)	< 0.01	< 0.01
15	Chlorides (as Cl)	mg / 1	250(1000)	12.6	12.8
16	Sulphate (as SO4)	mg / 1	200 (400)	9.7	10.5
17	Nitrates (as NO3)	mg / 1	45	2.90	2.75
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.35	0.30
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.11	0.12
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	Nil	Nil
30	Total Coliform	MPN/100 ml	Absent	> 16	> 16
31	E.Coli	Nos./100 ml	Absent	> 16	> 16

TABLE- 3.5 GROUND WATER REPORT

Monitoring Date: 28.06.2021

		STATIC V	WATER LEVE	L OF OP	EN WELL	
Name of village	Plinth Height (m)	Diameter (m)	Water level from G.L. (m)	Shape	Total Depth of well from G.L (m)	Landmark
Mendipur	0.85	1.45	7.60	Round	11.00	Near Vitoba Ahinshak Suryavanshi Residence
Khairbori	1.10	1.83	5.55	Round	10.10	Near Hanuman Temple, Durga Temple
Churadi	1.20	2.60	7.50	Round	11.60	Near Primary School
Kachewani	1.5	4.80	9.70	Round	12.30	Opp. ZP. school

Monitoring Date: 16.09.2021

		STATIC	WATER LEVE	L OF OPE	N WELL	
Name of village	Plinth Height (m)	Diameter (m)	Water level from G.L. (m)	Shape	Total Depth of well from G.L (m)	Landmark
Mendipur	0.85	1.45	1.20	Round	11.00	Near Vitoba Ahinshak Suryavanshi Residence
Khairbori	1.10	1.83	0.70	Round	10.10	Near Hanuman Temple, Durga Temple
Churadi	1.20	2.60	1.10	Round	11.60	Near Primary School
Kachewani	1.5	4.80	0.55	Round	12.30	Opp. ZP. school

GROUND WATER QUALITY

GW1: Kachewani Hand Pump water

Sr.	-			Re	sults
No.	Test Parameters	Unit	As per IS 10500 : 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	0.1	0.1
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable	Agreeable
4	Turbidity NTU	NTU	1(5)	0.1	0.1
5	Total Dissolved Solid	mg / 1	500 (2000)	562	730
6	Electrical Conductivity	μS/cm	-	930	1168
7	Total Alkalinity	mg / 1	200 (600)	182	210
8	pH Value at 25°C	-	6.5 to 8.5	7.70	7.95
9	Total Hardness (CaCO3)	mg / 1	200 (600)	280	342
10	Calcium (as Ca)	mg / 1	75 (200)	74.2	80.8
11	Magnesium (as Mg)	mg / 1	30 (100)	23.0	34.0
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	0.095	0.12
14	Manganese as (Mn)	mg / 1	0.1(0.3)	0.010	0.010
15	Chlorides (as Cl)	mg / 1	250(1000)	86.4	112.7
16	Sulphate (as SO4)	mg / 1	200 (400)	82.2	96.6
17	Nitrates (as NO3)	mg / 1	45	2.15	2.40
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.70	0.90
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.34	0.4
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	< 0.1	< 0.1
30	Total Coliform	MPN/100 ml	Absent	Absent	Absent
31	E. Coli	Nos./100 ml	Absent	Absent	Absent

GW2: Mendipur Hand Pump water

Sr.				Res	sults
No.	Test Parameters	Unit	As per IS 10500 :2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	0.1	0.1
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable	Agreeable
4	Turbidity NTU	NTU	1(5)	0.1	0.1
5	Total Dissolved Solid	mg / 1	500 (2000)	377	162
6	Electrical Conductivity	μS/cm	-	612	270
7	Total Alkalinity	mg / 1	200 (600)	168	142
8	pH Value at 25°C	-	6.5 to 8.5	7.55	7.20
9	Total Hardness (CaCO3)	mg / 1	200 (600)	182	94
10	Calcium (as Ca)	mg / 1	75 (200)	51.8	21.2
11	Magnesium (as Mg)	mg / 1	30 (100)	12.8	9.9
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	0.090	0.058
14	Manganese as (Mn)	mg / 1	0.1(0.3)	< 0.01	< 0.01
15	Chlorides (as Cl)	mg / 1	250(1000)	23.5	9.2
16	Sulphate (as SO4)	mg / 1	200 (400)	13.7	8.8
17	Nitrates (as NO3)	mg / 1	45	2.10	2.00
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.65	0.30
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.24	0.10
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	< 0.1	< 0.1
30	Total Coliform	MPN/100 ml	Absent	Absent	Absent
31	E.Coli	Nos./100 ml	Absent	Absent	Absent

GW3: Garada Hand Pump water

Sr.				Re	sults
No.	Test Parameters	Unit	As per IS 10500 : 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	0.1	0.1
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable	Agreeable
4	Turbidity NTU	NTU	1(5)	0.1	0.1
5	Total Dissolved Solid	mg / 1	500 (2000)	508	164
6	Electrical Conductivity	μS/cm	-	820	272
7	Total Alkalinity	mg / 1	200 (600)	190	152
8	pH Value at 25°C	-	6.5 to 8.5	7.65	7.30
9	Total Hardness (CaCO3)	mg / 1	200 (600)	294	102
10	Calcium (as Ca)	mg / 1	75 (200)	76.8	22.2
11	Magnesium (as Mg)	mg / 1	30 (100)	24.8	11.3
12	Copper as(Cu)	mg / 1	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg / 1	0.3	0.09	0.077
14	Manganese as (Mn)	mg / 1	0.1(0.3)	< 0.01	< 0.01
15	Chlorides (as Cl)	mg / 1	250(1000)	80.5	13.0
16	Sulphate (as SO4)	mg / 1	200 (400)	29.6	10.6
17	Nitrates (as NO3)	mg / 1	45	2.25	2.05
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.70	0.35
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg / 1	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / 1	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / 1	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.30	0.30
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	< 0.1	< 0.1
30	Total Coliform	MPN/100 ml	Absent	Absent	Absent
31	E. Coli	Nos./100 ml	Absent	Absent	Absent

GW4: Chikhali Hand Pump water

Sr.				Re	sults
No.	Test Parameters	Unit	As per IS 10500 : 2012	Jun 2021	Sept. 2021
1	Apparent Colour	Hazen units	5 (15)	0.1	0.1
2	Odour	-	Agreeable	Agreeable	Agreeable
3	Taste	-	Agreeable	Agreeable	Agreeable
4	Turbidity NTU	NTU	1(5)	0.1	0.1
5	Total Dissolved Solid	mg / 1	500 (2000)	510	494
6	Electrical Conductivity	μS/cm	-	826	802
7	Total Alkalinity	mg / 1	200 (600)	172	158
8	pH Value at 25oC	-	6.5 to 8.5	7.65	7.45
9	Total Hardness (CaCO3)	mg/l	200 (600)	220	208
10	Calcium (as Ca)	mg/l	75 (200)	65.8	61.2
11	Magnesium (as Mg)	mg / 1	30 (100)	13.5	13.3
12	Copper as(Cu)	mg/l	0.05(1.5)	< 0.01	< 0.01
13	Iron (as Fe)	mg/l	0.3	0.080	0.070
14	Manganese as (Mn)	mg/l	0.1(0.3)	< 0.01	< 0.01
15	Chlorides (as Cl)	mg/l	250(1000)	22.1	16.3
16	Sulphate (as SO4)	mg/l	200 (400)	15.3	11.8
17	Nitrates (as NO3)	mg/l	45	2.15	2.05
18	Fluoride (as F)	mg / 1	1.0 (1.5)	0.75	0.60
19	Phenolic Compounds	mg / 1	0.001	BDL	BDL
20	Mercury as (Hg)	mg/l	0.001	< 0.0005	< 0.0005
21	Cadmium as (Cd)	mg / 1	0.003	< 0.001	< 0.001
22	Selenium as (Se)	mg/l	0.01	< 0.001	< 0.001
23	Arsenic as (As)	mg / l	0.01 (0.05)	< 0.01	< 0.01
24	Cyanide as (CN)	mg / l	0.05	< 0.005	< 0.005
25	Lead as (Pb)	mg / l	0.01	< 0.001	< 0.001
26	Zinc as (Zn)	mg / 1	5 (15)	0.22	0.17
27	Total Chromium as (Cr)	mg / 1	0.05	< 0.03	< 0.03
28	Mineral Oil	mg / 1	0.05	< 0.01	< 0.01
29	Free Residual Chlorine	mg / 1	0.2 (1.0)	< 0.1	< 0.1
30	Total Coliform	MPN/100 ml	Absent	Absent	Absent
31	E. Coli	Nos./100 ml	Absent	Absent	Absent

TABLE- 3.6 WASTE WATER QUALITY (Apr.2021- Sept. 2021)

Sample Category : Unit-1- Cooling Tower Blow Down water (WW-1)

			1.50 60	Results			
Sr. No.	Parameters	Unit	MPCB Limit	Jun 2021	Sept. 2021		
1.	Free Available Chlorine	mg / 1	0.5	0.22	0.24		
2.	Zinc as (Zn)	mg / 1	1.0	0.12	0.10		
3.	Total Chromium as (Cr)	mg / 1	0.2	0.015	0.011		
4.	Phosphate as (PO4)	mg/ l	5.0	1.28 1.30			

Sample Category : Unit-2- Cooling Tower Blow Down water (WW-2)

Sr.	Parameters	Unit	МРСВ	Results		
No.			Limit	Jun 2021	Sept. 2021	
1.	Free Available Chlorine	mg / 1	0.5	0.20	0.15	
2.	Zinc as (Zn)	mg / 1	1.0	0.11	0.13	
3.	Total Chromium as (Cr)	mg / 1	0.2	0.012	0.015	
4.	Phosphate as (PO4)	mg/1	5.0	1.36	1.31	

Sample Category : Unit-3- Cooling Tower Blow Down water (WW-3)

Sr.	Parameters	Unit	MPCB	Results			
No.		Cint	Limit	Jun 2021	Sept. 2021		
1.	Free Available Chlorine	mg / 1	0.5	0.22	0.20		
2.	Zinc as (Zn)	mg / 1	1.0	0.14	0.12		
3.	Total Chromium as (Cr)	mg / 1	0.2	0.012	0.011		
4.	Phosphate as (PO4)	mg/ l	5.0	1.33	1.29		

Sample Category : Unit-4-Cooling Tower Blow Down water (WW-4)

Sr.	D	TT *4	MPCB	Results		
No.	Parameters	Unit	Limit	Jun 2021	Sept. 2021	
1.	Free Available Chlorine	mg / l	0.5	0.25	0.23	
2.	Zinc as (Zn)	mg / 1	1.0	0.11	0.14	
3.	Total Chromium as (Cr)	mg / 1	0.2	0.014	0.012	
4.	Phosphate as (PO4)	mg/ l	5.0	1.31	1.35	

Sample Category : Unit-5- Cooling Tower Blow Down water (WW-5)

Sr.	Donomotous	Unit	MPCB	Results		
No.	Parameters	Unit	Limit	Jun 2021	Sept. 2021	
1.	Free Available Chlorine	mg / 1	0.5	0.21	0.20	
2.	Zinc as (Zn)	mg / 1	1.0	0.14	0.11	
3.	Total Chromium as (Cr)	mg / 1	0.2	0.012	0.013	
4.	Phosphate as (PO4)	mg/ l	5.0	1.38	1.33	

TABLE- 3.7 Pizo-metric well water Report

Monitoring Date: 28.06.2021

		STATIC WATER LEVEL OF PIZO. WELL										
Name of village	Water level from B.G.L. (m)	Total Depth of Pizo well from G.L (m)	Total Depth of Pizo well with Casing (m)	Landmark								
Pizo well (P1)	1.2	18.6	19.8	Near AWRPH								
Pizo well (P2)	1.7	20.0	21.0	B/H Ash dyke -1								
Pizo well (P3)	1.0	20.0	20.7	Near Raw Water pump house -02								

Pizo-metric well water Analysis Report

			3 11100110 11011	water Analysis N		
Sr. No.	Test Parameters	Unit	As per IS : 10500 : 2012	Pizo well (P1) Near AWRPH	Pizo well (P2) B/H Ash dyke -1	Pizo -well (P3) Near Raw Water pump house -02
1	pН		6.5 to 8.5	7.70	8.05	7.70
2	Total Dissolved Solid	mg / 1	500 (2000)	484	470	508
3	Electrical Conductivity	μS/cm	-	786	760	822
4	Copper as(Cu)	mg / 1	0.05 (1.5)	< 0.01	< 0.01	< 0.01
5	Iron (as Fe)	mg / 1	0.3 (1.0)	0.12	0.11	0.10
6	Manganese as (Mn)	mg / 1	0.1 (0.3)	0.055	0.076	0.050
7	Mercury as (Hg)	mg / 1	0.001	< 0.0005	< 0.0005	< 0.0005
8	Cadmium as (Cd)	mg / 1	0.01	0.0014	0.0015	0.0010
9	Selenium as (Se)	mg / 1	0.01	0.0010	0.0010	0.0010
10	Arsenic as (As)	mg / 1	0.05	0.0075	0.006	0.010
11	Cyanide as (CN)	mg / 1	0.05	< 0.005	< 0.005	< 0.005
12	Lead as (Pb)	mg / 1	0.05	0.0016	0.0015	0.0011
13	Zinc as (Zn)	mg / 1	5 (15)	1.85	2.17	2.35
14	Total Chromium as (Cr)	mg / 1	0.05	< 0.010	< 0.010	< 0.010

TABLE- 3.8 Noise Level (Within Plant area)

				RESUL	T (dBA)		
SL.	LOCATION			DA	AY		
NO.		April 2021	May 2021	Jun. 2021	Jul. 2021	Aug. 2021	Sept. 2021
1	Near Shanti Niketan I, II & III	57.7	59.0	59.8	60.4	50.3	63.1
2	Near Labour Hutment	62.7	65.1	62.6	62.5	65.2	61.8
3	Near Store Area	66.7	59.2	62.9	61.3	62.7	63.0
4	Gate No.1	54.9	60.8	55.3	56.7	58.7	52.9
5	Gate No.2	66.2	61.1	65.3	64.8	64.7	64.6
6	Gate No.3	71.2	71.9	73.1	73.5	70.8	70.4
7	Near OHC	56.3	51.8	55.2	53.7	60.0	53.8
8	Railway Siding	67.0	67.3	64.9	67.2	66.5	66.4
9	Near Reservoir 2	59.4	56.8	54.6	54.8	52.8	53.8
10	Near Ash Water Recovery Pump House	61.3	59.5	64.0	64.7	54.5	64.5
11	In China Colony	41.0	40.5	39.0	46.2	39.4	39.9
С	PCB Standards			•		•	
Ir	ndustrial Area			7	' 5		-

				RESUL	T (dBA)				
SL.	LOCATION			NIC	GHT				
NO.	Boeilion	April 2021	May 2021	Jun. 2021	Jul. 2021	Aug. 2021	Sept. 2021		
1	Near Shanti Niketan I II & III	51.8	50.8	51.2	50.7	45.4	53.0		
2	Near Labour Hutment	59.8	58.2	55.5	53.8	52.8	55.8		
3	Near Store Area	61.5	51.5	50.2	55.5	53.5	51.2		
4	Gate No.1	50.5	49.2	45.1	49.2	48.2	50.2		
5	Gate No.2	51.4	50.4	55.5	42.4	41.0	51.3		
6	Gate No.3	65.5	68.5	69.4	58.5	62.5	65.5		
7	Near OHC	41.5	45.5	48.8	40.5	41.5	42.5		
8	Railway Siding	58.8	57.8	52.2	51.8	50.8	55.9		
9	Near Reservoir 2	47.9	46.9	44.2	42.9	40.9	47.8		
10	Near Ash Water Recovery Pump House	45.5	49.5	52.2	54.5	44.5	57.5		
11	In China Colony	38.9	39.9	35.5	39.9	37.2	38.3		
С	CPCB Standards			•					
Ir	ndustrial Area	70							

TABLE- 3.9 SOIL ANALYSIS as Per IS 2720 for (Jun.2021)

Sr. No.	Test Parameters	Unit	Garada Village	Mendipur Village	Churdi Village
1	pН	-	7.90	7.90	8.0
2	E. Conductivity	μs/cm	551	494	494
3	Nitrogen as N	Kg/ha	248	208	218
4	Phosphorus as P2O5	Kg/ha	132.2	77.5	68.6
5	Potassium as K	Kg/ha	74.5	63.3	53.7
6	Calcium (as Ca)	Kg/ha	3.58	3.81	3.81
7	Magnesium (as Mg)	Kg/ha	1.34	1.05	1.10
8	Total Organic Carbon	%	0.714	0.772	0.693
9	Iron as Fe	Kg/ha	2.45	2.51	2.31
10	Boron as B	Kg/ha	ND	ND	ND
11	Natural Moisture Content	%	6.5	6.3	6.4
12	Field Capacity	%	6.9	6.7	7.0
13	Wilting Coefficient	%	0.70	0.68	0.70
14	Available Water Storage Capacity	%	0.69	0.71	0.68
15	Bulk Density	gm/cc	1.38	1.37	1.37
16	Grain size Distribution: a) Sand	%	32.4	36.6	33.8
	b) Silt	%	33.3	29.7	31.7
	c) Clay	%	34.3	33.7	34.5
17	Cation Exchange Capacity	meq/100gm	38.1	34.3	31.9
18	Biological Status:				
	a) Total Heterotrophy	CFU	47.1 x103/gm	28.8 x103/gm	43.1 x103/gm
	b) Azetobacter	CFU	44.6 x103/gm	35.6 x103/gm	33.5 x103/gm
	c) Actinomycetes	CFU	28.8 x101/gm	25.7 x102/gm	40.3 x103/gm
	d) Yeast	CFU	137 x102/gm	163 x102/gm	171 x102/gm

Annexure I - On site Meteorological Data for APR. 2021- SEPT. 2021

Apr. 2021

Date	Wind Direction (Blowing		Speed n/hr)	Tem	perature	(°C)	Н	umidity (%	%)	Barometric Pressure (mBar)	Rainfall (mm)
	From)	Max.	Avg.	Max	Min	Avg.	Max	Min	Avg	(Average)	
01.04.2021	S	28.7	3.4	40.0	23.3	30.9	58.8	24.7	35.7	972.5	0.0
02.04.2021	SSE	36.6	3.6	38.9	20.6	30.0	54.8	22.8	33.4	974.2	0.0
03.04.2021	ESE	30.6	3.9	39.6	20.6	30.8	47.0	22.8	31.0	975.1	0.0
04.04.2021	ESE	28.9	3.3	38.7	22.5	29.8	54.2	25.2	37.4	977.3	0.0
05.04.2021	ESE	38.5	3.7	39.6	21.8	30.7	56.2	21.8	31.1	978.2	0.0
06.04.2021	NNW	30.4	4.9	40.2	19.3	30.1	64.9	24.6	39.3	977.8	0.0
07.04.2021	SSW	28.2	3.1	40.1	23.5	31.3	68.3	29.8	46.4	978.0	0.0
08.04.2021	SSE	48.7	6.8	40.3	25.0	31.9	61.6	31.3	44.8	976.0	0.0
09.04.2021	SSE	27.6	3.4	40.1	22.1	30.8	57.6	23.5	34.2	971.3	0.0
10.04.2021	S	30.2	3.96	41.2	23.1	29.9	48.1	22.6	31.2	973.0	0.0
11.04.2021	ESE	28.8	3.4	38.9	22.6	29.4	55.2	27.2	37.1	976.0	0.0
12.04.2021	SSW	38.5	3.7	40.0	22.3	31.3	58.1	22.5	30.2	989.0	0.0
13.04.2021	SSW	27.3	4.7	41.6	20.3	31.6	61.2	21.6	38.7	974.0	0.0
18.04.2021	SWW	29.7	4.90	39.4	21.7	30.2	64.2	30.1	43.5	975.0	0.0
19.04.2021	NW	30.2	2.9	42.6	26.8	32.6	65.9	32.4	43.2	977.0	0.0
20.04.2021	WWS	28.3	3.9	41.6	22.5	31.3	56.1	22.6	34.2	975.0	0.0
21.04.2021	SSW	31.2	4.3	38.5	21.0	29.5	55.7	21.3	34.3	971.0	0.0
22.04.2021	N	28.6	3.3	40.2	21.8	29.1	49.0	24.3	30.3	973.0	0.0
23.04.2021	SSW	29.1	4.9	42.6	22.7	32.4	57.3	20.1	30.2	976.0	0.0
24.04.2021	ESE	29.2	3.1	44.9	25.6	30.4	50.3	22.1	30.2	978.0	0.0
25.04.2021	SSW	28.6	3.9	42.6	22.2	30.6	61.2	31.5	42.6	977.0	0.0
26.04.2021	SW	29.3	3.4	41.8	23.6	30.2	58.2	23.4	36.3	976.0	0.0
27.04.2021	SSW	29.7	30.1	42.2	26.3	32.8	58.4	30.9	45.7	978.0	0.0
28.04.2021	ESE	30.5	3.9	42.6	21.3	32.0	51.3	23.8	33.1	973.0	0.0
29.04.2021	SSE	28.4	2.9	43.5	27.4	33.2	48.2	23.1	33.5	971.0	0.0
30.04.2021	SEE	32.6	4.0	39.6	20.8	30.1	58.1	20.3	30.5	789.0	0.0

May 2021

Date	Wind Direction (Blowing		Speed n/hr)	Tem	perature	(°C)	Н	umidity (%	%)	Barometric Pressure (mBar)	Rainfall (mm)
	From)	Max.	Avg.	Max	Min	Avg.	Max	Min	Avg	(Average)	
01.05.2021	SSE	28.7	3.43	40	23.3	30.9	58.8	24.7	35.7	972.5	0.0
02.05.2021	N	34.0	4.3	39.7	21.3	30.1	56.2	23.5	33.6	978.0	0.0
03.05.2021	Е	47.0	5.1	39.5	21.4	35.1	58.4	24.8	35.7	974.0	0.0
04.05.2021	N	30.0	3.8	43.5	23.1	34.7	54.3	21.7	32.6	975.0	0.0
05.05.2021	NW	27.2	3.1	43.6	24.8	34.5	60.2	26.4	39.5	976.2	0.0
06.05.2021	NNW	32.4	3.8	41.3	21.5	31.6	59.6	29.4	34.2	979.0	0.0
07.05.2021	ESE	30.1	4.3	40.7	24.3	30.2	53.7	25.1	34.8	974.0	0.0
08.05.2021	SSW	68.0	5.3	39.0	22.4	31.3	52.7	21.2	32.6	971.0	11.3
09.05.2021	SSE	52	4.2	29	21	24.1	66	22.1	32.6	978.0	0.0
10.05.2021	NNW	63	4.62	35	18.6	31.7	92.7	45.9	53.7	973.5	23.5
11.05.2021	SSW	47.2	4.84	37.1	22.1	28.6	85.7	39.5	62.8	974.7	0.0
12.05.2021	WNW	33.3	5.8	39.6	24.4	30.8	74.5	33.5	54.3	973.0	0.0
13.05.2021	SSW	34.6	4.7	37.7	26.3	31.9	69.3	32.2	47.9	972.2	0.0
14.05.2021	NW	39.4	8.90	39.5	22.5	31.0	72.2	31	51.6	979.2	0.0
15.05.2021	SSW	43.2	5.57	40	25.2	34.1	72.5	24.7	38.9	973.7	0.0
16.05.2021	SSW	43.2	5.57	40	25.2	34.1	72.5	24.7	38.9	973.7	0.0
17.05.2021	NW	55.8	7.84	40	23.4	31.3	58.8	24.7	36.1	973.4	0.0
18.05.2021	EES	97.2	26.32	37.6	24.9	30.4	69.5	28.5	46.9	975.6	0.5
19.05.2021	NNE	105.7	24.25	35.2	23	27.4	71.3	33.9	57.7	975.6	0.7
20.05.2021	ESE	100.2	29.81	33.5	22.7	28.8	71.5	30.6	48.7	975.6	0.2
21.05.2021	SW	75.8	22.4	36.9	22.5	30.2	62.9	22.0	37.0	975.6	0.0
22.05.2021	SSW	86	21.92	38.8	23.5	30.5	56.4	19.8	36.0	975.6	0.0
23.05.2021	SW	93.8	21.13	39.7	24.5	30.6	53.1	17.7	36.3	975.6	0.0
24.05.2021	SSW	78.8	23.4	38.7	27.8	34.0	38.9	16.2	25.9	975.6	0.0
25.05.2021	S	75.8	22.6	37.6	23.6	30.4	42.4	12.1	24.5	973.2	0.0
26.05.2021	S	105.3	23.58	39.3	23	31.5	48.1	11.6	22.9	971.2	0.0
27.05.2021	SE	77.8	22.33	39.6	24.1	31.7	46.3	12.5	25.8	971.4	0.0
28.05.2021	Е	84.3	25.3	40.1	25.0	32.5	48.7	16.0	29.9	973.3	0.0

Jun. 2021

Date	Wind Direction		Speed n/hr)	Tem	perature	(°C)		Humidity	(%)	Barometric Pressure (mBar)	Rainfall (mm)
Date	(Blowing From)	Max.	Avg.	Max	Min	Avg.	Max	Min	Avg	(Average)	Kaiman (iiiii)
01.06.2021	Е	62.2	22.2	37.6	26.9	30.8	55.9	26.0	40.7	974.6	0.0
02.06.2021	Е	81.5	25.2	34.4	26.1	29.6	54.8	29.5	43.3	976.0	0.0
03.06.2021	NW	96.2	26.4	38.1	24.4	29.7	63.6	22.7	43.9	976.8	0.0
04.06.2021	NW	104.0	24.0	37.8	21.5	26.1	77.3	30.5	60.0	977.1	13.3
05.06.2021	NNW	64.5	22.5	37.2	22.4	27.4	78.0	30.9	58.4	976.9	0.8
06.06.2021	NNW	57.7	23.8	38.7	24.5	30.7	70.7	24.4	46.1	975.9	0.2
07.06.2021	ENE	77.5	21.9	40.2	25.5	29.2	66.3	22.7	50.3	975.3	3.4
08.06.2021	NE	106.7	23.2	37.8	23.8	26.8	69.7	31.6	59.5	974.2	0.2
09.06.2021	Е	68.3	25.5	35.3	23.2	27.6	75.2	31.4	56.2	973.4	0.2
10.06.2021	Е	82.6	23.9	27.8	21.4	23.6	79.0	56.7	68.8	972.6	16.9
11.06.2021	Е	88.7	32.0	28.9	20.4	23.0	79.6	58.0	73.4	971.8	4.2
12.06.2021	Е	82.2	29.1	30.6	20.8	24.5	78.7	42.2	66.1	972.2	6.1
13.06.2021	Е	106.0	24.0	33.7	23.3	26.7	78.1	41.6	64.1	971.0	2.5
14.06.2021	NNW	106.7	27.8	34.4	22.2	25.9	77.2	36.8	63.5	970.2	3.9
15.06.2021	ENE	106.4	25.7	33.9	22.6	25.6	77.2	41.0	64.0	970.3	0.2
16.06.2021	ENE	106.7	24.9	35.3	21.0	25.9	74.2	41.8	63.6	971.8	4.8
17.06.2021	ENE	75.1	26.72	33.5	23	26.5	75.1	38.9	61.4	972.0	0.0
18.06.2021	ENE	91.4	27.25	31.4	22.4	25.4	79.4	44.7	66.6	972.9	18.6
19.06.2021	ENE	94.8	25.73	28.9	22.4	24.5	77.7	54.3	69.9	974.3	4.5
20.06.2021	Е	106.7	27.38	32.6	22.5	26.1	76.9	40.9	62.8	975.1	3.4
21.06.2021	Е	78.8	29.36	33.3	22.9	28.0	77.3	35	55.2	975.1	0.0
22.06.2021	Е	106.7	28.24	34	19.9	26.7	80	37.7	59.7	974.5	30.0
23.06.2021	ENE	97.5	25.85	29.1	19.6	23.0	80.8	51.1	72.8	974.4	21.7
24.06.2021	Е	83.9	30.90	27.9	19.1	23.1	81.1	59.2	72.6	974.4	38.0
25.06.2021	Е	55.0	23.0	27.8	19.3	23.6	80.0	57.0	71.2	973.7	7.0
26.06.2021	NNW	93.8	20.76	34.8	22.5	26.0	80.1	41.8	66.5	973.7	0.2
27.06.2021	NW	94.5	19.95	36.3	22.6	26.9	74.8	36.1	62.3	975.1	0.0
28.06.2021	N	64.5	21.35	34.2	23.8	28.0	78.7	39.1	62.0	975.6	0.8
29.06.2021	ENE	64.5	23.86	35	23.8	28.1	74.9	40	59.8	975.2	0.0
30.06.2021	N	82.2	26.36	34.1	24.6	28.3	75.5	41.4	60.4	974.6	0.0

<u>July</u> <u>2021</u>

Date	Wind Direction (Blowing		Speed n/hr)	Tem	perature	(°C)		Humidity	(%)	Barometric Pressure (mBar)	Rainfall (mm)
	From)	Max.	Avg.	Max	Min	Avg.	Max	Min	Avg	(Average)	
01.07.2021	Е	103	24.58	35.2	23.3	26.2	75.5	40.2	65.7	973.7	5.9
02.07.2021	NNW	66.2	22.0	30.5	23.2	25.9	75.0	50.7	67.7	974.3	0.4
03.07.2021	ENE	64.5	23.66	34.7	24.1	28.2	74.3	37.3	59.4	974.9	0.0
04.07.2021	N	60.1	22.4	36.2	25.1	29.9	71.8	32.9	53.0	975.4	0.0
05.07.2021	NNW	53	20.27	35.1	25.3	29.1	68.5	34.9	55.3	975.7	0.0
06.07.2021	ENE	76.4	22.82	38.6	23.3	28.4	72.6	33.9	56.9	974.7	0.0
07.07.2021	E	70.7	25.21	37.4	24.2	29.4	73.4	32.1	53.6	974.1	0.0
08.07.2021	NNW	67.6	23.29	24.5	20.5	22.6	81	69.7	77.1	974.8	86.7
09.07.2021	ENE	53.3	20.69	33.3	22.3	26.7	80	42.9	65.1	973.3	0.2
10.07.2021	NW	53.3	22.16	32.9	24.3	27.4	74.7	45	64.4	972.2	1.1
11.07.2021	NNW	65.6	22.28	32.9	23.1	28.0	76.2	43.1	61.6	972.4	0.2
12.07.2021	NW	81.5	26.46	33.7	24.9	28.5	72.1	41.3	57.2	973.1	0.2
13.07.2021	WNW	75.4	24.84	33.7	23.8	28.0	75.4	39.5	59.5	972.8	0.3
14.07.2021	NW	65.2	25.57	31.2	23.6	26.7	76.7	47.1	63.3	972.6	0.0
15.07.2021	NW	75.8	29.13	33.9	22.8	27.4	78.6	39.8	61.4	973.3	0.2
16.07.2021	NNW	73.4	24.21	33.4	23.3	27.7	78.3	40.8	61.5	975.8	8.3
17.07.2021	NNW	52.3	21.80	35.7	24	28.8	74.7	36.8	57.8	975.9	0.0
18.07.2021	NNW	74.7	22.59	34.6	25.1	28.7	74.5	41.5	60.0	974.1	0.0
19.07.2021	N	79.2	22.78	33.8	23.6	27.9	73.6	40.7	59.4	973.3	0.0
20.07.2021	Е	89	27.39	30.5	23	25.3	78.8	51.8	71.5	973.6	28.4
21.07.2021	Е	76.8	30.84	28.9	22.6	23.7	80.3	66.1	77.1	972.1	28.1
22.07.2021	SE	77.8	23.76	30.9	22.2	24.9	80.6	51.7	73.1	969.4	65.7
23.07.2021	Е	86	30.71	29.1	22.1	23.8	81.5	58.5	75.6	969.9	14.7
24.07.2021	Е	72.4	32.03	27.2	22	24.2	78.4	63.1	72.4	970.9	4.3
25.07.2021	ENE	96.2	31.80	29.8	23.6	26.1	74.9	52.5	65.3	971.9	0.0
26.07.2021	ENE	91.1	32.13	29.7	22.8	25.2	79	51	67.5	972.8	11.4
27.07.2021	Е	81.2	31.28	24	22.1	23.1	79.6	71.9	76.8	972.6	22.9
28.07.2021	ENE	106.0	27.01	25.3	21.9	22.8	81.1	67.1	78.2	973.4	33.0
29.07.2021	Е	82.6	33.01	26.9	22.2	23.9	80.3	62	73.1	973.7	1.4
30.07.2021	Е	106.7	33.49	23.6	19.4	22.4	81.3	68.8	78.8	973.9	46.9
31.07.2021	Е	97.2	33.89	26.1	22.4	24.0	80.8	60.2	72.0	973.7	4.8

Aug. 2021

Date	Wind Direction (Blowing		Speed n/hr)	Tem	perature	(°C)		Humidity	(%)	Barometric Pressure (mBar)	Rainfall (mm)
	From)	Max.	Avg.	Max	Min	Avg.	Max	Min	Avg	(Average)	
01.08.2021	ENE	79.8	25.83	25.8	22.4	24.0	79.7	64.3	72.6	971.8	4.3
02.08.2021	ENE	80.6	26.19	25.6	20.1	23.8	79.9	62.5	72.8	973.8	0.9
03.08.2021	ENE	78.1	25.95	28.3	22.5	24.5	79.1	57.6	70.6	972.3	0.0
04.08.2021	Е	84.6	33.39	28.4	19.4	22.5	79.6	68.4	76.8	973.9	2.6
05.08.2021	ENE	78.3	28.72	28.9	19.5	23.8	79.7	60.2	72.3	974.2	0.0
06.08.2021	E	73.7	28.24	29	22.5	25.3	79.2	53.4	68.1	973.5	0.0
07.08.2021	ENE	105.3	27.75	31.7	22.1	26.0	80.3	46.9	66.5	974.8	34.8
08.08.2021	ENE	67.3	23.60	32	23.3	27.0	80	45.4	65.3	976.0	0.0
09.08.2021	E	78.3	28.10	30.5	21.3	26.1	79.6	45.2	67.0	974.8	5.6
10.08.2021	Е	83.4	27.47	26.9	20.3	24.6	82.5	50.3	73.9	969.5	34.8
11.08.2021	Е	78.1	28.45	31.7	22.5	26.9	78.8	45.2	62.7	974.4	0.0
12.08.2021	Е	67.9	23.04	35.2	23.1	28.0	75.7	37.8	60.6	976.7	0.0
13.08.2021	ESE	67.5	23.80	33.6	23.7	27.5	77.9	44.9	62.3	976.1	0.0
14.08.2021	SE	62.3	14.47	31.4	21.8	26.2	77.9	38.6	57.6	978.3	0.0
15.08.2021	ESE	89.4	22.19	34.9	23.9	27.0	75.8	37.8	63.4	974.6	0.0
16.08.2021	N	65.6	21.91	32.9	23.6	26.4	77.8	46.1	68.7	975.5	4.7
17.08.2021	Е	58.1	23.53	31.9	22.6	24.8	81	50.5	74.6	975.2	21.8
18.08.2021	NE	67.2	21.13	27.9	22.6	25.5	80.9	54.9	71.8	974.5	16.5
19.08.2021	NE	79.6	24.37	23.8	19.2	21.8	82.3	52	73.1	969.5	53.8
20.08.2021	ESE	70.8	22.55	32.7	21.2	27.9	79.5	43.1	61.6	972.4	0.7
21.08.2021	NNW	56.7	25.07	31.3	24.9	28.0	73.6	46.4	60.1	976.9	0.0
22.08.2021	NNW	65.2	29.63	28.7	23.3	24.3	75.3	55.9	72.0	977.9	0.0
23.08.2021	NE	72.6	25.01	27.5	21.5	24.4	77.5	57.6	71.1	972.3	0.0
24.08.2021	NE	58.8	26.80	30.8	22.4	25.7	69.2	56.2	65.7	974.6	0.0
25.08.2021	Е	42.8	27.15	27.8	25.8	26.7	64.6	57.5	61.6	975.2	0.0
26.08.2021	Е	73.7	28.73	31.9	23.8	27.2	77.1	43.7	62.0	974.4	0.0
27.08.2021	Е	57.1	23.47	34.7	23.4	28.3	79.3	35.6	57.6	974.6	0.0
28.08.2021	ESE	66.6	22.73	33.9	23	27.0	79.1	40.6	63.7	973.5	2.6
29.08.2021	ENE	87.3	22.04	31.6	23.3	25.3	79.6	49.4	73.2	972.8	41.6
30.08.2021	W	78.1	24.29	32.2	23.3	26.6	80.2	44.6	67.5	973.8	7.5
31.08.2021	NW	86.6	30.28	32.5	22.8	26.3	78.2	44.2	64.9	975.6	2.3

Sept. 2021

Date	Wind Direction (Blowing		Speed n/hr)	Tem	perature	(°C)		Humidity	(%)	Barometric Pressure (mBar)	Rainfall (mm)
	From)	Max.	Avg.	Max	Min	Avg.	Max	Min	Avg	(Average)	
01.09.2021	NW	62.5	33.9	31.2	22.9	26.7	77.5	43.7	63.0	975.3	0.0
02.09.2021	N	65.7	26.47	33.8	21.3	28.8	73.7	36.8	57.8	975.9	0.0
03.09.2021	NE	82.2	22.53	32.6	23.1	27.4	77.2	47.5	64.2	975.4	11.3
04.09.2021	SE	78.2	31.71	32.9	22.5	27.0	78.3	42.3	63.3	975.3	2.2
05.09.2021	N	79.2	23.63	34.9	23.4	28.4	80.3	35.8	57.6	974.6	1.3
06.09.2021	W	81.6	23.71	33.4	21.9	26.2	83.4	47.8	68.9	975.5	26.0
07.09.2021	NW	78.8	27.83	30.9	22.8	26.0	79.2	48.7	68.3	972.6	57.1
08.09.2021	NNW	91.1	32.69	29.1	22.1	23.9	81	58.5	74.7	970.5	17.8
09.09.2021	NE	65.2	21.5	32.4	22.4	28.4	85.4	52.6	76.8	975.1	18.4
10.09.2021	NW	71.5	19.8	30.5	21.9	26.5	86.1	55.7	77.6	973.4	15.7
11.09.2021	Е	78.6	27.22	31.5	21.6	27.7	80	47.2	63.0	973.8	20.6
12.09.2021	WNW	81.6	21.74	29.3	21.4	23.6	80.8	54.6	74.5	973.7	31.4
13.09.2021	ENE	64.9	25.15	33.7	22	27.6	80.6	45.3	64.4	971.8	28.9
14.09.2021	Е	75.4	32.32	30.7	22.3	24.8	80.7	52.3	74.2	971.5	14.4
15.09.2021	ENE	76.8	28.56	28.5	21.3	24.2	80	57.6	74.6	970.7	10.3
16.09.2021	Е	79.2	27.39	30.3	21.6	25.9	79.9	45.2	67.0	974.8	7.4
17.09.2021	N	73	26.70	29.8	23.1	25.6	78.1	54.4	68.2	975.3	0.0
18.09.2021	Е	55.7	25.38	30.8	22.7	26.2	79.9	46.6	66.2	976.8	0.0
19.09.2021	NNW	57.1	25.78	31.1	22.7	26.7	79.7	46.6	65.4	978.4	0.0
20.09.2021	NNW	51.6	22.29	27.2	21.3	23.9	80.2	60.2	73.8	977.8	10.3
21.09.2021	Е	51.3	22.95	29.6	22.8	24.4	80.2	55.8	74.5	976.2	4.5
22.09.2021	NE	78.8	22.30	33.9	22.3	25.2	81.3	43.4	70.1	974.7	0.0
23.09.2021	ENE	56.4	21.22	33.6	22.6	26.3	79.9	43.4	67.1	975.3	0.0
24.09.2021	NNW	106.7	23.18	33.3	21.8	25.7	78.6	44.3	69.1	976.7	4.7
25.09.2021	N	51.3	21.80	30.9	22.9	26.4	79.6	52.8	67.9	976.5	0.0
26.09.2021	W	68.6	25.54	30.3	21.9	26.1	80.1	45.2	67.0	974.8	4.8
27.09.2021	WSW	94.1	23.59	31.5	25.5	27.7	66.2	45.1	57.4	973.1	0.0
28.09.2021	NW	93.4	28.81	30.8	23.2	26.1	71.6	46.3	61.7	974.8	0.0
29.09.2021	NW	39.3	22.19	33.2	22.6	26.7	77.7	42.3	63.2	977.6	0.0
30.09.2021	Е	38.2	20.44	33.7	23.1	27.5	80.6	40.6	62.7	978.5	0.0



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7.0/F01

Issued To:	APML,Plot No. A -1, Tird Dist, Gondia = 441 011	APML,Plot No. A -1, Tirora Growth Centre, MIDC – Tirora, Dist, Gondia – 441 911						
Sample Particulars :	Stack Monitoring							
Sample Collected by :	Environment Dept. API	Environment Dept. APML						
1 Sampling Location		Unit -1						
2 Date of Sampling	Ř	29.04.2021						
3 Time of Sampling		10:28 AM						
4 Load (MW)	1	645						
5 Height of Stack (Me	(or) :	275						
6 Diameter of Stack (I	Nator) :	7.4						
7 Type of Fuel	1	Coal						
8 Flue Gas Temperati	(re (° C) :	125						
9 Flue Gas Velocity (A	Msec) :	23.51						
10 Flow of Exit Gas at	NTP (NM ³ /Hr) L	2621992						

Sr. No	Tost Parameters	Test Method	MPCB Standards	Units	Results *
5	PM	18 11256 (Part- 1):1985	50	Mg/Nm³	44.2
2	SO ₂	15 11255 (Part 2) 1985	200	Mg/Nm³	983,3
3	NOx	IS 11255 (Part 7) 2005	450	Mg/Nm²	410.0

*Results are corrected with 6% caygers

""End of the Report""

Note: Teated results are well within the permissible limits of MPCB.

1. The report is referring only to the tauted sample and for applicable parameter.

2. The sample will be destroyed after returnion time unless otherwise specified apacially.

3. This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law.

4 # As per MoEFACG Notification the SO2 Limit will be applicable after installation of FGD (Major 2023, Hargh 2024)

Authorized Signatory (Technical Manager)

Page 1 of 1

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(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7:8/F01

C61	9321000000427F			Date: 30	0.04.2021		
	Issued To:	APML,Piot No. A -1 Dist. Gondia – 441	, Tirora Growth Centre 911	e, MIDG – Tirora,			
80	mple Particulars :	Stack Monitoring					
Sai	mple Collected by :	Environment Dept	APML				
1	Sampling Location		Unit-	2			
2	Date of Sampling	1	29.04.20	321			
3	Time of Sampling	ý	11:10 A				
4	Load (MVV)	ij	660				
5	Height of Stack (Me	tor) :	275				
0	Diameter of Stack (I	Vator) t	7.4				
7	Type of Fuel	15	Cost				
0	Flue Gas Temperati	are ([®] C) :	123				
0	Flue Gas Velocity (f	Macc) :	22.91				
10	Flow of Exit Gas at	NTP (NM³/Hr) :	25686	36			
Sr. No	Test Parameters	Test Method	MPCB Standards	Units	Resulta *		
1	PM	IS 11255 (Part- 1):1985	50	Mg/Nm ³	45.8		
2	SO ₂	45 11255 (Part 2) 1985	200	Mg/Nm ³	972.0		

* Requils are corrected with 5% prygen

KON

3

End of the Report

450

Mg/Nm³

cotal Law

Note: Testad results are well within the permissible limits of MPCB.

1. The report is referring only to the tested sample and for applicable parameter

1985 IS 11265 (Part 7)

2005

2 The sample will be destroyed after retention time unless otherwise specified specially.
3 This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law.

4 # As per MoEFACC Natification the SQ2 Limit will be applicable after installation of ECD - (March 2029 March 2024)

Authorized Signatory (Technical Manager)

399.9

Page 1 of 1



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7.8/F01

leaved To:	APML,Plot No. A -1, Tire Dist. Gondia - 441 911	APML, Plot No. A -1, Tirora Growth Centre, MIDC – Tirora, Dist. Gondia – 441 911						
Sample Particulars (Stack Monitoring Environment Dept. APML							
Sample Collected by :								
1 Sampling Location	*	Unit -3						
2 Date of Sampling	E.	29.04.2021						
3 Time of Sampling	¥	11:20 AM						
4 Load (MW)	¥	640						
5 Height of Stack (Me	itor) :	275						
B Diameter of Stack (Meter) :	7.4						
7 Type of Fuel	ŧ	Coal						
B Flue Gas Temperat	ure (⁹ C) ‡	122						
Flue Gas Velocity (M/sec)		22.94						
0 Flow of Exit Gas at	NTP (NM ³ /Hr) :	2578885						

Sr. No	Test Parameters	Test Method	MPCB Standards	Units	Results *
3	PM	IS 11255 (Part- 1):1985	50	Mg/Nm³	40.5
2	802	18 11255 (Part 2) 1985	200	Mg/Nm ³	979.1
3	Nox	IS 11255 (Part 7) 2005	450	Mg/Nm ³	416.7

^{*} Flesulfa are corrected with 8% oxygen

""End of the Report""

Note: Tested results are well within the parmissible limits of MPCB.

1. The report is referring only to the lested sample and for applicable parameter.

2. The sample will be destroyed after retention time unless otherwise specified specially

3. This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law.

4 # As par Moli-F&CC Notification the SO2 Limit will be applicable after installation of FOD: (March 2023)

Authorized Signatory

Page 1 of 1

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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7.8/F01

C518	321000000429F			Date: 30	0.04.2021			
			TEST REPORT					
	Issued To:	APML,Plot No. A Dist. Gondia – 44	1, Tirora Growth Cent I 911	re, MIDC – Tirora,				
San	nple Particulars :	Stack Monitoring						
Sam	ple Collected by :	Environment Dep	DL APML					
1 5	ampling Location	Ĭ.	Unit -	4				
2 0	ate of Sampling	1	29.04.2	021				
a T	ime of Sampling		12:00 PM					
4 L	Load (MW)		642					
5 H	leight of Stack (Me	tor) :	276					
6 D	Nameter of Stack (N	Neter) ;	7.4					
7 1	ype of Fuel	8	Coa	Coal				
8 F	lue Gas Temperatu	ire (°C) :	125					
9 F	lue Gas Velocity (N	Maec) ;	22.6	9				
10 F	10 Flow of Exit Gas at NTP (NM ³ /Hr):		25837	81				
Sr. No	Test Parameters	Test Method	MPCB Standards	Units	Results			
4	PM	IS 11255	50	Mg/Nm³	40			

Sr. No	Test Parameters	Test Method	MPCB Standards	Units	Results
1	PM	IS 11255 (Part: 1):1985	50	Mg/Nm³	40
2	80,	IS 11255 (Part 2) 1985	200	Mg/Nm ¹	976
3	NOX	IS 11255 (Part 7) 2005	450	Mg/Nm³	427

^{*} Results are corrected with 6% oxygen

""End of the Report""

Note: Tested results are well within the permissible limits of MPCB.

1. The report is referring only to the tested sample and for applicable parameter.

The sample will be destroyed after retention time unless atherwise specified aboutily

This report is not to be reproducing whally or in part, and can't be used as evidence in court of law.

4 # As per McEP&CC Notification the SO2 Limit will be applicable after installation of figure (March 2005)Ms.

Authorized Signatory (Technical Manager)

Page 1 of 1



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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7.8/F01

C5	19321000000430#			Date: 3	0.04.2021		
			TEST REPORT				
	Issued To:	APML,Plot No. A Dist. Gondin - 44	1, Tirora Growth Cent I 911	re, MIDC - Tirora.	i		
S	ample Particulars :	Stack Monitoring	Stack Monitoring				
Sa	mple Collected by :	Environment Dep	at. APML	_			
1	Sampling Location		Unit	-6			
2	Date of Sampling	1	29.04.2	021			
3	Time of Sampling	Ť.	12:38 FM				
4	Load (MW)	1	653				
ń	Height of Stack (Me	ter) :	275				
8	Diameter of Stack (Vioter) :	7.4				
7	Type of Fuel	b	Cos	ì			
8	Flue Gas Temperati	110 (⁰ C) :	117				
9	9 Flue Gas Velocity (M/sec) :		23.7	6			
10	Flow of Exit Gas at	NTP (NM³/Hr) :	27046	80			
Sr. No	Test Paramoters	Test Method	MPCB Standards	Units	Results		
31	2240	18 11258	28.1	100 YEAR #42	22		

Sr. No	Test Parameters	Test Method	MPGB Standards	Units	Results
1	PM	IS 11255 (Part-1):1995	50	Mg/Nm³	43
2	80,	19 11255 (Part 2) 1985	200	Mg/Nm ³	963
3	NOx	IS 11265 (Part 7) 2005	450	Mg/Nm ⁰	404

^{*} Pheeutte eine ochrustest with 51% oxygen

"Hend of the Report"

Note: Tested results are well within the permissible limits of MPCB.

1. The report is referring only to the tested sample and for applicable parameters

The sample will be destroyed after retention time unless otherwise specified specially.
 This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law.

4 # As per McEF&CC Molification the BO2 Limit will be applicable after installation of FGC, (March 2023, March 2024)

Authorized Signatory /C

Page 1 of 1



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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LO/7.8/F01

UNL No : TCS193210000000401F

Date 30.04.2021

	Insued To:	APML, Plot No. A	-1, Tirora Grewith Co-	ntre, MIDC -	Tirore, Dist. G	andia - 441 91	Y.	
Sample Particulars : Sample Collected by :		Ambient Air Quality (Plant) Environment Dept. APMI.						
					Pari	meters		
Station	Sampling Location	Sampling Date	Analysis Starting	PM 10	MW 5'2	502	NOH	
2000000	CHANGE SHIPE	minute MADON	Dote	ug/m3	µg/m3	Hg/m3	pg/m3	
		02.04.2021	03.04:2021	83.9	34.1	9.0	24.1	
		05.04.2021	06.04,2021	79.1	31,9	12.9	24,7	
		09.04.2021	10,04,2021	71.1	26.4	11.7	16.2	
		12,04,2021	13.04.2021	18.6	28.8	10.8	19,2	
AAG 1	Near AWRS	16.04.2021	17.04.8081	71,0	24.0	0.0	20,4	
		10,04,2021	20,04,2021	61.3	24.3	10/A	89.6	
		23.04.2021	24.04.2021	02.4	34.6	7.8	10.2	
		26.04.2021	27.04.2021	96.0	57.0	13.9	25.9	
		29.04.2021	30.04.2021	96.9	29.1	10,4	23.5	
		02,64,2031	03.04.2021	74.5	27.1	11.7	21.0	
		05,04,2021	06.04.2021	49,4	18.4	12.3	18.0	
			09.04.2021	10.04.2021	60.5	23.1	10,2	18.6
4468	Name Out of Princes	12.04.2021	13.04.2021	77.0	26.5	13,9	20.4	
VVG 5	Near Brick Plant	16.04.2021	17.04.2021	67.2	37.6	13(1	21.0	
		19.04.2021	20,04,2021	0.7.6	29.4	16.2	29.5	
		23,04,2021	24.04,2021	62.4	6.08	9.8	19.8	
		26,04,2021	87.04.2021	74.5	25.4	11.2	22.2	
		29,04,2021	30,04,2021	62.8	29.1	12.9	21.6	
		02.04.2021	03,04,2021	84.1	30.8	9,4	17.4	
		05.04.2021	06.04.2021	64.7	24.6	12.7	20.4	
		09.04.2021	10.04.2027	75.5	35.7	14.1	21.6	
		12.04.2021	13.04.2021	65,4	30.5	12.9	19.2	
CDAA	Ohina Colony	16,04,2021	17.04.2021	70.0	55,3	13.9	23.5	
22025	The state of the s	19,04,2021	20,04,2021	83.0	24.0	11.4	24.7	
		23:04:2021	24 04.2021	55.2	20.8	13,5	22.2	
		25.04.2021	27.04.2021	93/9	25.7	14.7	87.1	
		29.04.2021	30.04.2021	64.0	19.2	10.8	16.2	
	NAAC	MS Standard	10-07-04-2-11-10-1	100	60	no	10	

End of the Report

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Note: Tested results are well within the permissible limits of National Ampliant Air Quality Manitoring Standard (MAAGMS

1. The report is referring only to the tested sample and for applicable pagemeter. The sales

2. This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law

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Plage 1 of 1



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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No. APML/ENV-LB/7,8/F01

Issued To:	APML,Plot No. A -1, Tirora Drowth Centre, MIDC - Tirora, Dixt. Gondia - 441 011					
Sample Collection Date	21.04,2021	Analysis Starting Date	21.04:2021			
Quantity received	3 Lit /Sample	Sampled by	Environment Dept			

			TEST	EPORT		
Sr 60	Parameter (NABL SCOPE)	Unit	Test Methods	MPCB Standards	Res	oîts
			SERVEN VINCOURS	32.42.23.33.42	5TP-1	57P-2
,	T59	mg/1	APHA-23rd - 2540 D	so	33	46
2	con	mg / I	APHA-23rd Ed 2017- 52200 Open Rafius Method	100	50	40
3	BOD at 27°C for 3 days	mg /1	IS: 3025 (P-44)-1993 R-1999 Ad 1 800 3- days at 27 °C	30	15	13

""End of the Report""

Note Tested results are well within the permissible limits of MPCB.

1. The report is referring only to the tested sample and for applicable parameter.

2. The sample will be destroyed after retention time unless otherwise specified specially.

3. This report is not to be reproducing wholly or in part, and can't be used as evidence in educt of law.

4. # Indicates this parameter is not covered in our NABL scope

Authorized Signatory/ (Technical Manager)

Page 1 Cit 1



adani ENVIRONMENTAL LABORATORY (Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No. APML/ENV/LE/7.6/FO1

URL No : T0519321000000415F	Date	30.04.2021
	(1) (0)(1)(1)	

Sample Collection Ones	21.04.9081	Analysis Starting Cate	#1.04.20#1	
Quantity received	3 Lit /Sample	Sampled by	Environment Days, APMI	

TEST REPORT

TO STATE OF	WWW.		STORESTON AND A	SWINDOWS CANDIDATES	Rosuits	
67 NO	(NARL SCOPE)	Onte	Tost Methods	MPCB Standards	N-pit	ETP Outlet
*	pH Velue	1 311	APHA-23rd -4500-H+B Electrometric Method	0.9-9.0	XX.	2.0
â	TSS	mg/)	APHA-23ra + 2540 D	100.0	24	12
3	YOS	mg/i	VLHV-T3H + 5240 C	ž100.0	305	123
*	con	ma 7.1	APHA-23rd Ed 2017- 52200 Open Reftus Method	280,0	2)	(6)
*	800 at 27°C for 1 Bays	mo/i	15: 3029 (P-44) 1993 N 1999 Ad.1 BDD 3-days at 27 °C	30,0	13	is
6	Off & Green	mg 7.1	APHA-23/8 E9 2017 5520 G Liquid Liquid Partition Bravemetris method	10.0	WOL.	2.5

End of the Bapan

Note: Tested results are well within the permissible limits of MPCII.

- 1. The report is referring only to the tested sample and for applicable parameter.)
- 2. The sample will be destroyed after recention time unless otherwise specified spoplary in the
- 3. This report is not to be reproducing wholly or in part, and can't be used as evidency in court of law
- 4. # Indicates this parameter is not covered in our PABL senge

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Page 1 Of 1



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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7.0/FOT

URL No.: TC519321000000414#

Data

30.04.2021

lisued Ta	APML,Plot No. A -1, Tiron	i Growth Centre, MIDC - Tirora, I	olet. G	andla - 441 911
Sample Collection Date	21.04.2021	Analysis Starting Date	î	21.04,2021
Quantity received	1 Ltr / Sample	Sampled by		Environment Dept. APAIL

TEST REPORT

	Parameter			MPCB			Results		
ir na	(NABL SCOPE)	Unit	Test Methods	Standarda	U#1	U#2	U#3	U#4	urs
â	free Available Oblorine	mg/l	APHA-23/J = ABCG-CI G, CPG Colerimetric Method	0,5	0,3	0.3	0.3	0.1	0.1
ion.	Phosphate as (PG4)	mg/i	APHA-23rd -4500- P O Stannous Chierles Method	ý	2.9	2.1	2.2	1/0	nie.
3	Zino ne (Zn)	mg/l	1111	3.	801	BOL	BDL	BOL	nou
ã	Total Chromium as (Cr.)	mg/i		0.2	aoi.	aoi.	en.	WOL	801.

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Note: Tusted results are well within the permissible limits of MPCS.

1. The report is referring only to the tested sample and for applicable parameter.

2. The sample will be destroyed after retention time unless otherwise specified specially.

3. This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law.

Authorized Signatory (Technical Manager)

Page 1 Of 1





ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/7.8/F01

URL No : TC519321000000413F

Date: 30.04.2021

Issued To:	APML, Plot No. A -1, Tira	ra Growth Gentre, MIDC - Tiron	n, Olisi	L Gondia = 441 911
Sample Collection Date	21.04.2021	Analysis Starting Date		21,04,2021
Quantity received	1 Ltr / Sample	Sampled by	4	Environment Dept. APMI
Sample Particulars : (Condenser Cooling Water	(Waste Water)		

TEST REPORT

Se	and the second second	****	White Statements	MPCB	Rosults				
Sr. no	Parameter	Unit	Test Methods	Standards	U#1	U#2	U#3	U#4	U#5
٦	pH Value		APHA-23rd - 4500-H+8 Electrometric Method	6,5-8,5	8.4	8.5	8.1	7.9	0,2
3	Temperature	Deg C	APHA-23rd + 2550 B	Not to exceed 5'0 then that of intake water	59.0	34.0	35.0	32.0	33.0
,	Free Available Ohlorine	PPM	APHA-23rd - 4500-Cl G, DPD Colorimetric Method	0.5	0.2	0.2	0'8	0.1	0.1

*** was of the Report***

Note: Tested results are well within the permissible limits of MPCS.

1. The report is referring only to the tested sample and for applicable parameter.

2. The sample will be destroyed after retention time unless otherwise specified specially.

3. This report is not to be reproducing whally or in part, and can't be used as evidence in court of law

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Page 1 Of 1



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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No. APML/ENV-LB/7.8/F01

URL No.: TC519321000000423F

Date: 30.04,2021

		177247 120 140 17007011.			
		APML,Plot No. A -1, Tirora Growth Centre, MIDC - Tirora, Dist. Gandle - 441 911			
Sample	Particulars:	Ambient Noise Level (Plant)			
Sample	Collected by :	Environment Dept. APML			
Date of	Sampling	10.04.2021			
	in Dail/Ortes	Test Report			
a Wa	Transport.	Day Time in dB (A)	Night Time in dB (A)		
s. No	Locations	(6.00 a.m. to 10.00 p.m.)	(10.00 p.m. to 06.00 a.m.)		
1	Near Shanti Niketan I II & III	97.7	51.0		
2	Neor Labour Hutment	62.7	59,B		
3	Near Store Area	66.7	61.5		
4	Batu No.1	54.9	50.5		
5	Gate No.2	50.2	51,4		
6	Gate No.3	71,2	65.5		
7	Near OHC	56.3	41,5		
0	Railway Siding	67,0	58.0		
9	Near Reservoir 2	59.4	47.9		
19	Near Ash Water Recovery Pump House	61:3	45.5		
m	In China Colony	41.0	38,9		
c	PCB Standards (Industrial Area)	75	70		

*** End Of the Report***

Note: Tested results are well within the permissible limits of MPCB / CPCB.

- 1. The report is referring only to the tested sample and for applicable parameter.
- 2. The sample will be destroyed after retention time unless otherwise specified specially,
- 3. This report is not to be reproducing wholly or in part, and con't be used as evidence in court of law.

Authorized Bignatory (Technical Manager)



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APRILIENV-LEUT BITCH

061	9321600000GESF			Dode: 1	5.05.3021		
	limsed Tir.	APML Pint No. A -1 Dint, George - 441	, Times Growth Contr 911	e, MISC – Timma,			
70	mple Perticulare :	Stack Monituring	Stack Wordturing				
San	mple Cellsoned by (Environment Dept	. APML				
H16	Baingding Location	-	Unit -	30			
# :	Date of Sampling	131	13.05.2	925			
3	Time of flampling	E.	10:15	N/M			
40	Lored (MW)	(4)	595	896			
8	Height of Stack (Mar	ter) (279				
ų.	Dismoter of Stock (f	Acter)	T,4				
r.	Type of Fami	1	Caul				
推	Flue Ges Temperati	mitter :	126				
#	Flue Gas Velocity (h	liven)	23.6	3			
90	Flow of Eath Gas at 1	NTF INM New 1	26410	11			
St.	Test Parameters	Test Method	MPCB Standards	Units	Results *		
•	PM	95 11255 (Part-1):1998	50	Mgrkm³.	38,4		
*	80,	(S 11255 (Part 2) 1985	300	Migricin ³	965.0		
3	NOx	IS 11258 (Part 7) 2000	450	MgRim	424.3		

"Attache we complete self-this region.

"Sed of the Haport"

More Timed less to are well within the permissible lands, of MPCG

3. The names will be destroyed after retention from selece afterwise specified absorpty

1. This report is not to be improducing whelly or in pall, and can't be used as everythin bound of the

A # As part NoET \$200 Not Floating the EO2 Limit will be applicable after immediates in SQLE, North 2

Authorized Eignatory (Technical Manager)



(Accredited by NADL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMLIENV-LB/7,5/F01

CS18321000000528F		Date: 38.05.2021		
lenged Tiri	AFSE_Frot No. A -1, Tiro Dist. Gondia - 441 911	ra Growth Centre, MIDC – Tirora,		
Bample Particulars :	Stack Monitoring			
Sample Collected by	Environment Dept. APN	ritoriment Deatl. APMI.		
1 Sampling Listation	1:	Unit -II		
Date of Sampling	E .	27,05.3021		
3. Time of Sampling	4.	1:49 PM		
4 Lond (SeVE)	1	800		
5 Height of Stack (Me	(err) I	276		
Diameter of Stack 0	Autor) 1	7,4		
Type of Fuel	1	Cost		
B. Flue Gas Temperati	re (°O) ±	128		
H Flue Ges Velocity (f	Areacco :	22.77		
to Frow of East Gen at	NTP (MM ³ (Hr) ::	2534000		

S÷ No	Test Parameters	Test Method	MPCB Standards	Dime	Results*
W	HQ.	18 11255 (Part-1):1800	60	Mg0tm ¹	42.1
ż	50,	IS 11255 (Parl 2) 1965	200	Mg/Nm ¹	964.4
1	NOx	18 11255 (Part 7) 2005	400	Mg/Nm ²	209-3

^{*} that are not compared out the entered

"End of the Report"

Note: Fished require are well within the perconsision treffs of NOTES.

- The report is referring only to the bushed sample and for applicable parameter.
- The particle will be significated what returnion time unbase otherwise specified strikenity.
- 3. This report is mut in the reproducing wholly or in part, and part the weet as well-frightn court at least.

IN W AN JOST MARTE NACIO NACIO NACIONALE DE MATE LINE WILL DE MANAGEMENTO PROPERTIE AND PROPERTIES DE MATERIALE DE MATERIALE DE COMPANION DE LA PROPERTIE DE L

Authorized Signator (Technical Menager

Page 1461



ENVIRONMENTAL LABORATORY (Accredited by NABL)



ADANI POWER MANARASHTRA LIMITED, TIRODA

Format No: APMLIENV-LB/7.8/F01

Issued Tu:	APML Plot No. A -1, Tinura Scowth Centre, MDC - Tirors, Dist. Goodle - 441 SE1				
Bongde Particulum :	Stack Monitoring				
Sample Collected by :	Environment Dept. APNL				
Sampling Location	E .	Linit -3			
Date of Sampling	116	27.06.2021			
Time of Sampling	(D)	4:20 PM			
Lund (WW)	:::	000			
Height of Stack (Mr.	ort -	275			
Diameter of Stack (f	Anter)	7.4			
Type of Fuel		Coal			
Flue Gas Temporatu	re (*C) 1	130			
Flue Gas Velocity IV	(mec)	25.00			
0 Flow of East Gas at 1	NTP (NM (6th)	2609136			

Sr. No	Total Farameters	Test Method	MPCB Standards	Unite	Plessofts "
1	FM	IB 11255 (Part-1):1988	50	Mg/film ¹	36.1
2	50,	86 11286 (Part 9) 1986	200	Mg/Nim ¹	970.1
3	NOX	IS 11285 (Part 7) 1005	450	Mg/Mes ³	417.5

Provide the occurrency part fire payment

"Eng of the Napon"

Motor Tentes repuls are well within the provinces into all MPCss.

1. The record is referred and yet the sensed everyon sens for equilibrative parameters.

3. The surects will be described what relatings like upons attentions specified specially.

3. This report is not be be insufacionally wholly or in part, and every live used as available in a IF As per McEFECC Notification the BCZ Line will be applicable after insultation of FGD.

(Technical Manager)

Page 18F1



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMLIENV-LBIT MF01

C81932100000000ITF		Date: 15.06,3021		
	TEST P	EPORT		
Senior To:	APML,Flot fin. A -1, Tiro Dint. Gendia 441 911	ns Growth Gentre, MIDC ~ Times.		
Sample Particulars :	Stack Monitoring			
Sample Collected by (Environment Dept. APM	bonnient Dept. APML		
t. Sampling Location	40	Stroit -4		
Date of Sampling		13,06,3021		
Time of Sampling	5.1	10:45 AM		
Load (MW)		615		
Height of Stack (Met		275		
Diameter of Shick D	felie)	F.4		
7. Type of Finel.	11	Coul		
Flux Gas Temperatu	me (*C)	127		
Free Clas Velocity (N	Msac)	24.11		
10 Firm of Exit Gas at 1	KTP (NNC2HH) r	2676428		

Ser. NO	Test Parameters	Test Method	MPCB Standards	Visits	Results
1	PM	(5 11256 (Flore-1):1986	50	Mg/Nex ¹	42
1	80,	(6 11282 (Pert 2) 1985	200	Mg/Nos ¹	1623
3,	Nox	18 11255 (First 7) 3906	450	htg/tem*	326

[&]quot; March 2 and accompany with the engine

Tank of the School

Nate: Tested results are well will in the participation being of APCS.

1. The apport is referring only to the balled surrous and for upplicable committee.

If The earnable will be destroyed after reterroom time unities efforming squadfield apartially.

3. This report is not to the reproducing virtally or or part, and can't ha lasted as evidence in odulf, of two.

4 # As par Hotel SCIC Softbuston the ECO Lintle of the equilibries offer materials of PCIC (New Yorks of PCIC)

Authorized Signatory (Technical Manager)



(Accredited by NASL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

FORMAL NO. APMLIENVALBITATION

CS	1932100000063UF		Date: 15.95.3021			
		- 1	EST REPORT			
	Neward To:	APML Plot No. A - Dist. Goodia - 441	L. Tricka Ormath Cents 911	e, MISC ~ Timra,		
5	sopie Particulum :	Stock Monthiring				
811	mple Collected by :	Environment Dep	EAPML			
0.5	Sampling Location	1 10	Linit -	5		
	Date of Sampling	0.0	10,00.3	13.06.3021		
1	Time of Sampling	Ε,	11:25	11:26 AM		
	Load (MW)	Œ	625	406		
•	Height of Stack (Meter)		275			
ij.	Diameter of Stack (Meters i	74			
7	Type of Find	1.	Court			
3000	Flue Gas Temperate	ire (* C)	124			
#1	Flue Das Velocity (F	Ament 1	25.60			
10	Flow of Exit Gas at	ктР (км°л ы) :	26257	48		
Br. No	Test Parameters	Test Method	MPGB Stundards	Units	Results	
ī	Har	25 11255 (Part-T):1985	50	Mg/Nm ³	:44	
2	502	IS 11202 (Pert 2)	200	Mg/film?	1003	
1	NOX	S 11255 (Part 7)	450	Mgrine	ADI6	

Assists measurement will this impact

"Best of the Recognitive

Mote: Terrait results are wall within the ponnisable single of MITCS.

The report is referring only to the bound sample and for applicable parameter.

If The pumps will be descriped after regertors fine unions otherwise associated quality

3. This report is must be be suproducing which or in part, and can't be used as evidence in occur. It has

4.8 As per NoEFACC Notification the SCO Limit will be equivalent other residence of PGG. (Novem 2005 Spirit) 200

Authorized Signatury (Technical Manager)



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No. APML/ENV-LINE XYOT

SEE, WHI TO STREET CONDUCTOR

from Scott party

	Interest Time	APWL, Plus No. A. 4, Ylmes Griswith Centre, 81000 - Thurse, Clerk Certain - 849 611 Amsterd No Quality (Plant)								
- tu	um Perficilien									
Ber	pre Collector to	Environment Says. AFRID.								
			Trut Seport							
				Parameters						
Taller	Simpling Localize	Berryley Beir	Analysis Starting	198.10	P\$12.5	302	NO.			
-		- 0.00 or Sheep at 1	TOTAL .	earth(3	192005	page 12	ph/st2			
_		03.89.0029	101.09.2025	94.7	22.9	19.4	34.6			
		87.19,6834	30.66.3121	71.0	24.8	11.3	313			
		14.80.2021	(0.01,312)	11.1	31.8	14.8	33.6			
	Not AWITS	74.00.0007	31,315,3131	10.1	16.5	16.6	24.0			
eep?		17.101.1001	19.89.2021	15.4	1264	33.3	27.1			
		\$1,09,0001	20.86.000	143	54.8	11.9	18.6			
		24.04.3621	31.06.3931	72.9	323	10.8	213			
		28.05.2524	21.95.2323	98.7	361	12.2	25.0			
		09,09,2021	9439,3331	31.8	39.5	-11.7	347			
		67,00 2004	84.00.5021	87.3	33.8	13:3	24.8			
		71.011.2021	10.00.2027	TL4	80.3	10.0	374			
MARS 2	Hear Brick Hann	14,86,2001	18.88.3821	##.1	21.0	34.7	38.1			
MANUAL STREET	Ment State Police	57709,00001	18.98.3825	20.4	24.5	38.5	22.8			
		21,01,200	21.08.3131	11.1	317	17:1	10.7			
- 1		34.03.2021	11.01.2111	187	30.7	14,9	21.8			
		25.94.3001	21,014,2121	17.8	96.6	12.6	33.1			
		19.86.0021	81.01.3121	11.8	191	- 84	100			
		\$5,000,00001	18.09.2001	25.4	411	7.6	27.4			
		111.09.2021	89,08,2529	39.8	23.6	10.8	33.4			
AAM S	Characterists	14,03,30021	15.01.3021	95.8	45.1	8.8	223			
102.5	Change Holing	\$7,68,2021	1848.3021	15.3	23.2	10.6	29.4			
		31,65,3321	27.65 2021	47.1	95.7	11.3	21.8			
		34-94.3021	25 (89.2021	71.1	29.0	12.1	24,1			
		26.66.3024	10.01.0021	1064	10.6	104	19.3			
	164,43	SHIS Frontierd		- 194	- 44	16	44			

the fluid of the Report?"

Tented seasons are well will in the personalities beste of Mattered Architect for County Northway States and (MANGER'S)

1. The report is inferring only to the feeled aurible and for applicable personates.

2. This report is not to be reproducing wheely or in part, and short be used as distriction count.

Authorized Opnions Instance Beneger (

Physic Left II



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMLIENV-LB/7.8/F01

LINE NO : TOSTERESTADOGRAPHIE

Date: 31.08.2021

teamed Ter	APRIL PLES NO. 4 -9. Tyros	ra Growth Canare, 1810C - There, Dis	t Ginuts - 419 bet
limmete Callection Date:	(238.82)	Analysis Starting Date	12.06,2504
Quantity received	1 Lir / Barrylle	Sumpled by	Crommunt Days, APSC.
Sample Particulars Co	entensor Coaling Water	(Waste Water)	

TEST REPORT

60	THE REPORT OF THE PARTY OF THE	Mott	Test Methods	MPCH			Females		1.00
新	Parameter	Mnn	Test Methodis	Disnosnin	1661	1182	UFE	U.#4	CIPS
	gH Vatuo	-	APNA-22rd - 4500-in-B Electromotric Method	13-2.5	82	M	3.6	64	94
2	Temperature	Deg G	APHA 23mi - 2556 B	Not to exceed 8'C then that of intpice water	18.0	ma	14.8	30.0	34.8
Œ	Pine Available Chlories	PPM	AMIA-23rd – 4500-C) G, BPD Colorimetris Method	9.11	83)	53	0.0	62	63

TTRACKING TOPONTY

Note: Tested results are well within the permission limits of MPCB.

5. The report is referring very to the heated swepte and has applicable parameter.

2. The sample will be increased after organism time unions oftender epocified appoints

3. This report is not be by reproducing whally or in part, and could be used as exidence in coor of lan

Authorized Signatory

Page 1.011



(Accredited by NABL)



ADANI POWER MANAPASHTRA LIMITED, TIRODA

Exemple No. 6PMLENALENT, 6Fit

Time.

23.01.2121

LINE No. PERFECTIONS CONTRACT

Serreta Culturation State	(11620))	Analysis StarSing Dair 1	42,843821
Quantity remained	1 Ltr) Sorge	Simplestity (Boyresson Days APM

North Report

000 T	Patrameter	No.	seignace sanni	WYCD			Results:		
Se m	hom: scale)	Alter	Feet Walloods	Stantinh	Barn.	943	10.00	UP+	(Ret
140	Free Available Objective	myli	attendo-188 (Carrent) Vetred	281	locci	18,2	:00:	9.6	13
E:	Phosphate as (PD4)	mpli	often (34) etese It bletnen Desse Mithal	(6)	62	330	100	¥in	33
1	Zince (dry	myl	==	2(4))	2.000	603.	1000	301	100
÷	Total Champion on (Cr)	mpl		8.8	864	MON,	944	**	Inc.

A STATE OF THE PARTY OF THE PAR

Note: Trained searchs are east without the partners and a thirty of MPCN.

- 11. The report to referring early be the hosted hanges and for applicable parameter.
- I. The exemple will be electroped effer remerites time entire oftoniums specified specially
- 1. This regard to been to be represented yoursely or to part, and con't he exact to existence in poers SCS.

Authorized Expension (Technical Mesuges)

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(According by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Promot has produced a light first of

L he i Yezinezinikkiniez			381: 31.31.331
mound for	APRIL, Healtha, 4-1, Ticon, St	may Come William These Cold. I	finally - ACC TOT.
Banges Coloration Date	1616300	Analysis, Flatting State	Gasain
2-0-0-0	Warner .	2007	(A

Samuel Parking and ... Themself Theest Mann.

Langton of anymon | THE Place St.Pol. STP Gallet

THE REPUBLIC

	2.65				-	BIVER
dr res	(HABL ROOME	100.00	Teel Methods	HERE DANIES	hut	ETH CLUBA
Z,	lat gapes		APNEZSA AKZIANA Decessorii Vefes	1940	(6)	19
74	1119	eu/1)	AHK23E-2HCII	1601	190	54(
à	THE	*19.71	ANALYSI SHEE	sime	ttt	, inc
	100	eve i i	Affron Opening 2015 102105 Class Fellow Section	****	*	76
4	MDG of 17 ⁴ C for 2 above	ing (1)	10. light phospirited to 2000/fs. 1 5030 hospiral 2015	307	70	200
	9140mm	mgij	SINGLE TO STITLE STUDIO LAUGH LAUGH PURSSEN SQUARMEN	10.0	tex	CO.

-thirt of the Report

Hales. Haster treatment and within the percentage manual MYCB.

- 4. The report to referring only by the territor's enough, and felt appropriate parameter.
- 2. The surprised by continued after specific trial office after the specific posture.
- 3. This beautiful to be many storing simply or in part, and can't be used as enterior in smart of term.
- is a trademing this parameter to not command in the HARL section

direction Managery (Technical Managery

Place 6.011

DOM: N



(Accredited by NAEL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Pleased Block PRINCENV LIGHT WHITE

inmed to	APMI, Plot No. A1, There	General Centre, MIDE - Titora, O	us Donta - (*) 911
Backyrin Gulfestian Date	12/84,0021	Arvetysis Statiling Cens	TEREBUT
Quantity repaired	2111 Demoke	Samulad by	Christiania III Copt

			TERT	meant.		
20	Panameter	1006	Taxas	W/G9 Blandants	Hos	URe.
100	MADE SCOPES	Stem		TRANSPITATION	atra.	8794
97	TES	mg rit	APHA-13H - 3549 S	.00	31	38
1.	0011	119/7	APHA-Site Ed SIT7- SIZION Open Platus Martini	198	200	m
3	600 4130°0 1413	iva#1	18: 2025 (P-44) 1993 8-1995 Au / DOO 3- 8169 46 27 10	200	##.	70

"The dark the Playme"

Name Teated results are seal addition the personnation lateta of SEPCIS.

- 1. The report is referring any to the trained asyste and for apprincipe perspectus.
- 3. The aumain will be destroyed wher reterrain from arrions offerwise agreefied specially.
- 3. This report is not to be reproducing wholly or in part, and ear't income an estimate in citizen of law

A. If brightness this pursuant is not covered in our KABL arrows

Authorized Signatury (Sectional Manager)

- Page 1 Oct.



(Accredited by NAIL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format No. 8PML/ENV LEVY NEW

Onio 31.05.2021

LIFE, No. : TERRESTROSCOCCESSE

haund Ter	ARML, Pot No. A. 4. Timm Growth Cooks, MACC - Thoma, that, thumbs - 441 911	
Barryto Participus :	Amiclant Males Cener (Phon)	
Securic Cuttested by	Excelorations Dops. AFIRE.	
Date of Sampfings	(ILEE-201)	

Test Haport

		UVE-YA CERTE	
	Constitute	Day Time in stB (A)	Night Time in diff (A)
L. Per		(8.00 a.m. to 10.00 p.m.)	(16.88 pm to 84.60 pm.)
i.	Secret Shenti Minesen I II & M.	19.0	56.8
2	Bester Labour Historiene	65,Y	86.2
5 :	Brear Storm Area	V1.2	11.5
•	OctuPio.1	64.6	49.3
9.3	Gate No.3	91.1	60.4
9.5	Grid NA.2	758	86.1
7.	Hour GHC	21.8	45.5
10	Raliway Biding	123	E7.8
95	Heat Heatswir 2	.468	463
Sin's	Hear Ash Woom Receiving Pump House	166	42-5
11.	in Chins Colony	40.8	30.0
-	PGS franciscos (Industrial Area)	26	76

** End Of the Report**

Hustail. Togetheil remarks are well within the prominer bin Rimite of MITCH / CPCS.

1. The report is referring only to the tested asympte and for applicable parameter.

5. The cample will be discreped after returnion time unitsix otherwise specified apostable

3. This report is not to be reproducing wholly or in part, and early be used so evaluate in equit of law

Authorized Signatory (Technical Manager)

Plagar Eud E





ADANI POWER MANARASHTRA LIMITED, TIRODA

Formut No: APWLIENV-LBff.B/F61

05	183210000000000			Date: 10	1.04.3021
_	Issued To:	APML, Plot No. A -1 Dist, Goridia 441	, Times Grawth Contr 911	e, MISC - Tietera,	
9	emple Particulum I	Stack Monitoring			
3,0	mple Gollected by :	Environment Dept	APML.		
Ħ	Sampling Location	.3.	Unit -	,	
3	Date of Bampling	1.	17.04.2	021	
3	Time of Sampling	31	3:30 F	N.	
4	Load (MW)	E .	340		
	thought of Black (Ma	iet?	219		
6	Diameter of Stack ()	Motory)	7.4		
7	Type of Foot	¥.	Cus	(0)	
	Fluir Gas Temporati	m (CC)	132	i i	
	Fhin Das Velocity (N	Month 1	23.0	ti.	
10	Flow of East Gen at	NTP (NIM*94V) I	28765	R7	
Br. No	Test Paramutara	Tool Wethod	MPCB Standards	Units	Hanath
7	PM	ii\$ 11255 (Part-1):1985	00	Migricin ²	36.6
1	80,	IB 11055 (Part 2) 1585	200	Mg/fus ¹	952.5
,	MOX	25 11055 (Part 7)	458	Mg/Mm ³	#19.0

*** End of the Report***

Note: Tested reacts are well within the commission limits of IPPCH.

1. The report is referring only to the lesson kinglin and for appointing parameter.

2. The energie will be dealined after returned time orbits otherwise specified apeciate

2005

2. This report is not to be reproducing who'ly or in part, and northly wend as evidence in object in

6.4 As per Mint 2 SCIC Strift indian the SCIZ Land will be equivalent offer installation of Print - depth middlespore store;

Aumorated Signatury (Technical Manager)

Page 3 of 1



(Accordited by MARL)



ADANI POWER MAHARASHTRA LIMITED, TIRDDA

Format No: APMLIENV-CBIT-BIRDS

CE19321300000627F			Dott: 11	9,06,2621
beword Yes	APML Plot No. A -1 Diet. Gentlie - 441	, Tircesi Growth Centr 911	e, MIDC - Times	
Bampio Particulare	Stack Monitoring			
Sample Collected by I	Estelroomant Dopt	. ARML		
Sampling Location	1	Unit-	8	
2 Date of Sampling	ŧ::	17,00.2	721	
3 Time of Bampling	. 1	4:54 P	M	
4. Load (MW)	14	457		
5 Height of Stack (Me	11.	375		
8 Diameter of Stock ()		TA		
2 Type of Fuel	Y	Cos	Œ	
8 Flux Ges Temperate	m (*C) :	(133		
B Fluis Gass Victority (N	Mann) ±	10.90	6	
10 Flow of Exit Gas at	кту (чибы) :	38729	22	
Sr. Test Parameters	Test Method	MPC6 Standards	Units	Headta*
f PM	15 15255 (Part-1):1985	00	10g/Hm ²	3903
2 80,	15 11258 (Part 2) 1005	200	Madimi	000.0
3 NOx	IS 11258 (Part 7) 2005	480	Mg/Nm²	415.3

Parent on committee with the parent

ertificant of the Regards

Home Texted results are well within the promission links of HIPCB.

- 1. The report is referring only to the meters earning and for applicable parameter.
- 2. The excepts will be contraged after reserving from princip afternoon supported operatly.
- 3. This report is not to be reproducing wholly in in part, and can't be used as evidence in pract of law.

4.4 As per MicEFACC Notification the SCO Limit will be applicable after installation of PGD (Macar 2009 Main 2004)

Authorized Signator/e >12

Poper 1 of 1



(Accredited by NAIL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV.LBJ7.S#01

Issued To	APNIL, Plot No. A -1 Dist. Gondie - 841	, Tirore Growth Centre, 941	MIDC - Tirura,
Sample Particulum (Street Maniforing		
Sample Collected by I	Environment Dept	APMX.	
1 - Sampling Lineation	T.	Unit -3	
2 Date of Sampling	100	17,00(202	K :
3 Time of Sampling	:0	4(20 PM	
4 Load (MW)	95	443	
S Height of Stack (Me	tors /	275	
6 Clameter of Stack (Metor) 1	7.4	
7 Type of Fuel	1	Coal	
8 Flue Gas Temperati	⇒(*a) }	125	
S Flux Gas Velocity ()	Mirec)	33.32	
0 Piper of East Gea at	HTTP: (NAM ² 2007.)	2990831	

Se.	Tool Parameters	Test Method	MPCB Standards	Units	Results*
1	PM	15 11255 (Part-1):1985	55	Mg/Nm²	40.0
1	50;	IS 11255 (Part 2) 1985	200	Mg/Him ²	569.1
3	NCM	IR 11265 (Part 7) 3005	450	Mg/Met ³	406.7

[·] Passing and companies with \$75 on pass

"End of the Report"

Note: Terms records are unit within the permission tents of IRPCS

- 1. The report is referring only to the lasted earnpie and for epplicable parameter
- 2. The energie will be inchrosed after retention time british officerable agreefing agreeful.
- This report is not to be reproducing whole or in part, and confide usual as encladed in a

4 of An Der McSPBOC Northeadonn the SCO Limit will be applicable offer triplatement of PGO (Management And) (2004)

(Technical Manager)

Fage 1 of 1



(Accredited by NABL)



ADAM! POWER MAJKARASHTRA LIMITED, TIRODA

Format No. APML/ENV-LIVE AROT

09183210000006	-		A STATE OF THE PARTY OF THE PAR		SPECIFICAL SOLIT.
			EST REPORT		
Issued Tax	The state of the s	Plot No. A - ondia – 441	I, Tirona Growth Cents 911	e, MIDC - Tirotu.	V
Sample Parlimit	mi Stack	Manwarreg			
Sample Collector	try :: Enviro	nment Out	LARML		
1 Sampling Loc	otion:	(1)	Unit	4	
2 Date of Samp	ing	5.1	24.06.2	021	
3 Time of Samp	ling.	0	8:50 F	SM .	
4 Konstilleri			400		
A Height of State	er affacts to the first	#	ETO		
6 Diameter of 5	tack (Meter)	T	7.4		
T Type of Fuel		(A)	Cou	1//	
8 Flue Oas Tem	peratura (^{è.} ©)	31	121		
5 Flor Can Velo	city (Wivec)		22.6	•	
10 Flow of Eatt 0	as at HTP (NM	Max	25514	71	
Si Test Parun	ters Ten	Mathod	MPC6 Standards	Units	Results
d :298		11256 6-111588	360	Mg/Ken ³	240:
2 50,	10 15	258 (Pert 2) 1996	200	Matthew	966

Penny on a many on the season

##Cbc

3

"Control the Depart"

SEASON.

Madren 1

D-101

Note: Tested results are well within the permissible limits of MPCIS.

The report is referring unity to the tested earnpie and for equipment participant.

1998 III FERRI (Part 7)

2005

 The earspire will be abbleged after retireon time crimic of sowner specified specially. 5. This imposits text to be reproducing arrably or in part, and cartitible could be accommon it polyhold be

6.8 As per Multi-SCC homission the 902 bird will be appreciate other installation of 550. places 2004;

Authorited Signators (Vestmiral Manager)

401



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/T-B/F01.

2819321000000636F		Dute: 26.66.20
	TEST	REPORT
tunned Te:	APML Plot No. A -1, Tire Dist Comile - 441 511	rea Growth Centre, MIDC - Tintra,
Sample Particulurs :	Stack Monitoring	
Sample Collected by I	Environment Boot, APA	IL.
1. Sampling Location		Lind; -5
2 Date of flampling	F:	24.86.2021
3 Tilne of Sampling		4:09 PM
4 Load (MW)		466
E. Height of Stack (Ma	etwr)	375
6 Dismeter of Stock (Meting	TA
7 Type of First		Coal
0 Flux Gas Ferquerat	uro (*C)	123
B Flor Can Valority (Mikes) :	23.15
10 Flow of Exit Gen at	SCTP (NIM ON) 1	2006036

Br. No	Test Parametera	Test Method	MPC6 Standards	Lindra	Results
Э.	PW.	35 11255 (Part-12356)	.60	MgMmil	340
	80,	(B 11355 (Pert 2) 1986	200	Mg/New ¹	963
3	Nox	18.11297 (Pwrt 7) 2006	400	Matter	388

^{*} Seault are consumed with the property

"Bed of the Principle"

South. Taxast results are not within the permission knots of NPCB.

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4 # 24 per MicEFECC Notification the EQ2 Limit will be applicable offer installation of EQD. (Maryl, 2020, Maryl, 2020,

Authorized Segnatory (Toutestat Manager)



(Accredited by NASL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Principle River APRILIPMING BETTER

CHIL NAV | TERRREPROPRESSEE

DOMESTICATED

	Femure Tex	Arso, Plus Inc. 8	d. Tirms Scortt Co.	rim, MOC 1	more, Ones, Cor	mile - 441 911	
, the	rum Fertitiden	Anthonical (A) (3)44	My (Plints:				
34	gre Endiector by	Continue to the	SC APPUL				
	1	11	Test Beport				
-1			Call Specification of		Tien	enetaes :	
Station	Sampling Condition	Bargiling Date	Analysis Diarring	PEN	PRESE	807	9404
				Deligial	2,000	ugis2	10)/102
-		3424.2025	15162021	43.2	18.4	8.8	17.6
		77.88.2323	15.16.7121	51.6	150	19.2	19.2
		15.00.3031	12.86,3821	35.0	184	7.8	16.0
43014	Many AWRIS	94.00.3021	1000,0001	46.5	20.4	44	48.0
AA	HILLY ANNAS	18,76,2121	19000.0021	34.5	19.4	2,000	16.0
		21.59.3121	12 24 1221	46.7	19.3	14	16.0
		23.06.3125	36.04.2027	36.7	18.0	-394	16.6
		30.00.0021	38363831	42.0	367	12	34.6
		0410.2323	15.00.2021	20.8	324	2.8	12.8
		U7.66.3021	98390,3331	10.0	1864	1.3	13.1
		11.08.3023	10303031	30.8	14.3	10.6	184
	Bear Street Front	34.08.2021	15.06.2121	31.4	1913	3.2	12.2
440.1	STATE OF PARTY AND IN	18.86.2021	16,00,2021	40.6	363	(8.8)	16.0
		29.56.3923	11.00.2011	#12	29.8	15.8	184
		25.66.2023	25,66,2021	93.3	38.5	1.8	16.2
		20.06.2025	28.346.2831	41.5	257	8.4	14.6
		94.00.2021	10.00.2521	41.9	-364	11	19.0
		01.00.0021	66.04.3824	49.3	254	14.7	47.4
		19.00.2021	1200.0001	40.7	70.5	74.1	16.2
140.9	Elitari Catava	14.94.2121	14.54.3621	96.6	00	100	14.4
	Currer Connell	02.06.3025	16505,20031	81.7	28.3	(3.7	17.4
		21.00.0021	711/0.7117	40.7	363	704	12.0
		19-34-3921	24.00.3004	11.7	12.4	303	14.0
		18.0%.2001	28/00/2001	413	196.7	127	18.6
	1600	AUS SQUARACT		104			

entired of the Benerous

Model: Treated results are well within the purmissible littles of National Appeared Air Quality Microtomog. Elegation (NAACEMS.)

1. The report is interbug anty by the limited parties and the supply which parameter.

fi. This report to not to he reproducing whelly or in part, and part the stand as welfareautic great, of law.

Authorized Signature it Technology Manager I

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(Accredited by NABL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Permit No. APRESTINALIST SPRIN

Second To:		drowth Centre, MIDC - Time, 0	Oct. Simular - APS 1979
Barryla Culticities Date	25.86.2021	Analysis Starting Dute	31.36.3001
Quantity (section)	01,000mmm	Surgest by	Brokenment Dept.

			TESTS	EPORT		
86	Parimotic	Unit	Tast Motivade	INCO Dundum	Hea	erlin
#	THASE SCOPES	SE.	September 1		\$10-4	sina
ŧ	186	mart	APHIA 0346 - 3040 D	80	25	34
Ŧ	con	merr	AUTHA-2010 Ex 2017- 82006 Open Native Metros	199	/60 2	98
÷	eath at 17°C for a	mg/s	10:5025 (F-40)-1903 W-1909 Ad 1 MCO 3- steps at 27 PC	36		11

"That of the Report"

Moto Tooled results are wall within the perminettic limits of MOCO.

- 5. The regard is referring well by the texted wavepts and for appropriate pursuanter.
- 2. The earticle will be destroyed after roterdon two unlaws otherwise specified specials.
- I. This report is not to be reproducing wholly or to part, and cau't be used as endames to court of
- 4. If tridicates this parameter to not current in our NASL scope:

(Technical Manager)

Page 1011





ADAMI POWER MAHARASHTRA LIMITED, TIRODA

French has APRED to a list most

UPL No C TESTINATION CONTROL	Desi	\$100,000
NET TO SOME THE PROPERTY OF TH		

Savage Solling Store Share	93.00.2021	Anniquin Starting Date	25.06.507
Questy reserver	3.14 Streepie	Services	Shahama Sayi APRIL

TRESPOSE

	THE STREET			1.0000000000000000000000000000000000000		
br ear	Harmeste (HARL BOOKS)	ma.	Desillations	NOTE STANDARD	1441	EU Done
(1)	pH Vesse	Sant S	spina the express Shinteens Refor	3444)	9(4	6.8
ŀ	Tiek	me(T	Annon desar	100.0	*	
, P.	THE .	mar)	APRILIDE - 2018 0	int	285	341
-400	tio#	eg(t	Affelia (Inc. 10) (Fr. 10) (Fr	:: (may,)	38	1007
ŵ.	MOTE AND THE PARTY	mili	100 2000 PART 1895 PA 1995 PACE 2000 PARES IN 25" C	100	**	H
N.	CE S Crease	щи	APHILIDARIO SSTI NOTE Used Upon Settle Champion Hebbs	Sein	100	ii

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hade: Transc accuse any and within the permission from of MPCA.

- It. The report is coloring two to the bodies writer and for explosion parameter.
- 2. The sample will be madayor wherever three extent officewise specified and
- 3. This report is not to be reproducing whole or in part, and best become as economic in court of the
- 4. Phydicalcy Ety provinces to hybridosomic ki dul fields, fertical

Page 1181



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ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No.: APRILLENV LB/T AFEN

LIEL HAS TGO SECURED COORDON FOR

Done: 36.86;3624

lample Cultivities (lefe	72.68.2021	Amplysis Starting Date: 1	20-99-28129
Gaintify received	9.52 (thanyin	Seminator to	Environment Days, AP98

TREET HEREDING

	Parameter			10700			Tenathe		
8000	piani, scorni	(NHW)	Text Multi-te	Distributes	DOT:	0.01	000	OFF	UAA
ě	Free Analistm Clifferties	mod	APRIA CLE - MINI OLOFO EUROPOPO ENTRE	36	84.	10	a.b	*	64
Œ.	Prospirate as (FO4)	met	APRA-DAT-400P 2 November Crossis Method	E	3(3	21	23	10	26
3	7 en (2hi)	mu ^a	==	•	2	BOX.	4	80%	ms.
4	Tidal Oversien ee (Cr)	#08	-	82	iiiic	- BOL	000	:1000	UDs.

form to have?"

Nate: Formal remarks are wall effect the participate books of MPCN.

b. The report is naturally very to the found easily and for applicable provinces.

2. The species will be discovered with reduction time unitary otherwise specified synchrife.

2. This report is well to be represented by wheely or m part, and confi be included an arritance in court of the

Brand Stand

Page 1:011



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ADAM! POWER MAHARASHTRA LIMITED, TIRODA

Format No. APML/ENV-LBIT #FRF

UNL No - TOSS93310000000617F

Date: 00.00.mirt

beared To-	AN INC. PROPERTY AND ASSESSMENT OF THE PARTY	na Grywth Centre, 1000C – Tirbre, Dis	NAPOLINIA PER
Bample Collection Date	23.89.2001	Analysin Starting Date ±	E3.8E.3W25
Quantity removest	A. Lar / Westpille	Sampled by	Bireterment Dayst, APVIII

Location of sample: Quit, link-4 taste \$ time 4 & time 5

TEST REPORT.

Hr.		their	Total Street Co.	MPCE			Benefitz		
200	Parameter	Shirt	Test Methods	Standurds	U=1	DAS	023	0 # 4	USS
į.	pri Value	20	APHA-22rd - 4500-H+B Bioctrometric Method	65-8.5	13	iù	1.4	63	63
9	7 v moterations	Day 6	APHA-25mt = 2550 ft	Not to exceed If G then that of letato water	39.0	10.0	31,6	38.0	71.8
1	Free Available Childrine	PPM	APHA-23rd - 4905 CL G, OPD Cultorimetria Method	ė.E	62	6.2	42	9.4	£.4

Introduction Report

Note: Tested residit are will within the preminators tooks of MPCO.

1. The report is retwoing only to the trutof corrupt and for additional purposess.

5. The sample will be destroyed ofter retaining time prises ofterwise agastiful apenigly

3. This report to not to be reproducing wheely or to pair, and out? be used as evidency in court of lat

Authorizen Signatory (Tentinical Manager)

Prige 1 Of 1



manual Territory

Simple Particulars

Sample Getwood by a Cute of Securities:

ENVIRONMENTAL LABORATORY

(Accredited by NABL)



ADANI POWER MAHARASHTIRA LIMITED, TIRDDA

Frential No. AFMLIENV LB/TAIEV

UNA NA : TEXTURE HORIZOF

APSEL, Plut No. A. F., Tireura Grando Centre,
MICO - Tireura Dist. Goodia -- 447 311

Architect Norse Level (Plant)
Escingment Dept. APSEL
13: 06: 0021

Market 100 Art 2020

Tent Report

242.	Compliance	Day Time in (IS (A)	Night Time in all (A)
E. 9966	Contented	55-00 a.m. (ii 18.00 p.m.)	(10.00 p.m. to 00.00 p.m.)
1.	Neue Warth Mikelan F.E.S. II	(1.2	84.8
(C)	Hear Labour Harmont	62.5	16.0
100	Swar Storm Area	123	162
GALL.	Gets His 1	463	-6.1
3	Bets No.3	(63	16.0
4	Gete No.5	12.1	19.4
7	Hear CHIL	56.2	45.5
*	Harresty Milling.	843	82.2
*	Neur Reservoir 2	844	44.2
w.	Hear Acti Water Requesty Florip	643	62.0
œ.j	H China Galleny	30.0	36.0
Ġ	PCS Standards (instantial Area)	-33	39

*** End Of the Report***

Note: Teatest results are well within the provisable finite of IIPCB / CPCB.

1. The report is reforming only to the tested sample and for applicable parameter.

2. The eartple will be destroyed after retention time unless otherwise question appeals

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(Tenhnicat Manager)

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(Accordited by NASL)



ADAM POWER MAHARASHTRA LIMITED, TIRODA

Format No. APMLIENN-LB/7.6701.

hased Yo: APML Plot No. A -1, Dist. Contils - 441 9		1, Tunca Growth Centre, 8 1911	MCIC - Tirora.		
Sample Particulture	Stack Menilloring Einstrangunt Dept. APMs.				
Bample Collected by :					
t Bampling Location	1	Quit-1;			
I Date of Sampling	100	99.07.2021	2		
2 Time of Bampling	8.	3:27 PM			
4. Lond (MW)	¥	161.7			
5 Height of Stack (Me		275			
5 Diameter of Stack ()	Motor) :	7.4			
7 Type of Faul	i	Coef			
Flue Gan Tamperati	me (°C)	120			
b Flut Gas Velocity ()	Meses) II	23.34			
IP Flow of East Own HT	кте димоно в	2020101			

St. No.	Tast Parameters	Test Method	MPCIS Standards	Units	Results *
3/	PM	(Part-1):1888	20	Mg/Nm³	18/2
2	50,	IB 11256 (Part 2) 1888	206	Mg/Ham ³	830.7
3	NOx	IB 11255 (Part 7) 2006	450	Mg/Nm²	365.8

[&]quot;Near El ser commission of the organ-

"End of the Report"

Note: Testes results are well willy; the permandia lines of MPCS.

- The report is referring any is the bound spripe and for applicable potential.
- 2. The semple will be exactly set after reportion from universal transfer appealment appearance.
- 1. They explice in bot his being reportuoing which or in part, and contine seeds as inviting an opput of law?

A MINE CONTRACTOR TO PROCEED AND SECURITY AND SECURITY AND SECURITY AND ADDRESS OF THE PROPERTY ADDRES

Authorized Signatory (Technical Manager)

Page 1 of f.



adani environmental Laboratory

(Accredited by HABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Farmet No. APML/ENV-LB(7.80/01

Issued Tol.	APML Plot No. A. 1. Tirora Growth Gentre, MIDG - Tirora, Dist. Gondie - 441 911 Stath Monthring				
Sample Particulars					
Sample Collected by I	Environment Dapt. APML				
Bampling Location	Ť	Qelf -€			
Date of Sampling	1	26,67,2821			
Time of Sempling	-1:	4:00 PM			
4 Load (WW)	Į.	379			
s. Height of Stack (She	min :	229			
5 Diameter of Black (Meter)	7.4			
7 Type of Pool	1	Coal			
B Flor Can Temporate	ne (°C) I	122			
9 Plue Gas Vetocity (f	Amoug) 1	25,38			
A Flow of East Gas at	NOTE CHINE (MICE)	2021048			

tar. No	Test Parameters	Tiret Method	MPCB Standards	Units	Results*
'n.	798	(6.11258 (Part-1)/1885	50	Mg/Him³	40.5
2	so,	15 T1255 (Part 2) 1005	200	Mg/N/m ³	791.6
3	NOx	iis 11295 (Part 7) 2005	450	Markins	291.1

Name to proceed the original of the property

"Dank of the Bearing"

Note: Terms recess were within the permutable impact MFCS.

- 1. The isport is referring poly to the tested serrols and for applicable placements.
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- 3. The report is not to be reproducing whelly or in part, with bord he used as exidence in small of he

A K As per MicEFBOO Hummation the SOZ Limit will be applicable after installation of PSO (March 10th 70gg).

god Stanina (Tochesical Monando)

Prign: 1 of 3.1



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB/T EFE1

taquad To.	APSS, Plot No. A Diel. Gordin - 45	1, Tiroza Growth Centre 1.911	, WIDC - Tirora	e e
Sample Particulars I	Stack Monitoring	0)		
Sample Codecred by:	Environment Des	n. APML		
1 Sampling Lecation	1	Unit -0	3	
2 Date of Sampling	Y.	29.07,20	21	
3 Time of Sumpling	:10	4:38.99	MI.	
4 Lead (MM)		443		
5 Height of Stack (M)	durf	276		
# Diameter of Stack (Meter) :	₹,4		
7 Type of Fuut	Œ.	Coal	Coal	
8 Flue Cas Temperat	uite (^e Ci t	412		
9 Flux Gas Velocity (M/lesci :	12.20		
10 Flow of Exit One at	HOTE (NIMPHH)	250193	10	
Sr. Tool Paramoters	Test Method	MPCH Standards	Units	Require*

Sr. Mo	Total Parameters	Test Method	MPCH Standards	Units	Results *
4	918	(9 11255 (Part: 1):1881	10	Mg#im ³	48.8
2	50,	10 11255 (Part 2) 1385	258	Mg/Nm ²	¥19.5
э	MON	15 11265 (Part 7) 2005	AHU	MoTimi	310.0

[·] Linearity and community with the property

"Blad of the Report"

Note: Termit muchs are such within the permissible lints of MPCR.

1. The report is reticing prey to the terred service and for applicable parameter.

2. The sample will be desirated ofter selection time terring oftensive specified specified

is. This report is that to be represented by Wildy or Hilpart, and must be used an electronic Hilbard Man.

IN PLACE STREET SCIC NATIONAL THE GOT LINE WITH the committee of the manufacture of FGC (March 2022)

Authorosid Signatory (Technical Manager)

Page 1 of 1

255-1889





ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMLIENV-LBIT-ETO1

C519321090000728F	72/27	Detx: 34,87,20
Insued You	17503	era Growth Cantre, MDC - Tirora.
Sample Particulars (Mank Montoring	
Sample Collected by 2	Environment Dept. APN	VE.
1 Bampfing Location	:::	MnR-4
Date of Sampling		22.07.2021
5 Time of Sampling	4	3:40 PM
4 Load (MW)	4 (300
s Hought of Stack (Me	tert) i	228
Blumeter of Stock (A	Aerine) I	7.4
7 Type of Fuel	- 14	Coat
t. Fine Gan Temperati	no (°C) 1	121
Frue Gen Velocity (N	(Vanc)	22.83
19 Flow of Exit Gas at	STP ORITHIN T	75729A8

Be. No	Test Parameters	Test Method	MPCB Standards	Onles	Results
*	PM	25 thank Park-th ties	50	MgOim ⁹	##
1	SO ₁	(8:11255 (Part 2) 1306	200	Mg(Nm)	776
3	NOx	(8.11388 (Part.7) 2006	450	Mg/Nm ⁴	378

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What of the Report

taste: Epopel results are well wifers the personalise times of MPCS.

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4 # An our MoEFRESS Notingston the SIGS Cred will be approache of an installation of PIGD. (Alway) 100

Authorized Signatory (Technical Muneger)



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ADANI POWER MANARASHTRA LIMITED, TIRODA

Format No: APMILIENV-LB/T.B/FOT

CE199210000000770F			Onton 20	.07.2021	
		TEST REPORT			
hispell (for	APML Plut Nv. A - Diel. Gendle - 441	1, Tirura Growth Conti 1911	e, MIDG Tirtira,		
Bample Particulars	Stack Monthring				
Sample Collected by	Environment Dep	APMI,			
1 Sampling Location). J.	Unit :	5		
Date of Sampling		22,97,2	021		
5 Time of Sampling		4:15 P	100		
4 Load (MW)	1	308			
s Height of Study (\$	later)	275			
6 Diameter of Stock	(Odetsv) I	7.4			
7 Type of Fuel	- 1	Cos	Coal		
9 Fluid Gara Tempero	nure (² C)	120			
8 Fruit Gan Velocity	(Misec) I	23.2	1		
10 Flow of Exit Gas a	£HTP (NM*AH) (2627384			
fir. Teet Parameters	Tout Method	MPCB Standards	Griffe	Historia	
f PM	W 11285.	40	Mg/Nm ³	47	

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1988 (0. 11288 (Part.7)

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1. This report is not to be replantably whelly or hi part, and not the count so evidence in court of law

4 & As par MOEFECK Nothborron the SCOLLimit will be expressive after installation of FEED. Where SCOPINGS SCOLLING

Anticological Manager)

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(Accredited by MARL)



ADAHI POWER MANARASHTRA LIMITED, TIRODA

Pathlet No APML/SAU GB/EA/TER

um. Por i Televistanggonoprotei

Dec 31.012021

Seight The		AHMLEHITIN A	of, Trace Grantit Co.	mini MAME e	Week, But. N	oof or 411.31	+			
- Day	rate Personance	Armeris An face	mr (Post)							
544	ere Collected by -	Englement Dept. APML								
			Test Reyort							
			CONTRACTOR AND AND		På lenerer i					
distant.	Genetical Leasurer	Service bear	Annipele Starting	P8A 10	FM 1.8	301	Mâx			
		100 100 100	7.41%	ygres.	H97953	30g/143:::	and set			
		100 07 2000	30.42.2001	35.8	56.8	1.7	5.0			
		48,87,2021	104.47.300)	28.8	17.0	200	18.8			
		110.07.1921	10,073/007	34.8	17.9	1.1	10.8			
		18.07.8021	19.07.7081	45.0	28.9	5.8	19.4			
mad 4	Near AMRS	10,07,2021	17.07.13331	22.8	54.8	3.5	9.0			
SU		18.072/021	89.97.8981	34.4	25.5	4.4	10.8			
		23.07.2041	14.672021	33.8	23.8	9.2	32.5			
		28.07.2021	27,67,2021	361	18.2	73	10.3			
		\$40,07,8183	21.07.0004	20.5	38,6	5.1	9.8			
		02.07.3031	99.553031	30.9	75.6	5.3	19.4			
		2012/07/2015	66.02 (65)	21.3	11.2	7.6	10.4			
		00.073031	10.07.000	2014	100.0	6.5	10.0			
124	200	12/17/2001	13,62,2001	79.4	91.5	9.3	14.0			
APR 2	Base Brisk Plant	1647.3031	17.072001	30.2	22.1	164	16.4			
		10:07:2031	10072007	10.3	10:1	10.3	10.3			
1111		10.0001011	34.07.680)	80.0	14.4	6.3	10.2			
11 111		10.07.1021	27,02.21(8)	10.5	77.8	6.7	5.8			
		30.013041	31.07.3001	87.8	UC6	5.0	13.3			
		112.01.2025	83,01,2001	28.7	10.7	9.4	35.5			
		US-UT-EGET	86.67.6981	40.1	11.6	16.6	13.8			
		0.6.477.00005	10.07.0001	38.6	20.4	9.9	12.0			
		12 07 2021	15 67 2523	87.5	18.8	11.0	19.4			
ANG S	China theory	19.07.8001	17,473015	503	1115	19.1	13.4			
277	S-CHILDREN T.	10.07.2021	30 07 2021	27.6	27/7	19.7	13.2			
		433010001	84.07 (0.01	20.3	20.5	10.4	193.4			
		16.07.8021	27.07.2337	343	7.3	1.0	11.0			
		50.01.8001	31.07.3801	19.1	1704	-8.3	10.4			
	HAA	PART SAARING			186		- 30			

-Rad of the Report

There . Named the site and well select the partylating treds of tracings Avenues on Sound a Markhardy Street des DAARANS

1. The report is reflering any in the result sample and for applicable parameter.

2. Then capail to you be not represent young sobotto at its point, and sport he need so redemen to nearly the few

Commisses Manager 3

Front Lift 1



(Accredited by NARL)



ADAHI POWER MAHARASHTRA LIMITED, TIRODA

Federal Stein APRICATIVE SWY-SWY-SWY-SYS

Named 74:	APPEARANT NEW A 11, Tireto	Greenth Centers, MIDE - Thora. I	les, Gantta > 441 TFT
Somethe Continues on Design	07,07.2001	Analysis Stating Date	67.01.3021
-CANCEL-C-1	1209/21e355	Name of the last o	Physics and Park

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51	Herameteri.	: Non	Test Methods	WHOS Scandarms	Hen	viti
94	(DIAMESCOPE)		10-2-210111	Wood and particular	STP1	570-2
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	600	19971	APHILIDATES SOT- 13000 Open Refina Station	100	26	110
36	BISC ALL OF THE STREET	10g (1)	No. 2021 (F-64) (989 No. 1899 Aug 1900 3- No. 21 No.	30	::18	29

"End of the Report"

feath Tiested residua and med quantum the participation limits of AIPCS.

- C. This request to coffering grow to the adminitraction and for applicable personner.
- 2. The auties with he descripted after recession time primes annerwise aparities aparities
- 3. This report is not to be reprinted by abouty or in part, and come to used as embronic in bourt of live
- 4. 9 indigeness this proprieties in not ensured in our feath, some

Abrona Egraduly (#1/4/21)

Page 1 for f



ENVIRONMENTAL LABORATORY (Accredited by NABL)



ADANI POWER MAHARASSITRA LIMITED, TIRODA

Gernat tim feller, speed a left district

money Th	ARREST HILL BUT A 75, TOWARD	norit Garrie, MINE - Thank NAV	Bandla - ##0 HF1
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THE PARKET

T	o Patter.	1			- Pre	water
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ij	gii Vase		MINARY AND HIS HOUSEWAY RATES	1341	8,5	19
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a i	200 H (FT) 1H 3	346	10 30 (1-7-44) 10 00 10 1000 447 801 5 444 PC 27-14	600.0	(00)	317
	RE-D-Dream	299/1	SPANISHER STEP SECON SHAPPY IN PARCENT SHAPPY IN	18.0	nn.	23

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NAME: PORTOR PORTOR AND ADDRESS OF THE PROPERTY AND ADDRESS.

- 5. The regard is retarding ivery to one reside basing 3/4 for \$50 make parameter.
- 2. The side is will be different effection that orders afterwise provided sporting
- 31. This recent is better for the representing private or his band, and parts be used an exploracy to count of the
- 4. A PROPERTY AND ADDRESS OF ANY CONTROL OF BUILD SHOW

and Constone (Tanishme Shekiper)

People 1311 II.



(Accredited by NABL)



ADAMI FOWER MAHARASHTRA LIMITED, TIRODA

Format Riv. RENEASTRANDAM CANTAGED

Civital

201/07/Johnson

UHL RM . TESTISSATIONNUM/COF ..

Bampia Callection Date	07,07,3137	Analysis Stating Debe	20.053005
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TREE REFERE

= 1	Garanteer	0.00	Company of the Company	:10708:		Reids			
27.719	(HARL BOOME)	Unit	Test the basis	Shandards	9.65	M.F.E.	883	MAG	UES
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4	Total Commisses as (2r)	964	.55	6.2	30.	613.	10%	—	845.

THE RESERVE AND ADDRESS OF THE PARTY.

name. Treated results are well action the percentage home of MPGB.

- 5. The require to referrying army on the second number and for explosints personater;
- 2. The sample will be destroyed after countries from private afternotes specified speciety
- 2. This report is not for he representating about, of to part, and sent the could be entitled in much of tops

Administration Separate (Technology Str.) 19/24

Page 104.5



(Accredited by WABL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Farmer fee: APAIL/ENV-LIST B/FG+

Oaker 31.07.2021

UML No : TESTEENOGGOUGIONS

Issued To		re (brewth Centre, MSSC - Typpe, Sts.	Smds - 441 911
Semple Collection Date	69.07.0023	Analysis Starting Date +	117.67.2021
Quantity received	1 iar/Tangie	Sampled by	Environment Dept. APMI.

THAT REPORT

30	Parameter	MANN.	Two Machines	medé	. = -		Results		
no.	- Strameter	WW.	THE MACHINE	Stamilarits	481	4.4.5	U#3	D#4	W#5
3.	per Value	-	APNA-83ed - ASOD-14+9 Electrometris (Sothud	65-83	E1:	7.0	:R.D:	8.3	43
2	Тепричини	Neg C	2550 B	Not to exceed 5't then that of intake water	34.0	13.0	34.0	- 85 63	201/8
3	Free Available Ottodos	PPIA	APHX-23-st - eSQD-CI G, SIPD Cotorimetric Methad	0.3	油水	0.1	ů.	63.	9.2

Property State Security

Name: Teated results are viell edition the personality broks of MPCS.

- 1. The report is refairing only to the famile comple and for applicable parameter.
- 2. The sample will be destroyed after reportion time union otherwise specifical specially
- 3. This report is not on the reproducing whelly or in part, and easily be used as nothings in court. He

Authorized Signator (Technical Manager)

Fage 1-011



(Accredited by MABL)



ADANI POWER MANARASHTRA LIMITED, TIRODA

Former His SHIELDEROCKETYNUTCH

Date: 31:07.2011

UNL No. | TOSTRIZIDOGGGGCCCERF

lanuari Tu	ARME, Flut No. A. 1, Thora Grando Cartes. MIDC - There, Dist. Gaudin - 441 STE	
Sangle Particulars	Avenues there: Level (25xyr)	
Sergic Oxforted by	Environment Ospi. APML	
Date of Barneling:	10.07.2021	

Test Report

E.No		Day Time in 40 649	tright Time in mi (A)
	Constituti	(8.00 am. to 10.00 am.)	01111 p.m. to 04.00 am 3
10.	Rear Sharts Niketon 1 8 8 10	68.4	911.7
2	Near sameur Alaberras	63.5	23.0
3	Privat Stock Ares	\$1.5	55.9
*	Gide No.1	16.7	48,2
9	Ortz No.3	14.8	Q.4
E	Seco No.3	19.5	50.5
I_{ij}	West (DHC)	53.7	403
8::	Hallway Siding	1872	51.8
	Heir Benerooli 2	34.8	Q.i
100	Rear Ask Water Restrictly Pump Moure	68.7	34.5
11	or China Gilleny	463	38.1
CPCS Standards (Industrial Arm)		75	TO SHIPLY

--- Bug of the Report

Note: Perted results we sall within the permissible finite of RIPOS I CROS.

- 1. The report is referribly only as the tenied surrate and for applicable parameters.
- 2. The partitle will be decreased after recenture time unique extension qualified appoints.
- 3. This report to min to be improviously wholly in in part, and can't be used to exhibit in point of h

Monthless Signatury Classificat Managers

Front Lat 1



(Accredited by NAIL)



ADAM POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/ENV-LB// RPU1

beaued To: APML, Plat No. A -1 Diet. Gondie - 441		1, Tirgra Growth Centre, 911	MIDC - Tenra,
Bample Particulars	Black Monitoring		
Sample Collected by	Environment Dep	CAPML	
t Sampling Location	#: #:	Unit-1	
2 Date of Sampling	i	05.88.202	**:
3 Time of Sampling	100	3/36 PM	
4 Lord (MW)		765	
8. Height of Stack ()	fotiar) :	278	
6 Diameter of Stock	ACCOMPANY IN THE RESERVE OF THE PERSON OF TH	7.4	
7 Type of Feet	#	Coat	
8 Flue Gas Tumper	ulure (*C) :	100	
s Flux Gas Velocity	(Mires)	25.33	
10 Flow of Exit Gas	CNT# (MM*OU):	2035588	

Sé. No	Text Parameters	Test Method	MPCE Standards	Unms	Parente *
1	PM	IB 11285 (Pert-1):1985	00	Mantell	202
2	90 _t	32 11255 (Part 2) 1005	200	Mallem	971,4
a	NOx	15 11255 (Fart 7) 3005	460	Mg01m ²	400.9

Parents are common with this parents

"Threat of the Report."

Soin Tenine condition and extrem the particular rests of topics.

1. The report autology and to the tented sample and for applicable parameters

5. The sumple will be destroyed other intention from unless otherwise somethal appearing

3. This input is matter by improducing satisfy or in part, and can't be case as evidence to chart of low.

of all Ass and Assignment of FCD in the SCO Limit will be application with a consistent of FCD. (But as application of FCD)

Authorities (Technical Manager)



adani environmental Laboratory

(Accredited by NABL)



ADAN! POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMILENVA.B/7.8/F01

Issued Ts:	APML, Plot No. A -1, Two Dist. Gondla - 441 911	[FIRE FIRE F			
Sample Particulors (Stack Munitoring				
Sample Collected by :	Enveronment Dept. APML				
Sampling Location		Unit 4			
2 Deta of Sampling	1	86.86.2021			
2 Time of Sampling	1.	ACTOR PIN			
# Load (MW)	1000	549			
s. Height of Stack (Me	(for)	276			
g - Clamater of Stack (Motory :	TA			
7 Type of File!	1	Coal			
U Flor Gas Temperal	inn (* C)	122			
5 Flor Ges Valuelly (Minaci	22.35			
10 Flow of Exit Gae at	NTP (KMVHr) :	2505963			

Sr. No	Test Paramotura	Tent Method	MPCB Stredunis	Spellin	Results *
+	PM	(S 11255 (Part. 1):1985	58	MpNex.	42.9
3	50;	88 11255 (Part 2) 1985	200	Mg/Noni	965.0
3	NOx	85 11255 (Fart 7) 2006	450	Mg/Wm ²	407.E

^{*} Sounds are constraint with \$50 program

"End at the Report"

Nation To stand committee your work outline that provident his devicts of http://dx.

1. The report is referring any to the status sample and for applicable parameter;

2. The earning will be inserting after reportion time symme of others appointed specially

3. This impact is was to be improducing wholly as in part, and sure like board as emissions in court of the Co-If it for pro ModP SCC Nontractors the SO2 Land will be applicable of the installation of PSD (INVO/SICEOLOGY 2004)

Authorized Signature (Technical Manageri



(Accordited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No. APMILIENV-LEIT BITOT

	9321000000B3SF			Date: 17	7.09.3551
	Innued To:	APML, Plot No. A /I Diet. Gendle - 441	, Tirora Growth Gentr 911	s, MBC - Tonro,	
81	imple Perficulars :	Black Mostoring			
50	mple Collected by t	Environment Dept	APM.		
4	Sampling Location		Unit -	-	
2	thete of Hempling	į.	05.00.20	ozi.	
3	Fine of Gampling		Erog PM		
4.	Liinii (MW)	53	SBAY	SWAY	
5	Height of Shack (Meter)		275		
*:	Diameter of Stack (Meter)		7.4		
7	Type of Funi	Ţ	Coat		
	Fine Gos Tumperati	refts :	121		
	Fine Gen Velocity (A	Albert) :	23.22		
10	Flow of Exit Gas at	NTF (NON"ON):	30107	44	
Sr. No	Tant Parameters	Test Method	MPCS Standards	Voine	Renote '
1	PM	(5.11288 (Part-1):1568	66	Mg/Hm²	28.6
2	80;	15 11255 (Part II) 1885	200	Mg/Hm ⁸	994,3
3	HOx	IN 11256 (Part T) 2006	460	Mg/Nm	402.4

* Please's and computed some title progent

"The died of the Report"

Restar Teodod insults are replication from postmone bills forme of MPERS.

- 1. The report is referring only for the teems sprople and for application parentwise.
- 2. This sample will be displayed other remember time present of labelies appetited specified.
- 3. This report is not to be expressioning which or in part, and can't be used an extreme in note of law.

A A An pay Stuff FACC Notification the SCO Little will be appropried after triplaterium of FILID (March 2005).

(Technical Manager)



(Accredited by NABL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMILLIPAY LIVE STOR

C\$19321006600829F			Dute: 30	0.04.2021	
		EST REPORT			
Issued Te:	APML, Pint No. A -: Dist. Quality 441	i, Tirona Growth Contr 811	e, MIDC - Ticore	0);	
Sample Particularus	Stack Monitoring				
Sample Collected by	Environment Degr	LAPME			
t Sampling Location	E E	thin.	4		
2 Date of Sampling		08.00.20	021		
 Time of Sampling 	30	4:38 P	M		
A Load (WW)		488			
6 Height of Stock (Meley)		275	275		
a Climater of Stack	Cliameter of Stack (Meter)		7,4		
7 Type of Faul	(Meter) :	Cost			
6 Flue Gas Tempera	ture (* C)	921			
# Floa Gas Velocity	(Milens)	22.4			
10 Flow of Bull Gen a	ENTER (NIMENTE)	25316	98		
St. Test Parameters	Test Method	MPCB Standards	Linite	Results	
1 PM	(5.11210 (Pert. 1)/1006	60	Mg/Hm²	32	
2 50 _t	III †1250 (Part 2) Tuns	200	Mg/frim ³	#60	
з мск	65 11255 (Fart 7)	450	Mg/Fron ⁵	196	

Fearer are amount with the support

THE SELECT PROPERTY.

Note: Toxical results are well within the permitted bring of SPICE

1. The report is referring only to the tested sample and for approprie preserves.

The cample will be detroyed after reterrors time unions otherwise specified specially.
 This report is not to be reproducing which or in part, and continue as evidence in a

A # As per MaSPRCC Northeaters the 502 Limit will be applicable after manufactor of PGO. (Marks Testal Artistical

Authorized Signatury (Technical Manager)



(Accordited by NABE)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No. APML SNY LMIT AFOT

1351932100000HB30F			Date: 50	00.2021
	3.1	EST REPORT		
leaved 7e.	APML, Plot No. A /1 Dat. Goods - 441	, Tiroca Growth Clentr 911	e, MIDC - Tirons,	
Sumple Particulare I	Stack Moretoring			
Sample Collected by I	Environment Days	LAPML		
1 Sampling Location	T.	Ueit -	6:	
2 Date of Sampling	ř	28.48.20	121	
3 Time of Sampling	A	4/80 P	W	
4 Lited (MW)	101	991		
5 Height of Stack (Mater) :		278		
6 Chameter of Steak (Diameter of Steak (Meter)		TA	
7 Type of First		Coal		
8 Five Gas Temperat	ure (*G) :	123		
5 Flow Gass Velocity ()	Wines)	23,09	E.	
10. Flow of Exit Gas at	HEP (NON 1991) I	28888	ÓŽ	
Sr. Test Parameters	Test Memod	MPCB Standards	Upitts	Results
1 PM	(R 11255 (Pers. 101988	50	Mg/Hes ¹	40
2 SO ₄	15 11300 (Paint 2)	200	Mg/Neri	961
S NOx	III. (1355-(Fart 7) 3005	ASD	Mg/Rm ³	433

- New bit has commonly seen 4% proper

"Bad in the Report"

Product Textural requires area work with the premiability limits of NPPCR

5. The import is referred birty to the tested earnple and for applicable parentees:

2. The exercise will aim electricated after intention time unless otherwise specified specially

3. This report is not to be reproducing wholly or in pen, and can't be used as evidence in pa

4 # As per MoEFECC Northodier the BOX Livet wit by sophistic after installation of FGO (MAND WE)

MARIO Authorite Climatury 3 (4) (Technical Managur)





ADANI POWER MAHARASHTRA LIMITED, TIRODA

France Story AMMELIERAN LINES SETTING

DODAGE TO BIG STREET BOOKS P.

Date: \$5.08.2025

wared far		AFRE Plat for A. C. Three Growth Sweez, MESC . Toron, Shat, Gondar - 441 815						
Bar	ngto Particulare	Arthrest Sie Gee	my (Plint)					
100	gin Cuhornet by t	Creatingward Digit. APML						
===			Tied Report					
	Therefore Laurence				Port	reverbers.		
Satism	Rampfrig Location	Kenithy tine	Acutavis Starting	F90.18	FREE	002	HCa	
			ONE	(e)/mit	pightd.	1994	papers	
		\$2,49,3321	E3.24.0021	10.7	20.0	3.00	110	
		00.00.3327	00.08 2007	41.0	35.6	13.8	27.8	
		99.66.2125	1029.3021	46.8	13.0	1164	53.0	
0.50		15.88.2121	14.68.2021	52.2	343	10.3	13.1	
AAQ1	Proc ARMS	16.04.3101	17 48 5231	41.5	27.6	9.6	343	
		20.00.3021	31.69.2021	12.8	18.6	15.3	13.3	
		THE STATE OF	DA.66.0001	40.8	160	14.8	17A	
Ш		27.69.3027	38.88 3021	63	111.1	254	19.7	
		31.54.2525	91.86.0021	414	18.4	16.9	218	
	Sout Street Plant	01.00.3037	1012 W. 2021	16.6	18.3	1.4	15.7	
		01.08.3929	06.88.2021	40.8	760	1.7	12.4	
		100.00.2021	10.86,8081	11.4	38.1	3.3	15.7	
		13.00.3121	14.88.3021	48.2	113	2.3	13.8	
AAGT		16.010.2021	17.05.2021	41.5	184	11.6	17.8	
		35.00.3901	81,063021	314	28.1	E4	122	
		23.06.3031	34.00.2023	44.6	34.1	19.8	10.7	
		27.68.3321	28.88.2021	47.8	21.5	10.0	3.8	
		34.69.3311	31.66.2321	45.9	19.8	7.4	13.6	
		82.00.0021	93.00.3021	443	19.9	78.4	18.6	
		88.00.8827	1666.3821	61.1	268	4.0	114	
		0.00.7021	1016.000	11.0	18.7	3.0	188	
		13.00.2001	14.06.0321	64.0	20.4	10.4	13.8	
485(1)	(Dene Carery)	98,000,0029	YEARDOR	47.1	28.1	13	12.9	
	111111111111111111111111111111111111111	81 111 2021	TUBERT	47.8	1907	(10.0	+1.4	
		31.00.0001	843903827	61.1	- 313	1000	1900	
		27.00.2021	28,500,2231	11.0	363	100	90	
		23.00.0021	1136 2481	21.4	300.0	964	25.1	
	HALE	MAS Styrogoria		109	- #	_7867		

*** God of the Report***

Name: Testing results are must sell fee processories begins of National Academy Age Squary Respirotory Standard (NAACAMS).

1. The report is columning andy to the tested sample and for each collic parameter/

2. This report is yet to be reproducing which, as in our, and con't be used as a

s Tauboteat Montager is

Phone Lin'T





ADANI POWER MAHARASHTRA LIMITED, TIRGUA

Format No. Artist (1984 Lin's 1984)

Date: 21.10.2001

time No. - Desentationnecondate

1001 H	L. ICSIESTIBODSODERF	Die Franzer			
meond'	tai:	APRIL Plot No. A -1, Thurs Smoth Centre, MIDC - Tissee, May, Centre - 441 911 Actions Stoke Level (Plant) Engineers Dept. APRIL 67.08.0021			
Samuela	Particulars :				
Sample	Coleman by)				
Setu of	Sergingi				
		Tast Report			
8: Niii	Constitute	Day time in dB (A)	(Oght Time to dill (A)		
S.: Fill	Personetie	(8.00 a.m. to 10.00 p.m.)	[1039.jim.##\$4.05.a.m.]		
11	Hear Shanti Niketen (II & Jil	10.3	45.4		
3	Mary Labour Homens	MLE	NIA.		
. 9	Maar Stone Ajen	62.7	153		
(4)	Saw Huit	18.7	63.3		
167	Gain Na.2	SC7	ida.		
i i	One No.5	765	154		
3	Name OHO	866	406		
	Ratiney Stilling	05.5	85.6		
	Near Reservoir 2	ROX	60.9		
10	Rear Fall Water Recovery Pump Huges	445	44.5		
77	In China Colony	39.4	37.3		
9	POE Standards (industrial Area)	24	źij		

PERSON DE PROPERTY

Note: Tests direcults are well within the permeable terms of MPCH / CPCH.

1. The report is returning pilly to the tested sample and for applicable paratheter.

2. The sample will be destroyed after retention time unious attanuous upon that specially

5. This report in not be be reproducing whelly or in part, and can't be used as coldence in solar of two

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ALC: NO





ADANI POWER MAHARASHTRA LIMITED, TIRODA

Parintel No. APRILLENA ADDITIONS

MPL No. : TEXTSTOTECOCCUSTOR'	200	:00x3mm

ings Colorus Tes	11.01.000	Analysis thanking Date	HURSON
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Parallel Mary Cold.

						nistr.
***	MANU SCORES	Dani .	Food, Methods	RESIDENTAL	Aget	Byr Dani
	(econo		APINA DIAL SINGS IN SI MANUSCRIPTI MANUS	3440	8.5	7.0
'n	100	mali	ATH-00 -8145	104.0	#	je:
3	226	eq/iv	ATTACKS (BATTE	2101.6	dan	30
4	ggs.	PRESE	APVA-Tine ME 201) SECUR Syet Mehod Abstract	.00	Ħ	N
9	ingst at 17% for 1 mays	right.	IC 2000 (P-An) (SEE II- (RES AU 1 SCU STANS III. 21 FE	944		•
1	CE A Steam	eg)))	A/No.22 mile 3015- 6820 Dis-Sylent Cyale Parties Sylenteriness 1985 M	1000	60.	9/6

-Control to Papers

Name: Training exacts up and within the particular index of 18703.

- 1. The stand is inferring only to the formal surplin min'tle applicable parameter.
- If The sample will be doubt paid offer powering from united with the same specified security.
- It. They have a ball in his represents which are found and confident sound as extreme.
- 4.4 habitants (his programme to the different of our fifther some

Auffertum Hanni (Vantonal Bringet)

Page 1 055



(Accredited by NAIL)



ADAM POWER MANARASHTRA LIMITED, TIRODA

Format No. APRILIDAY LBS SERS

News To	APPALITUITING A 1, Texas	Grants Ceans, MDC - Years, 0	tst. Gordia – 441 817
Bumple Cultertion Date	11,00,0121	Monifysis Miterting Cate	91.01.2009
Domile strawed	5 Lit /Same/ir	Sampled by	Environment Dept.

TRAT REPORT								
00	Parameter	State	Tiest, Methods	MPCD Standards	Hue	eti .		
**	MABL SCOPE	- Merry	HARLICOTTON.		2784	STPIE		
	the	HQ72	APHA 884 - 2010 D	01	,m	33		
1	con	#g.F)	APHALIDIA EJ 3091- SZIRI Open Nelkar Metinal	110	300	**		
j	800 at 07% for 3	mgPl	76 NOT (F-A4)-1883 M-1893 Ad 1 8000 II- Maja 34:37 NE	78	.4.	111		

"End of the Patron"

Many, Topical reports are seen within the permissible inchased MPCO.

- 1. The report is referring andy for the basked average and he spektrable parameter
- I. The compressed his destroyed after retarding time private attenues appealing specially.
- A. These report to must be the representative whichly or in part, and constitut would be extinued in citi.
- 4. Witnfacetor this personalist is but navered in our IMSL arrange

Authorities Dignatury 2 Checkennal Manager

Place 1 OF 6



(Accredited by NAIL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Famous Mac APMILIENV/CB/LB/T-B/T/01

CRE. No.: TCSTRAZTOSPPORROTY

Name 21.10.2021

hampta Cefanition Date	(128.3H21	Analysis Rooming Date	41,86,3681
Guerby resident	Timelongia	BeneficEby 1	Eartestrant Dat. FPR

TROUGHT MERCHIT

	Parameter	1777-0	HINW SEED	10000			Personal		
Er me	MABL SCOPE	\$MIE	Teet Stellmarks	Diseiterin	- W(MO))	0.02	GYT.	30.814	WAR
*	From Ameliation Chilaptine	myt	MINATE - 404 D. R. MIS Solution Solution	14	1.2	ш	113	8.3	10
*	Photograph as (PDK)	туА	aphic pay again It Develop Chaosy folios	•	2.0	(84)	32	94	,ij
9	Since an USA	myt	<u>=</u>	**	in.	Netic		904.	mot.
•	Talul Cheventum as (Cr.)	me	-	63:	DOL.	en.	m.	HEL.	mix

Title of the beautiful.

Name: Trained installs are used within the parents along the of 187725.

- 1. The regest is referring only to the torred words and for quite soir parameter.
- A. The conservable has making of after recording from action attended after the specially.
- A. Then report to real to be improved across wheatly no in part, you speck to count an extension to could

Authorized Repeating (St. | 2015 | 21 |

Figur. 1 Of 1



(Accredited by NARL)



ADAM POWER MAHARASHTRA LIMITED, TIROGA

Fjormal Hit; APPA APPY LBIT IS FOI

SWIT, WILL TO STREET AUGUSTOCISTS

with:

25.85.2225

Barryia Curtertion Orter	-9636360	Analysis Starting Date 1	80.30.3017
Columnia members	TOY/Sample	Complet by 1	Environment Dags ACRE

TAST REPORT

	Halifelliner	Merch I	ested Dis	Wice -	Ties	ute
Prom.	(NAME BEOPE)	tive	Teat Nethobs	Handerm	DINK	MYS
ř	188	mg 11	APPACEMENTS	2400	1.0	1600
ŧ	OK & Theme	murr	Amin Charter 2015 Aboth It Interest Ligaria Post River Street State contract	ta .	119-	van.
2	Capper (Total)		-21	47	mil.	Mis.
•	Perm (Total)	men	A011A-225-0- 308-F1-G	1.20%	BEN.	an.

This of the Assistant

Hote: "Tourne temple and well seller the parentialing finite of VACE.

1. The expect is referring early to the model excepts and for applicable possession.

3. The except will be destroyed when remitted the extent of the same and the special to

A. This report to not to be reproducing whelly or is part, and excit to asked as delinerar in cours of less

Authorized Signatury 3(\$6\2) (Deskrittel Manager)

Freist 1 CK 1

arrive 2

THE STATE OF



(Accredited by NABL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Former No. APMIJENU-LBST-REFIN

Date: 31.05.2021

URL NO: TOSTREPROGRAMMENT

Samula Collection Date	(Connect)	Analysis Starting Oate 1	et an aner
Quantity received	1 Lin / Sample	Sangled by	Embourant Dept. APSA

TEST HEPORT

891	Table Street	1215		MFCB			Amulta		
110	Panameter	UHR	Test Mullioda	Standards	MFt	UP2	UPB	U#4	UNS
.1	pH Value	÷	APHA-23nd - 4520-HHS Electrometric Mathod	6543	n:	+2	X4.	144	8.3
2	Temporature	Dag G	APHA-23HI - 2552 B	Not to exceed Notice that of inter- water	22.0	-1/C/A	22.0	3300	21,8
3	Pree Assindite Chartee	ним	APHA-33rd - 4500-C) G, DPD Colorimetro Method	0.5	63	0.1	82	- Oct	401

Mind of the Balance

Note: Toried require are said within the parametric little of BPCS.

5. The report is referring only to the tested semale and for applicable parameters.

2. The named will be expressed after recolling time arrives offending appealing problem.

2. This regard is not to be expressed by which or in part, and can't be used as extend in to court of law.

Authoritisal Signatury (Yestinical Manager)

Page 1 Of 1



(Accredited by NASL)



ADAMI POWER MAHARASHTRA LIMITED, TIRDDA

Forest No. APML/DWY-LBIT NESS

UNICHE: TORRESTRUCTOR

Date DESERBIES

tened for		APHIL Plut No. A. I., Titue Growth Certins, MISIC - Thors, Diet, Gierrin - 441 911								
50	ngie Paristaten.	Australia Al-Qua	the (Paril)							
201	gite Salitation by /	ficeinment fin	ME APPA							
			Fest Report							
		Commence of	CONTRACTOR OF THE CONTRACTOR O							
Hatter	Sangling Lacebarr	Statisting Date	Aratysis StarGeg Clutte	210.10	FM.2.1	300	904			
		1000000	1,277.1	10794	apres .	mil/m/l	yghnili			
		83,00,2003	94,09,7824	361	18.8	6.7	(8.7			
		100.000.0001	25.06.2021	13.1	113	2.30	187			
		100.00.2001	98.04.1834	25.3	38.6	+0.k	316.4			
search	Raar AVITTE	13103021	14.00.2021	23.9	10.0	0.0	14.1			
ANUT		17.29.7007	19,09,0001	813	28.6	162	30.1			
		16.00.2011	31.08.2821	864	28.9	- 44	16.2			
		-3409.2021	36/953029	4131	0.0	33	(812			
		\$7,290,50001	28.05.2501	48.8	33.3	8.7.	1,00.0			
		10.00.2011	34.05 2021	210	19.8	9.2	1903			
		58.00.000T	87.811.2123	35.1	26.3	4.6	188			
		48.00.0014	86.98.3001	86.6	16.7	3.4	163			
475	250 Vinite - 11	13(80.2001	14,08,3000	24.4	10	7.6	10.5			
MAG 3	Baret British Prent	. 12389.3001	18.19.000	46.9	163	8.3	(6.0			
		101002001	21.71.2001	12.0	25.6	T.J	13.7			
		24,39,3921	29.33.2021	83.1	37.6	71.1	19.3			
		17.59,7021	28.09.2021	48.8	21.6	87	213			
		FB:09.2001	16393025	43.6	14.4	6.0	190.2			
		100.00 mar.	27.81.2020	20.0	18.3	16.7	14.2			
		PERSON!	16.16.3021	16.8	30,9	76.0	18.8			
	CONTRACTOR OF THE CONTRACTOR O	(2) mis artist	14.03.3001	21.3	39.7	8.8	10.5			
(MQTF)	China College	17/99,7007	18.69.2021	167	21.4	114	162			
		201.09.2011	21.03.000	20.0	18.4	9.7	75.6			
		94,89,0001	29129.2021	86.4	84.5	1111	10.6			
		27.88.2007	28/83/3629	87.8	21.3	8.3	100			
	HAA	MS Standard		110	39	68	- 16			

*** Eind of the Report****

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1. The report to referring selly to the Install average and for applicably paremeter.

2. This regard is and to be representating whethy or report, and conflict another undersity in court of low

30 (43) Authorized Agratacy Technical Manager :

Maga Hatt



(Accredited by NASL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

FORTING NEW APARTMENT ARTEST

insued Ter	APRIL Port No. A. 1, Terms	Grawth Corne, WCIC - Thurs, I	Sut. Sendia – 441 911
Sample Culturilor Date	15.09.2021	Analysis Starting Tale	18.09,000
Christity enumbered	2 LH Stample	Danished by	Emirenment Copt

TEST REPORT							
nr —	Managemen	Unit	Total Medicals	Mince Stone of	Hee	ella.	
=	SHYRIC GOLLAST	2200	V-1		STF-4	8119.2	
7	THE	11077	APRIA-2015 - 2010 D	60	13	79	
*	E00	mari	ADVALISHE Fot 2517- 325518 Expon Herbid Abelidad	(=	76	60	
36	Miss of Joff Educ 3 Mays	e gy)	10: 3000 (V-44) 1000 5- 9-1000 Au 1 000 5- 96-9-91 27 %	28		:18	

""End of the Propert"

Note: Tested results are said white the parelyable being of MPCS.

- 1. The report is referring only to the methy nample and for applicable parentries.
- 2. The manufacult in decirouse after returnion time unions otherwise associated appealeds.
- 3. This report is met to be reproducing which yor in part, and part he would us existence in your of

C. I tedinates this parameter is not greated to our WML seepe

Multiurbid Styratory (Teathercal Manager) Page 1.011





ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Permat No. AFTEL MAY LEST AFTE

USC, No. THE HALL BROOMER		36-95-5001
Name of Part	APRIL PLAN SEA, A.M. Things Decision Carries, MICH Therein Carl. Street a 407 811	

enge Cometan Com	(0.00.000)	Analysis Starting Cells	10.043421
Guilly morest	(LIASymple	Supplied by	Strainment Stept APRIL

RESERVABLE PRODUCT

	1200000		ASSESS III	Part - William	- 14	esta.
855	Pessyster (HARL SCOPE)	1049	Teri Methods	terch (limbers	36440	400 House
41	gifficial	-	Ammilian reserves Thansander (Aphel	6444	ir.	19
'n.	the	100/1	M14:392 - 13410	1000	(19	38.
à.	104)+4-(t)	Alymidae - 1040.0	:200.0	39	100
+	408	mage 15	mingle-cres Eq 2017- (EQSO Quar Perfect (Metro)	med	iii	111
(#1	H002 AC 20 ⁴ 0 For 5 Adjac	20071	00.000 (F40.000 B) 000.001000 (F00.00 0775	1616		38
e.	Dr. E. Green	TTP/X	PARA CON EX 2011 SECTION LAURENCE PARAMETER PROPERTY CONTRACTOR PR	11.6	4	14

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tester: Transport of Alexander and Alexander Properties and Alexander Properties

- 1. The paper or induces purify in this leaders in every law opposite processes.
- 2. The parties will be described bits missibut their place of any se according gradely.
- 3. This report is not to be reproducing whethy in its part, and neithnessed an evaluation in pour efficie
- C. If historian the parameter is he convent it on a MARL south

Perfected Wesages

Page FOCE



(Accreditud by NASL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Firms No: APMLIENV-LBY-UFM

URL No : TC4180210000000000

Detail 20/09/2801

sergile Callection Ditte	18.08.0001	Analysis Starting Data	/III	10.09.2025
Countily received.	C.Lie/Sample	Sampood by	#11	Edylynimied Dept, APM

TEST REPORT

70					ii ho			nutta .	
786	Paraminer	Unit.	True Methode	Standards	HAR	0.01	U#3	U#4	UWS
9	pri Value	æ.	APIN-22rd - 4500 (149) Electrometric Method	6545	à	ex.	79	-61	1.1
1	Temperatum	Deg C	APHA-2316 -	Not to exceed Fit than that of intake water	25.8	12.0	88,8	349	23.9
1	Free Available Chiurine	PPM	APHA-23rd - 4506-CI G, DPO Cotartmetric Method	8.8		ėž	M.	ü	13

"Thought he would"

Note: Trains results are self-nithin the parametric herts of MPCE:

- 1. The report to referring only to the lapted sample and for applicable paremeter.
- 2. The sample will be Mistreyed after reterrition time unless atherwise specified appointly.
- 2. This report is not to be reproducing whelly or in part, and can't be seed as evidence to count of law

(Technical Managers
Page 1-011

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ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Formed Naci Advantation UNIV. By 7-8 M Ex.

Cather

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HITE THE ! TOARRESTABUSINGSHIP.

Besett Fer	APML, Plat Ha. A. S. Thoma Growth Domins, MENG - Thomas, Stat. Genetic - ANY Stat.					
Bamyle Collection Oxfo	irmmi	Antalysis Channing Clade 1	14 December			
Coultty serviced	f Declarque	Seculative 1	Desirement Days Arms			

MATERIA II. PERMITA DEL MATERIA DE MATERIA DE CATALOS.

Longiture of sample 1 Unit that I think I think I think & Unit E.

PRINT ARROACY

	Paramoter			MPCB	Perots				
Ir top	MADE SCIONES	Liver	Taut Medicine	Blandante	BA1	0.52	U#3	U##	985
*	Press Averlabile Observa	+07	MMCDer offit G G-IPD Establish Shifted	**	(80))	ax	(83)	(MW)	386
3	Phosphine as (POV)	maj#	organizaci Differences Charles Medical	٠	24)	(4.9	44	.00	14
3)	200 to (21)	+00	-	100	ms:	(1998)	300),	90%	Hen.
	Total Chromomas (Cr.)	myt	==	ú	310 L	805.	1004	85	HOL

The Park Section

Name: Totaled amounts are said soften the personal bin Switz of MPCSE.

1. The reason to influence only to the ternod burgue and for applicable parameter.

5. The nameta will be treatinged after intertion than unions offerwise agent full specials.

2. This report is not be be reproducing whilly or in and, and anoth in ward in orders a in court

third Bignition Herroteat Marriagnet

Page 1 Util





ADANI POWER MAHARASHTRA LIMITED, TIRODA

PHIRMALINAL APWLIENVA BET RETIR

Orto: 30.09.3021

UNL NO.: TEXTREPROPOSESSE

Serviced Tier	APML Plut No. A 11, Timra Srowth Centre, MIDC - Teum, Cist. Sunda - 441 881
Damply Particulars :	Arthlurt Maine Level (Wart)
Barrose Colmeted by /	Environment Days. APM.
Date of Simpling	9A 85 3921

Treat Peoplet.

		THE THE PARTY		
Ma	NULL NAME OF THE PARTY.	Oay Time in till Jay	Highle 7 Smartin 449 (A)	
No	Linishma	(8.00 a.m. to 10.00 p.m.)	(TERROR TO DESIDAN)	
46	Mear Shartl Niketon (4 & 4)	(33)	83.6	
ž.	New Landon Hollers	100.0	65.9	
	New Store Area	61.9	81.2	
a.J	Date No.1.	52.9	55.2	
,	Gate No.2	94.6	81.3	
٠	Gin No.3	70.4	65.5	
7	Nitar OHC	(11)	43.8	
Mil.	Rathway States	864	56.9	
95	West Reservate 2	514	47.8	
w.	Near Aut. Water Recovery Hemp House	61.0	57.8	
Œ.	Hi China Colony	36.9	88.3	
-	PCS Standards (Indicated) Area)	23	19	
	- 1-2-2110 1110 C - 1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1	The second secon		

- End Of the Resent

Note: Taxing similar are well within the permeetric limits of MPCR / CPCR.

1. The report is referring only to the tested usingle and for applicable parameter.

2. The sample will be down and what returning time unless attaced a positive specially.

2. This report is not to be recommend whelly of st part, and can't be count an extinct in court of law

moiste digrap (Feshalig) Manager

Person 1 47.1



(Accredited by NABL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format type APML/IDVY-CB17.4/F01

193734900028285			CHIEF 11	159,2001	
licesed for			e, MIDG ~ Timra,		
angle Esitionium :	Stack Monitoring				
mule Callering by	Environment Cept	APUE			
Sampling Location	16	Shirt (¥.		
Date of Sempling		15.09.2	021		
Time of Sempling		12:08 (100		
Load (MW)	ą.	384	384		
Height of Stuck (Met	herj.	275			
Diameter of Stuck (S	fortior):	74			
Type of Fuel	11	Cred			
Plus Can Temperatu	er (f c)	123			
Flue Gas Unionity (8	frienc)	23.54			
From of Exit Gos at	NETP (MIRE MAY):	26055	64		
Test Parameters	Test Mathrid	MPGB Stamfards	Wester)	Results 1	
PM	(Part-1):1005	30	Mg/him ⁷	38.3	
80,	16 11355 (Part 2) 1986	200	Waters*	292.3	
NOK	IS 11255 (Part ?) 2005	450	Mg/him ⁷	388:2	
Meleury	UBERA - 0968	0.00	MgMm ²	0.000	
	mule Pairboulers : mule Collected by Sampling Location Date of Sempling Load (MW) Halght of Stack (Ma) Diameter of Stack (Ma) Type of Fuel Flue Gas Velouty (N Fare of Exit Ges at I Yest Personators PM SOy NOx	Instead for Chit. Condition - 441 Imple Psiritroders : Stock Montoring mans Catherned by Environment Cept Sampling Location Date of Sampling Load (MW) Hulght of Stock (Motor) Type of Eucl Cost (Motor) Flue Gas Vetoutly (Misses) Flue Gas Vetoutly (Misses)	APMIL Place No. A -1, Teresis Growth Controller, Goodia - 441 bits Imple Particularies: Stock Monitoring mails Colleged by Salviniminant Copt. APVIC Sampling Location Chris Date of Sampling 12:08.9 Time of Sampling 12:08.9 Load (MW) 384 Huight of Stock (Motor) 275 Diameter of Stock (Motor) 274 Type of Fuel Cont Five Gas Velouity (Moses) 23:34 Five Gas Velouity (Moses) 23:34 Five of Exit Gas at http (statistic) MPCB Standards Five Of Exit Gas at http (statistic) MPCB Standards Five Gas Velouity (Moses) 30:34 Five Gas Velouity (Moses) 30:34 Five Of Exit Gas at http (statistic) MPCB Standards Five Of Exit Gas at http (statistic) 30:34 Five Of Exit Gas at http	APMIL Place No. A -1. Teres Growth Centre. MIDC - Tirore, Cent. Gonda - 441 011 Imple Psirticulars : Stock Monitoring Imple Psirticulars : Stock Monitoring Imple Condition : Ship APUIC Sampling Condition : Ship APUIC Time of Sompling : 12:08 PM Load (MW) : 384 Philipht of Stock (Motor) : 275 Diameter of Stock (Motor) : 7:4 Type of Fuel : Cnel Floo Gas Temporature (*C) : 123 Phile Gas Vistaulty (Mose) : 23:34 From of Exit Gos at hTP (Mit Mos) : 2605864 Takt Parameters : Test Montred : MPCR Stambards : Units PM (Nath 1):1008 : 30 Mighting : 300 Mighting : 3008 Mightin	

This is to provide the service.

"Bind of the Report"

Note: Touton mounts are send within the permissible finite of MPCS.

- I. The report is relating only to the pured party and for applicable presented:
- 2. The parties will be described after secretar time arrans otherwise specific specials.
- S. This report is not be to reproducing whilly or in part, and early to said as embercy in load of lay
- A # As per MADPINCO territories the EDI Limited be applicable after medical artifold. (March 2021 March 2021 M
- 3.84 National Stee provincing to not constant in our NASS, some
 - Markey resetting A analysis is being soon on esobely basis through third party.

Authorized Significal (Technical Manager)

Flago 1 lift



(Accordited by MARL)



ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APRILIENV-LB/7-MPht

728	19131600000027F			Chalut 1	0.00.3021
	Second Tes	APMI, Piur Nu. A1 Diel. Gandis – 441	, Tituca Growth Gentr 911	n, MDG – Tirura,	
-	imple Particulars :	Struck Monitoring			
3+	cruit Collected by I	Environment Days	APML		
1	Sampling Location	j j	Date	1	
2	Date of Sampling		16.08.2021		
1	Three of Sampling	1	THIRD AM		
4	Coult (MW)	1	460		
	Height of Black (Me	Hert III	- arm		
Ģ	Diameter of Stock (Arrest T	7.4		
7	Type of Parl	1	Coat		
ă,	Five Gue Yemperus	re (°C)	1(2)		
1	Flux Gas Velocity ()	Ameri) +	20.T	7	
10	Flow of East Ges at	NCOP (MM ² /H/n.)	78884	81	
Br.	Test Parameters	Test Method	MPCB Standards	Quan	Results *
7	PM.	45 11258 (Part-1):1988	58	Martin 1	44.3
1	20%	45 15255 (Part 8)	200	*Aniching*1	3700.1

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Moretime*

Mari Pillows

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- The impact to scheding unity to the faciled sample and for applicable parentation.
- 2. The sension will be destroyed after retention time unuses of wroms associated operating

1986 16-11266 (Purt 7)

2000 USEPA - 6660

- 3. This report is earns be improducing what you in part, and sent for used se without in court of law;
- # # As per MinEP SCO Notification the GOD Limit will be applicable of an installation of POD. (March 200) leaves both L.
- 3-PP indicates this pergresser is not newared in that NASA, scape-
- 8. Missayly resoluting & schools in heavy store or extensity basis from \$6.00 parts.

Authorizani Stanafore (Tachulant Manager)

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Please Tuff to



(Accorditate by NASL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APML/EMV4_007.88*01

C010321000000008F			Charles ::	18,09.2021	
Institut To:	APML.Plot No. A - Diet. Gondla - 44	1, Tirons Growth Centr 911	v, shoc Tiron	6)	
Sample Particulars	Stack Monitoring				
Sample Collected by	Environment Dep	i, apml			
t Sampling Location	n 1	tanir -	2		
Date of Sampling	¥	18.09.2	U24		
). Time of Sumpling	1	12:401	164		
Lood (MW)	Ŷ	488			
s maight of Stuck (N	forer)	271			
E Examinter of Stock	(Meter):	7.4			
Type of Fuel	4	Con	Cont		
Flow Gas Tempera	ttore (°C)	130			
5 Five Gas Velocity	(M/seet)	23.21			
10 Flow of Exit One :	e norm granting :	20074	00		
Gr. Taut Paternatur	Test Wethod	MPC8 Standards	Units	Bendlay	

Be. No	Test Patematers	Tout Method	MPC8 Standards	Mette	Reneffa
11	FW	(5 11258 (Part-1)(1885	to	Mg/him ⁹	35,4
2	60;	15 11255 (Part 2) 1885	200	Mg/Nint	860,6
3 -	NOX:	In 11255 (Part 7) 2005	450	Mg/Nin ³	317.1
422	Memory	USEPA - 0000	0.03	Mg/Nm ^Y	0.0178

^{*} Plaudic we variously with 8% accord-

"Find of the Report"

Note: Taxing results are well within the poerreside limits of EPCII.

- 1. The report is referring only to the tested earnab and for applicable presented.
- The sample will be described ofter retention time unless offwwire specified quickly.
- The report is not to be reproducing whisty or in part, and part by waint as enterior in your all law.
 If you per thirties to historian the 3000 Limit will by approxime what translation of PGO I deeply your warm those
- If the highways this provincial is not collected in our NASL scope:
- 8. Managey inscribings & analysis is being place on gusterly bears from performance

otherwest 570 Tentminal Managers



(According by NASL)



ADANI POWER MAHARASHTRA LIMITED, TIRODA

Format No: APMIL/ENV-LB/T-B/F01

11.64	AZZ4ROEODO#SNL			Date: 19	109.2031
		1	TEST REPORT		
	Issued To.	APML Prof. Bit. A - Clost, Grandia - 445	I, Timos Growth Centr 311	e, midd - Tienre,	
- 16	mple Perlocitors)	Strok Munitoring			
Hàn	marke Cultivitied by)	Erwiniamaint Dep	L'APRIL		
#3	Sampling Location	- 1	Unit-	4	
	Date of Samuring		111,09:2	021	
7	Time of Europhing	4	3:25 #	MA.	
4)	Load (WW)	1	395		
	Height of Stank (Me	lerj 1	275		
00	Diameter all State (Matrico:	7.4		
σ.	Type of Funi		Gou		
	Pine Gas Tamperst	are (*C)	120		
	Flue Oan Yelocity (N	Month 1	32.71	9	
NO.	Plow of East Class III.	NTP (NW ⁵ 89)	36729	88	
Sit.	Text Parameters	Test Method	MPCB Standards	Livita	Results
ŧ	FM.	38 11316 (Psi6-1):1388	96	Мр/Ин ⁴	49
3.	50,	19 11188 (Part 2) 1988	200	Mg/Km ⁴	880
9	NOM	43 11255 (Part F) 2001	450	Me/hm*	340
400	Marcury	1/5K/PA - 0000	0.000	Mg/Nm ³	0.0163

mean shorecar eff. It's poper

in bod of the frequent or

Mole: Teithol results are well suffice the permissible limits of MPCB.

- 5. The opport is returning any to the bread sample and by applicable parameter.
- The surrors will be destroyed after requires time unlike processe specified specifie.
- 3. This report is not to be depreciating about or to part, and carri be used as existence to want of late.
- a # As pair MASTACC feedbasser the SO2 Lenk WE're application ofer restations of FORE (March State) March State
- I diffindicates this parsender is not covered in our WARL mount
- 8. Mercury munitoring A emplying in being itoms on quality bank through third same

Authorized Signatury (Seutimosi Mariagar)





ADAMI POWER MAHARASHTRA LIMITED, TIRODA

Format 500; APVILABITABITABIT

Chi	#33100000000B3HF			Clade: 1	X-115-2025
		1	TROPIAN TEET		
	leased Ter	APMILPINT NIII. A. (Dist. Gondle - 441	I, Tirseu Growth Centr 311	H, MIDC - Tiron	4
- 31	mule Farticulars)	Oteick Munitoring			
illan	mpre Cultimeted by:	Environment Dop	LAPML .		
T	Sampiling Location	===	Unit-	10	
	Date of Sampling		16.09.2	121	
7	Time of Sempling	1	4 00 P	*	
	Load (MVV)	1	360		
B.	Hulght of Stock (Mo	inig ::	275		
Ħ	Diameter of Stack (I	Reteric	7.4		
T	Type of Pant		Con		
*	Flue Gas Temperati	er (fC)	121		
*	Flue Gas Velocity (8	Doct :	E3.30	1	
70	Floor of East Gas at	NTP (NM*0H)	26286	ri.	
St. Min	Test Parameters	Test Mathed	MPCS Stamlards	Unma	Hansilto
١.	214	(9 11318 (Park 1):1988	50	Mg/Him ³	37
2	80 ₁	15: 11389 (Part 1) 1168	200	Mg/Nm ⁴	DAT
3	MA	IE 11388 (Part 7) 0003	460	Mg/Hm ⁴	348
480	Mermay	UBEYA - 8000	0.03	Mg/Nm ³	9,0167

Rough personal still \$5-bucks

ending of the Research

Note: Turned results now wall within the percentable limits of 68°C'S.

- The report is returning only to the begind surrors and for applicable parentates.
- 1. The sample will be destroyed after retendon time unions attenues required acquisits.
- This reject is not to be reproducing whatly or in part, and carri to could ac withmen in court of life.
- a # An per triple pool Australian the DOS (protests to approach after transfer or 7000 physicalists
- If the braining this properties is not consent in our NARL proper
- 8 Haveury monthroop & analysis is being those or quartery basis fivough Note parts

authorized Signat (Taubilicat Managar)

																POWE																				
														5 x	Statio	W Ther		Mer Pla AAQM	_		ndia															
					AAQMS	-1 (Lat	our H	utment)								AAQA	ΛS-2 (C	hina C	olony)									AAG	QMS-3	(Gate n	o -2)				
Manh		PM 10			PM 2.5	5		S02			NOx			PM 10			PM 2.5	i		S02			NOx			PM 10			PM 2.5	5		S02			NOx	
Month		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3	5		ug/m3			ug/m3	i		ug/m3			ug/m3	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1-Apr-21	69.8	38.9	50.0	41.4	20.8	36.3	15.5	11.1	14.1	50.0	33.7	48.4	73.2	42.3	53.4	36.8	34.2	16.7	68.4	58.0	65.0	46.4	28.1	41.8	72.5	41.6	62.7	43.1	21.5	36.0	32.2	21.8	29.8	30.7	12.4	30.0
2-Apr-21	72.5	41.6	52.7	33.9	12.3	28.8	22.2	11.8	19.8	34.7	16.4	30.1	75.9	45.0	56.1	36.2	25.6	16.1	41.1	36.9	35.5	39.1	20.8	35.0	75.2	44.3	55.4	52.8	31.2	49.7	36.9	27.5	35.4	33.4	15.1	32.8
3-Apr-21	74.6	43.7	54.8	35.0	13.4	32.9	23.3	11.9	20.9	32.8	14.5	29.2	78.0	47.1	58.2	35.9	23.3	25.8	46.2	42.0	43.6	50.2	31.9	37.6	77.3	46.4	57.5	30.9	15.3	30.8	42.0	30.6	39.5	35.5	17.2	34.9
4-Apr-21	67.9	37.0	48.1	38.5	16.9	18.4	13.6	11.2	11.2	36.9	18.6	35.3	71.3	40.4	51.5	41.9	38.6	21.8	44.5	38.3	39.9	44.5	26.2	43.0	70.6	39.7	50.8	31.7	21.1	26.6	35.7	29.3	34.3	28.8	10.5	28.2
5-Apr-21	71.2	40.3	51.4	35.8	14.2	15.7	16.9	13.4	14.5	54.4	36.1	52.8	74.6	43.7	52.0	45.2	40.6	25.1	47.8	41.0	44.2	47.8	12.1	35.2	73.9	41.0	54.1	51.5	40.9	45.4	46.6	37.2	40.2	32.0	13.7	31.4
6-Apr-21	71.6	40.7	51.8	35.4	13.8	28.3	17.3	10.9	14.9	44.8	26.5	43.2	75.0	44.1	57.2	45.6	43.0	25.5	30.2	14.8	20.8	48.2	29.9	35.6	84.3	53.4	64.5	54.9	12.7	46.8	56.0	47.3	53.3	38.5	20.2	37.9
7-Apr-21	71.8	38.9	52.0	33.2	11.6	27.1	21.0	11.6	18.6	27.0	8.7	25.4	73.2	42.3	53.4	43.8	41.2	35.7	48.4	33.0	39.0	46.4	28.1	33.8	72.5	41.6	52.7	37.1	15.5	33.0	51.2	41.8	50.8	25.7	13.4	25.1
8-Apr-21	72.3	41.4	52.5	37.1	15.5	30.0	18.0	13.4	15.6	30.5	12.2	28.9	75.7	44.8	55.9	46.3	43.7	26.2	30.9	15.5	21.5	48.9	30.6	36.3	72.8	41.9	53.0	41.4	28.8	35.3	52.5	45.1	43.1	31.0	12.7	30.4
9-Apr-21	73.1	42.2	53.3	35.6	14.0	25.5	18.8	13.1	16.4	32.4	14.1	30.8	76.5	45.6	58.7	47.1	44.5	27.0	55.7	46.3	46.3	55.7	37.4	43.1	75.8	44.9	72.0	36.4	23.3	34.3	20.4	19.0	15.0	29.4	11.1	28.8
10-Apr-21	73.5	42.6	53.7	30.9	11.3	20.8	45.2	37.8	42.8	37.7	19.4	36.1	82.6	51.7	62.8	53.2	50.6	33.1	21.4	20.0	19.0	42.8	24.5	30.2	84.6	53.7	64.8	53.2	40.6	33.1	58.3	45.9	48.9	31.6	13.3	31.0
11-Apr-21	73.6	39.7	53.8	31.4	9.8	21.3	34.3	29.9	31.9	37.8	26.5	36.2	77.0	46.1	57.2	47.6	45.0	27.5	66.7	57.3	60.3	31.2	12.9	26.0	75.3	44.4	65.5	43.9	25.3	41.3	46.0	35.6	36.6	33.5	15.2	32.9
12-Apr-21	73.8	42.9	54.0	45.4	23.8	35.3	37.5	33.1	35.1	38.0	31.7	36.4	75.2	44.3	55.4	45.8	10.9	43.7	40.9	31.5	34.5	25.4	17.1	22.8	75.5	44.6	55.7	44.1	27.5	24.0	45.2	34.8	39.8	27.8	14.5	27.2
13-Apr-21	72.1	36.2	52.3	43.7	22.1	33.6	43.8	39.4	41.4	36.3	12.2	34.7	72.5	41.6	52.7	43.1	11.1	23.0	38.2	28.8	31.8	31.5	13.2	18.9	72.6	41.7	52.8	41.2	24.6	21.1	43.3	32.9	39.9	21.7	10.4	21.1
14-Apr-21	72.2	41.3	52.4	43.8	22.2	29.7	20.1	15.7	19.7	36.4	6.8	29.8	71.5	40.6	51.7	42.1	20.5	22.0	48.2	47.8	41.8	22.1	12.6	12.1	70.4	39.5	64.6	39.0	23.4	36.9	42.1	34.7	41.7	30.9	20.6	30.3
15-Apr-21	74.3	43.4	54.5	45.9	14.1	35.8	18.7	14.3	16.3	38.5	28.2	37.2	77.7	46.8	57.9	48.3	11.8	28.2	56.4	47.0	50.0	50.4	32.1	37.8	75.0	44.1	55.2	43.6	27.0	35.5	45.7	35.3	43.3	25.2	14.9	12.6
16-Apr-21	74.5	43.6	54.7	46.1	24.5	26.0	46.2	41.8	43.8	38.7	30.4	36.1	77.9	47.0	61.1	32.8	11.2	29.3	43.6	34.2	41.2	46.1	27.8	33.5	85.2	54.3	65.4	30.5	11.9	24.4	44.9	38.5	42.5	43.4	25.1	35.8
17-Apr-21	80.1	49.2	60.3	51.7	10.6	42.6	25.8	21.4	25.0	44.3	34.0	39.7	83.5	52.6	63.7	54.1	28.5	34.0	49.2	39.8	46.8	41.7	23.4	29.1	82.8	51.9	63.0	53.4	31.8	33.3	42.5	32.1	39.1	41.0	22.7	39.4
18-Apr-21	80.6	49.7	60.8	52.2	30.6	49.1	26.3	21.9	23.9	27.6	9.3	27.0	84.0	53.1	64.2	54.6	16.3	34.5	49.7	40.3	47.3	42.2	23.9	29.6	83.3	52.4	63.5	53.9	32.3	33.8	49.0	38.6	39.6	41.5	23.2	28.9
19-Apr-21	82.4	48.6	62.6	54.0	12.3	47.9	36.1	31.7	33.7	46.6	28.3	34.0	87.0	51.1	67.2	57.6	36.0	50.5	52.7	43.3	46.3	25.4	12.6	23.8	88.1	57.2	68.3	49.7	28.1	46.6	53.8	43.4	51.4	46.3	28.0	33.7
20-Apr-21	76.9	46.0	57.1	38.5	16.9	34.4	33.6	22.2	31.2	41.1	22.8	28.5	85.1	54.2	65.3	52.7	14.2	32.6	50.8	35.4	41.4	53.3	35.0	45.7	79.6	48.7	59.8	43.2	21.6	38.1	45.3	34.9	35.9	37.8	19.5	36.3
21-Apr-21	80.2	49.3	60.4	51.8	30.2	41.7	21.8	10.4	19.4	44.4	26.1	31.8	81.2	50.3	61.4	51.8	30.2	31.7	46.9	36.5	37.5	45.4	27.1	42.7	82.4	51.5	62.6	53.0	31.4	32.9	48.1	39.7	41.7	40.6	22.3	37.7
22-Apr-21	83.4	52.5	63.6	55.0	13.4	50.9	29.1	20.9	26.7	47.6	29.3	35.0	86.8	58.5	67.0	57.4	11.6	37.3	52.5	43.1	46.1	45.0	11.3	41.4	86.1	58.2	66.3	56.7	35.1	36.6	51.8	46.4	51.4	44.3	26.0	43.0
23-Apr-21	83.5	52.6	63.7	48.1	26.5	43.0	29.2	21.0	26.8	47.7	29.4	35.1	86.9	56.0	67.1	37.5	15.3	17.4	52.6	43.2	46.2	45.1	17.6	43.3	86.2	55.3	66.4	56.8	35.2	50.7	51.9	41.5	42.5	40.4	22.1	37.7
24-Apr-21	83.7	52.8	63.9	30.2	11.6	28.1	29.4	21.2	27.0	47.9	29.6	35.3	87.1	56.2	67.3	57.7	11.3	37.6	52.8	43.4	46.4	45.3	27.0	32.7	86.4	55.5	66.6	37.0	17.4	34.9	52.1	43.1	42.7	44.6	26.3	42.9
25-Apr-21	84.2	53.3	64.4	29.6	10.7	21.5	29.9	21.7	27.5	48.4	30.1	46.8	87.6	56.7	67.8	48.2	12.6	46.1	53.3	43.9	46.9	45.8		33.2	86.9	56.0	67.1	51.5	29.9	45.4	52.6	41.2	43.2	45.1	26.8	44.5
26-Apr-21	84.3	53.4	64.5	32.7	11.1	12.6	30.0		27.6	48.5	30.2	35.9	87.7	56.8	67.9	51.3	13.2	41.2	53.4	44.0	52.0	45.9	27.6	33.3	87.0	56.1	67.2	45.6	28.0	43.5	52.7	13.4	43.3	45.2	26.9	43.5
27-Apr-21	81.6	50.7	61.8	30.1	17.3	22.0	20.8	12.6	18.4	45.8	27.5	33.2	85.0	54.1	65.2	55.6	53.0	35.5	38.5	29.1	32.1	43.2		38.6	84.3	53.4	64.5	54.9	37.3	51.8	48.0	36.6	47.6	42.5	24.2	38.9
28-Apr-21	84.1	53.2	64.3	34.1	12.5	14.0	23.1	14.9	20.7		30.0	45.7	80.7	49.8	60.9	51.3	14.2	31.2	39.7	30.3	33.3	38.9			85.1	54.2	65.3	45.7	31.1	25.6	50.8	38.4	48.4	43.3	30.0	43.1
29-Apr-21	83.1	52.2	63.3	33.6	12.0	31.5	20.4	12.2	20.0	47.3	29.0	34.7	87.7	56.8	67.9	30.1	11.7	20.0	40.5	31.1	34.1	45.9	27.6	43.3	85.8	54.9	66.0	56.4	40.8	36.3	51.5	45.1	51.1	44.0	25.7	42.2
30-Apr-21	80.3	49.4	60.5	34.5	12.9	14.4	26.0	17.8	23.6	44.5	26.2	43.6	83.7	52.8	63.9	35.4	13.8	30.3	38.9	29.5	34.5	41.9	23.6	29.3	83.0	52.1	63.2	36.6	23.5	33.5	50.7	35.3	41.3	41.2	22.9	36.6

ADANI POWER MAHARASHTRA LIMITED

5 x 660 MW Thermal Power Plant , Tirora, Gondia Station: AAQMS 1 AAQMS 2 AAQMS 3

					^^^	:1/15	nous Hi	utment	`						Statio	on: AA		ΛΑΨΙΝ ΛS-2 (C		AQMS 3									۸۸۵	QMS-3 (Gato o	0 -21				
		PM 10			PM 2.5		J001 H		,		NOx			PM 10		l	PM 2.5	-					NOx			DAA 10					(Gate II				NOx	
Month								S02												S02						PM 10			PM 2.5			S02		<u> </u>		
		ug/m3	_		ug/m3			ug/m3			ug/m3	ı		ug/m3			ug/m3			ug/m3			ug/m3	Ι		ug/m3			ug/m3			ug/m3			ug/m3	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1-May-21	73.5	42.6	68.7	44.1	23.5	35.0	45.2	40.8	42.8	41.7	25.4	29.1	76.9	46.0	57.1	38.1	16.5	33.5	22.6	12.2	19.2	35.1	16.8	22.5	76.2	45.3	56.4	46.8	25.2	44.7	21.9	12.5	19.5	44.4	26.1	31.8
2-May-21	71.5	40.6	60.7	42.4	20.8	40.3	51.2	40.8	41.8	35.7	17.4	23.1	74.9	44.0	55.1	36.2	14.6	33.0	31.6	27.4	26.0	33.1	14.8	20.5	74.2	43.3	54.4	44.8	23.2	40.7	19.9	10.5	10.5	47.4	29.1	34.8
3-May-21	70.9	40.0	51.1	40.3	18.7	20.2	41.6	30.2	39.2	41.1	22.8	28.5	74.3	43.4	54.5	35.9	14.3	25.8	20.0	15.8	17.4	32.5	31.2	19.9	73.6	42.7	53.8	30.9	10.1	10.8	41.3	34.9	31.9	31.8	13.5	30.2
4-May-21	68.2	37.3	48.4	42.9	21.3	37.8	13.9	11.5	11.5	38.7	29.4	26.1	71.6	40.7	51.8	36.4	14.8	16.3	17.3	11.1	12.7	28.4	10.1	15.8	70.9	40.0	62.1	31.7	10.5	11.6	38.6	32.2	32.2	44.1	25.8	31.5
5-May-21	66.2	35.3	46.4	42.9	21.3	22.8	31.9	13.4	29.5	45.4	32.1	32.8	69.6	38.7	59.0	35.6	14.0	15.5	39.3	32.5	35.7	23.5	12.1	10.9	68.9	36.0	49.1	39.5	10.7	19.4	36.6	27.2	33.0	32.0	13.7	19.4
6-May-21	75.1	44.2	55.3	49.8	28.2	48.2	48.8		46.4	33.3	15.0	20.7	78.5	47.6	70.7	36.1	14.5	34.0	49.2	33.8	39.8	36.7	18.4	24.1	77.8	46.9	58.0	48.4	11.3	28.3	45.5	36.8	41.9	51.0	32.7	38.4
7-May-21	73.2	40.3	69.4	47.9	26.3	44.8	46.9		44.5	38.4	20.1	25.8	74.6	43.7	54.8	33.2	11.6	13.1	22.0	6.6	12.6	32.8	14.5	20.2	73.9	43.0	54.1	44.5	22.9	33.4	41.6	32.2	38.0	44.1	31.8	31.5
8-May-21	73.3	42.4	53.5	48.0	26.4	45.9	47.0	42.4	44.6	31.5	13.2	18.9	76.7	45.8	65.5	29.4	12.3	26.3	20.7	5.3	11.3	34.9	16.6	22.3	73.8	42.9	54.0	44.4	31.8	24.3	41.5	34.1	37.9	32.0	13.7	30.4
9-May-21	69.2	38.3	49.4	35.6	14.0	29.5	42.9	37.2	40.5	47.4	29.1	34.8	72.6	41.7	54.8	28.6	12.9	8.5	17.9	8.5	8.5	30.8	12.5	18.2	71.9	41.0	52.1	42.5	29.4	40.4	39.6	28.2	36.0	30.1	11.8	17.5
10-May-21	69.7	38.8	49.9	30.9	11.3	27.0	43.4	36.0	41.0		30.6	36.3	82.6	51.7	71.8	30.4	15.2	10.3	21.4	6.0	12.0	40.8		28.2	84.6	53.7	64.8	55.2	42.6	53.1	52.3	39.9	48.7	42.8	24.5	41.2
11-May-21	72.5	38.6	52.7	31.4	20.8	20.9	46.2	41.8	43.8	51.9	41.6	39.3	75.9	45.0	66.1	32.4	10.8	29.3	46.6	37.2	40.2	49.1	30.8	36.5	74.2	43.3	54.4	44.8	26.2	42.7	44.9	34.5	41.3	47.4	29.1	34.8
12-May-21	73.6	42.7	53.8	32.9	11.3	23.1	47.3	42.9	44.9	31.8	25.5	19.2	75.0	44.1	67.2	30.4	10.9	24.3	45.7	36.3	39.3	43.2	24.9	30.6	76.3	45.4	56.5	46.9	30.3	44.8	47.0	36.6	43.4	34.5	21.2	21.9
13-May-21	67.7	31.8	47.9	38.3	16.7	35.2	41.4	37.0	39.0	40.9	12.2	28.3	68.1	37.2	58.3	32.4	11.1	12.3	38.8	29.4	32.4	26.3	25.0	13.7	68.2	37.3	48.4	38.8	25.7	36.7	38.9	28.5	35.3	26.4	15.1	24.8
14-May-21	72.2	41.3	52.4	42.8	21.2	28.7	45.9	41.5	45.5	30.4	21.1	28.8	71.5	40.6	51.7	34.9	13.3	30.8	42.2	32.8	35.8	29.7	12.6	17.1	70.4	39.5	60.6	41.0	25.4	38.9	41.1	33.7	31.7	49.6	39.3	37.0
15-May-21	76.1	45.2	56.3	46.7	14.1	36.6	41.8	37.4	39.4	34.3	24.0	21.7	79.5	48.6	68.2	32.7	11.8	12.6	50.2	40.8	43.8	37.7	19.4	25.1	78.8	47.9	59.0	49.4	32.8	47.3	49.5	39.1	40.1	29.0	18.7	16.4
16-May-21	71.3	40.4	51.5	41.9	20.3	32.8	40.0	35.6	37.6	50.4	42.1	47.8	74.7	43.8	57.9	32.8	11.2	20.7	45.4	36.0	43.0	38.9	20.6	26.3	74.0	43.1	54.2	44.6	26.0	42.5	44.7	38.3	42.3	32.2	13.9	24.6
17-May-21	76.5	45.6	56.7	47.1	10.6	27.0	46.2	41.8	45.4	49.6	41.3	45.0	79.9	49.0	70.1	37.8	12.2	17.7	50.6	41.2	48.2	38.1	19.8	25.5	79.2	48.3	59.4	49.8	28.2	47.7	46.9	36.5	43.5	52.4	34.1	42.8
18-May-21	77.9	47.0	58.1	48.5	26.9	40.3	48.6	44.2	46.2	52.6	34.3	40.0	81.3	50.4	71.5	28.6	16.3	8.5	52.0	42.6	45.6	45.5	27.2	32.9	80.6	49.7	60.8	51.2	29.6	49.1	48.3	37.9	38.9	38.8	20.5	26.2
19-May-21	75.6	41.8	65.8	46.2	12.3	26.1	42.3	37.9	39.9	30.8	12.5	18.2	80.2	44.3	60.4	36.1	14.5	19.0	50.9	41.5	44.5	25.4	7.1	12.8	81.3	50.4	61.5	51.9	30.3	49.8	49.0	38.6	46.6	32.1	13.8	19.5
20-May-21	75.4	44.5	55.6	46.0	24.4	25.9	21.1	9.7	18.7	25.9	16.6	13.3	78.8	47.9	59.0	37.9	14.2	37.8	49.5	34.1	40.1	28.9	10.6	16.3	78.1	47.2	68.3	52.7	31.1	50.6	45.8	35.4	36.4	57.3	39.0	44.7
21-May-21	79.2	48.3	59.4	49.8	28.2	38.5	50.9	39.5	48.5	30.5	12.2	17.9	81.2	50.3	71.4	31.8	17.2	11.7	51.9	41.5	42.5	25.1	6.8	12.5	82.4	51.5	62.6	53.0	31.4	50.9	50.1	41.7	43.7	52.6	34.3	40.0
22-May-21	79.8	48.9	60.0	43.4	13.4	39.3	50.5	42.3	48.1	47.9	29.6	35.3	83.2	54.9	73.4	30.2	11.6	24.1	53.9	44.5	47.5	23.4	11.3	10.8	82.5	54.6	62.7	53.1	31.5	51.0	50.2	44.8	44.8	53.7	35.4	41.1
23-May-21	79.6	48.7	59.8	43.2	21.6	33.2	50.3	42.1	47.9	49.7	31.4	37.1	83.0	52.1	63.2	30.4	15.3	29.3	53.7	44.3	47.3	22.6	21.3	20.0	82.3	51.4	62.5	52.9	31.3	50.8	50.0	39.6	40.6	45.5	27.2	32.9
24-May-21	81.4	50.5	61.6	45.0	26.4	39.6	51.1	42.9	48.7	51.5	33.2	38.9	84.8	53.9	82.0	30.8	11.3	28.7	30.5	21.1	24.1	43.0	24.7	30.4	84.1	53.2	74.3	54.7	35.1	48.6	51.8	42.8	42.4	52.3	34.0	50.7
25-May-21	76.9	46.0	57.1	46.5	10.7	26.4	43.6	35.4	41.2	47.0	28.7	34.4	80.3	49.4	60.5	27.6	12.6	17.5	21.6	12.2	15.2	32.1	13.8	19.5	79.6	48.7	59.8	35.1	13.5	33.0	50.3	38.9	40.9	48.8	30.5	36.2
26-May-21	82.2	51.3	62.4	45.8	24.2	39.1	43.9	35.7	41.5	52.3	34.0	39.7	85.6	54.7	65.8	28.6	13.2	25.5	31.3	21.9	24.9	43.8	42.5	31.2	84.9	54.0	83.1	55.5	37.9	52.4	52.6	13.4	43.2	54.1	35.8	41.5
27-May-21	82.4	51.5	62.6	46.0	17.3	39.3	43.1	34.9	40.7	51.9	33.6	39.3	85.8	54.9	66.0	27.9	13.1	18.8	38.5	29.1	32.1	30.7	12.4	28.1	85.1	54.2	65.3	55.7	38.1	35.6	49.8	38.4	40.4	58.3	40.0	45.7
28-May-21	83.2	52.3	63.4	46.8	25.2	26.7	45.9	37.7	43.5	53.3	35.0	40.7	80.7	49.8	60.9	32.4	14.2	22.3	39.7	30.3	33.3	27.1	8.8	14.5	85.1	54.2	65.3	55.7	41.1	55.6	52.8	40.4	43.4	58.3	45.0	45.7
29-May-21	83	52.1	63.2	43.4	21.8	38.6	52.8	44.6	50.4	53.1	37.8	40.5	87.6	56.7	80.8	30.1	11.7	28.0	40.5	31.1	34.1	26.4	8.1	13.8	85.7	54.8	65.9	56.3	40.7	46.2	53.4	47.0	44.0	58.9	40.6	57.3
30-May-21	81.6	50.7	61.8	45.2	23.6	40.1	46.1	37.9	43.7	51.7	33.4	39.1	85.0	54.1	65.2	35.4	13.8	26.8	40.2	30.8	33.8	43.2	24.9	30.6	84.3	53.4	64.5	26.9	13.8	24.8	30.0	14.6	20.6	30.8	12.5	18.2
31-May-21	80.2	49.3	69.4	40.1	18.5	34.0	47.4	39.2	45.0	50.4	32.1	37.8	83.6	52.7	71.3	30.2	11.6	23.1	38.3	28.9	31.9	30.4	12.1	17.8	82.9	52.0	63.1	27.6	14.0	25.5	20.3	11.9	10.9	56.1	37.8	43.5

ADANI POWER MAHARASHTRA LIMITED

5 x 660 MW Thermal Power Plant , Tirora, Gondia Station: AAQMS 1 AAQMS 2 AAQMS 3

					AAQMS	-1 (1 -1	hour H	Itment	,			-	1		Statio	on: AA		AAQN NS-2 (C		AQMS 3									ΔΛΛ	MS-3 (Gate o	0 -21				
		PM 10			PM 2.5		1001 11	SO2	,		NOx			PM 10			PM 2.5		,iiiia C	SO2			NOx			PM 10			PM 2.5		Gate III	SO2			NOx	
Month		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3		 	ug/m3	
		_	A		_	A	***	_		***	_	A		_	A	***				_	I		_		***	_	A	***	_			_				
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1-Jun-21	66.9	46.0	47.1	40.5	41.3	20.4	25.6	21.2	23.2	30.1	13.8	21.5	65.9	45.0	46.1	32.5	10.9	22.4	35.6	25.2	32.2	24.1	5.8	11.5	69.6	38.7	49.8	34.2	12.6	32.1	33.3	22.9	30.9	32.8	14.5	20.2
2-Jun-21	62.9	42.0	43.1	33.8	40.3	13.7	23.6	13.2	14.2	28.1	9.8	15.5	62.1	41.2	42.3	28.7	7.1	26.6	31.8	27.6	26.2	29.3	19.0	16.7	65.6	34.7	45.8	36.2	14.6	34.1	35.3	25.9	25.9	23.8	5.5	11.2
3-Jun-21	66.4	45.5	46.6	35.8	14.2	33.7	25.1	13.7	22.7	31.6	13.3	19.0	56.9	46.0	37.1	23.5	21.9	23.4	18.6	14.4	16.0	24.1	5.8	11.5	69.1	38.2	49.3	39.7	28.1	19.6	32.8	21.4	23.4	32.3	14.0	19.7
4-Jun-21	63.1	42.2	43.3	34.8	13.2	14.7	23.8	21.4	21.4	26.3	8.0	13.7	54.3	40.4	34.5	20.9	10.3	18.8	22.5	16.3	17.9 27.0	22.5	12.2	9.9	65.8	34.9	46.0	36.4	14.8	16.3	32.5	26.1	26.1	24.0	5.7	22.4
5-Jun-21	66.6	45.7	46.8	46.3	24.7	26.2	27.3	13.4	24.9	24.8	6.5	12.2	55.9	40.0	33.3	48.1	26.5	28.0	30.6	23.8		22.1	11.8	9.5	69.3	36.4	49.5	39.9	18.3	37.8			26.6	32.5	14.2	29.9
6-Jun-21	69.8	48.9	50.0 66.5	48.5	26.9	42.4	30.5	24.1	28.1	33.0	14.7	20.4	57.3 50.9	51.4	39.5	36.1	14.5	16.0	18.0	12.6	8.6 11.2	15.5	5.2 13.8	2.9	56.0 69.0	25.1	36.2	26.6	11.3	24.5	20.7	12.0 31.3	11.3 31.3	24.2 38.2	5.9 25.9	11.6 25.6
7-Jun-21	68.3	47.4		43.0	21.4	22.9	27.7	18.3	25.3	26.5	6.9	13.9		45.0	41.0	17.5	12.3	-2.6 28.3	30.5	19.2 9.2		16.1		15.4		38.1	49.2	39.6	18.0	19.5 37.2	40.7	21.0	19.0	31.9	13.6	19.3
8-Jun-21	64.2	43.3	44.4	38.9	17.3	18.8	24.9	25.1		22.4 32.3	12.4	12.8	60.8	54.9	43.5	31.4	12.9				21.1	28.0	21.7	15.4	71.8	33.8 40.9	44.9 52.0	39.3 40.5	26.7		35.5		30.1	35.0		22.4
9-Jun-21	69.1			35.6	14.0	22.4	30.8	17.1	28.4	22.0	14.0		61.3	55.4 56.0	42.1	48.1	15.2	40.0	36.0 25.6	26.6	26.6	29.1	10.2			35.6	46.7		12.0	20.4	30.2	17.8	20.8	31.6	16.7	19.0
10-Jun-21	63.8	42.9	62.0	42.5	22.9		24.5				10.2	9.4	61.9			32.2	10.6		43.3	33.9	16.2			16.5	66.5			24.6	22.9		33.6	23.2		30.1	11.8	17.5
11-Jun-21	65.2		45.4	43.9	22.3	23.8	26.9	22.5	24.5	28.4	11.6	23.8	68.6	62.7	48.8			30.1			36.9	32.8	26.5	20.2	66.9	36.0	47.1	41.5		41.4			24.2		20.3	
12-Jun-21 13-Jun-21	69.7 69.3	48.8	49.9	48.4	26.8	28.3	30.4	26.0 25.6	28.0	27.9	12.3	15.3 27.9	69.7 70.1	63.8	49.9 50.3	40.3	40.3	38.2 38.6	39.4 44.8	30.0 35.4	33.0 38.4	19.9 37.3	13.6 19.0	7.3	70.4 69.8	39.5 38.9	50.6	42.0 34.4	25.4 18.8	39.9 14.3	37.1 39.5	26.7	31.7 36.1	33.6 33.0	21.7	21.0
14-Jun-21	66.3	45.4	56.5	45.0	23.4	30.9	27.0	22.6	26.6	39.5	6.8	26.9	65.6	59.7	45.8	36.2	14.6	34.1	40.3	30.9	33.9	32.8	12.6	30.2	64.5	33.6	44.7	39.1	23.5	19.0	36.2	28.8	26.8	30.9	20.6	18.3
15-Jun-21	66.1	45.2	46.3	36.7	14.1	16.6	18.7	14.3	16.3	29.3	8.9	27.7	69.5	63.6	49.7	36.1	11.8	34.0	39.2	29.8	32.8	33.7	23.4	21.1	68.8	37.9	49.0	32.4	15.8	12.3	35.5	25.1	26.1	37.0	26.7	34.4
16-Jun-21	69.4	48.5	67.6	40.0	18.4	19.9	31.1	26.7	28.7	44.6	36.3	42.0	60.7	39.8	60.3	31.3	9.7	29.2	30.4	21.0	28.0	27.9	21.6	15.3	70.1	39.2	50.3	40.7	22.1	38.6	36.8	30.4	34.4	33.3	15.0	25.7
17-Jun-21	68.7	47.8	58.9	44.3	10.6	24.2	29.4	25.0	28.6	36.9	11.3	32.3	58.3	52.4	60.9	28.9	23.3	26.8	33.0	23.6	30.6	25.5	7.2	12.9	71.4	40.5	51.6	34.0	12.4	31.9	43.1	32.7	39.7	29.6	11.3	20.0
18-Jun-21	68.2	47.3	66.4	38.8	10.9	18.7	13.9	9.5	11.5	38.4	20.1	25.8	59.7	53.8	39.9	23.3	20.6	3.2	33.4	22.0	23.0	17.9	9.6	5.3	70.9	40.0	51.1	33.8	12.2	31.7	42.6	32.2	33.2	39.1	20.8	26.5
19-Jun-21	67.3	46.4	47.5	46.0	12.3	25.9	29.0	24.6	26.6	33.5	15.2	20.9	60.4	54.5	40.6	31.0	9.4	29.9	30.1	20.7	23.7	28.6	22.3	16.0	73.0	42.1	53.2	35.6	14.0	33.5	36.7	26.3	34.3	32.1	13.8	19.5
20-Jun-21	59.1	48.2	39.3	26.8	12.2	6.7	19.8	8.4	17.4	17.3	13.6	15.7	62.5	56.6	42.7	33.1	14.2	31.0	20.6	8.3	11.2	26.7	8.4	24.1	61.8	30.9	42.0	32.4	10.8	30.3	25.5	15.1	16.1	23.0	4.7	10.4
21-Jun-21	57.4	46.5	37.6	36.1	14.5	16.0	21.8	10.4	19.4	15.6	9.0	13.0	66.9	61.0	63.7	37.5	15.9	35.4	30.4	20.0	21.0	31.1	21.8	18.5	60.1	29.2	40.3	30.7	21.1	10.6	26.8	18.4	20.4	21.3	3.0	8.7
22-Jun-21	60.3	49.4	40.5	24.0	13.4	3.9	6.0	4.8	3.6	18.5	15.8	15.9	63.7	52.8	43.9	34.3	11.6	32.2	28.4	19.0	22.0	27.9	21.6	15.3	63.0	35.1	43.2	35.6	14.0	33.5	26.7	21.3	21.3	26.2	7.9	13.6
23-Jun-21	68.1	57.2	48.3	36.8	15.2	14.3	13.8	5.6	11.4	34.3	16.0	21.7	68.7	57.8	48.9	38.1	19.8	11.9	25.4	16.0	19.0	35.9	29.6	33.3	70.8	39.9	51.0	30.9	17.3	28.8	34.5	24.1	25.1	34.0	15.7	21.4
24-Jun-21	57.3	46.4	47.5	28.0	9.4	7.9	16.7	8.5	14.3	15.5	6.3	13.9	60.7	54.8	66.8	25.3	11.3	5.2	27.4	18.0	21.0	28.9	10.6	16.3	60.0	29.1	40.2	24.6	15.0	4.5	26.7	17.7	17.3	28.2	9.9	15.6
25-Jun-21	59.9	49.0	40.1	30.6	10.7	28.5	21.6	13.4	19.2	20.1	9.8	7.5	63.3	52.4	43.5	28.2	12.6	8.1	28.0	18.6	21.6	21.5	15.2	10.9	62.6	31.7	42.8	31.2	19.6	29.1	26.3	14.9	16.9	25.8	7.5	13.2
26-Jun-21	66.8	55.9	65.0	27.5	5.9	25.4	12.5	9.3	10.1	25.0	6.7	18.4	70.2	64.3	50.4	34.8	13.2	14.7	34.9	25.5	28.5	33.4	15.1	20.8	69.5	38.6	49.7	28.2	10.6	22.1	33.2	13.4	23.8	27.7	9.4	15.1
27-Jun-21	63.9	53.0	44.1	30.1	17.3	28.0	23.3	15.1	20.9	32.2	13.9	25.6	67.3	61.4	65.5	37.9	25.6	35.8	32.0	22.6	25.6	28.5	10.2	15.9	66.6	35.7	46.8	32.2	14.6	30.1	30.3	18.9	20.9	27.8	9.5	15.2
28-Jun-21	61.3	50.4	51.5	34.1	12.5	34.0	23.1	14.9	20.7	22.5	14.2	9.9	67.9	62.0	59.7	38.5	14.2	36.4	32.6	23.2	26.2	32.1	25.8	19.5	64.0	33.1	44.2	29.6	15.0	27.5	30.7	18.3	21.3	27.2	13.9	14.6
29-Jun-21	69.9	59.0	50.1	34.8	13.2	32.7	29.3	21.1	26.9	26.1	7.8	13.5	63.0	57.1	60.3	33.6	11.7	13.5	27.7	18.3	21.3	30.2	23.9	17.6	71.6	40.7	51.8	37.2	21.6	35.1	35.3	28.9	25.9	34.8	16.5	22.2
30-Jun-21	66.2	55.3	46.4	34.5	12.9	14.4	27.9	19.7	25.5	25.4	7.1	12.8	67.6	61.7	57.8	28.2	16.6	26.1	22.8	13.4	16.4	25.8	19.5	23.2	67.9	37.0	48.1	26.9	13.8	24.8	32.6	17.2	23.2	30.8	12.5	29.2

ADANI POWER MAHARASHTRA LIMITED 5 x 660 MW Thermal Power Plant , Tirora, Gondia Station: AAQMS 1 AAQMS 2 AAQMS 3

					ΔΔΩΛΛΩ	-1 (-1	hour L	utment	,				1		Statio	on: AA		AAQM NS-2 (C			·								ΔΔΩ	MS-2	(Gate n	0 -21				
		PM 10			PM 2.5		0001 11	SO2	,		NOx			PM 10			PM 2.5		illia Ci	SO2			NOx			PM 10			PM 2.5		Gate II	S02		$\overline{}$	NOx	\dashv
Month		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3	
	Max	Min	Avg	Max	Min	Avg	Max	_	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max		Avg
1-Jul-21	53.7	46.8	33.9	30.6	10.0	10.5	18.4	14.0	16.0	11.9	5.6	-0.7	57.1	54.2	37.3	40.3	18.7	20.2	22.3	11.9	18.9	25.3	7.0	12.7	56.4	42.5	36.6	32.4	10.8	12.3	30.1	19.7	27.7	14.6	4.3	2.0
2-Jul-21	55.9	49.0	36.1	33.3	11.7	13.2	25.6	25.2	16.2	14.1	5.8	1.5	59.3	56.4	39.5	36.2	14.6	16.1	25.0	20.8	19.4	27.5	9.2	14.9	58.6	49.7	38.8	33.5	11.9	13.4	23.3	13.9	13.9	26.8		14.2
3-Jul-21	60.8	53.9	41.0	27.5	5.9	7.4	29.5	25.1	27.1	19.0	17.7	6.4	64.2	61.3	44.4	35.9	14.3	15.8	28.6	24.4	26.0	22.4	4.1	9.8	63.5	54.6	43.7	30.9	10.1	10.8	37.2	25.8	27.8	21.7	3.4	9.1
4-Jul-21	61.9	46.8	42.1	37.4	15.8	17.3	30.6	28.2	28.2	20.1	18.8	7.5	65.3	62.4	45.5	42.1	20.5	22.0	31.0	24.8	26.4	28.4	10.1	15.8	64.6	55.7	44.8	31.7	10.5	11.6	38.3	31.9	31.9	22.8	4.5	10.2
5-Jul-21	66.8	59.9	47.0	26.5	4.9	6.4	12.5	13.4	10.1	25.0	18.7	12.4	68.2	65.3	45.6	35.6	14.0	15.5	13.9	7.1	10.3	23.5	12.1	10.9	69.5	60.6	49.7	25.9	10.7	5.8	43.2	33.8	36.8	32.0	13.7	19.4
6-Jul-21	64.2	57.3	44.4	31.4	9.8	11.3	32.9	28.5	30.5	22.4	16.1	9.8	67.6	64.7	49.8	36.1	14.5	16.0	33.3	17.9	23.9	25.8	7.5	13.2	66.9	58.0	47.1	27.1	11.3	7.0	40.6	31.9	31.2	25.1	6.8	12.5
7-Jul-21	61.8	54.9	42.0	28.8	7.2	8.7	21.0	11.6	18.6	17.0	6.9	4.4	65.2	60.3	45.4	33.2	11.6	13.1	22.0	6.1	12.6	30.1	11.8	17.5	62.5	53.6	42.7	43.8	22.2	23.7	36.2	26.8	26.8	30.7	18.4	18.1
8-Jul-21	60.6	53.7	40.8	26.4	4.8	6.3	29.3	24.9	26.9	18.8	12.4	6.2	64.0	53.1	44.2	44.7	12.3	24.6	20.7	9.2	11.3	32.2	13.9	19.6	61.1	52.2	41.3	23.9	11.3	3.8	34.8	27.4	25.4	29.3	11.0	16.7
9-Jul-21	62.7	55.8	42.9	25.2	3.6	5.1	31.4	27.0	29.0	32.4	14.1	19.8	66.1	39.2	48.3	28.6	12.9	8.5	17.9	8.5	8.5	29.7	11.4	17.1	65.4	56.5	45.6	30.1	17.0	10.0	39.1	27.7	33.7	29.4	11.1	16.8
10-Jul-21	65.3	58.4	45.5	30.9	11.3	10.8	19.3	11.9	16.9	27.6	10.2	15.0	68.7	63.8	48.9	30.4	15.2	10.3	21.4	10.3	12.0	28.3	10.0	15.7	68.0	59.1	48.2	24.6	12.0	4.5	41.7	29.3	32.3	31.6	13.3	19.0
11-Jul-21	68.7	61.8	48.9	29.9	10.3	9.8	14.4	10.0	12.0	24.1	11.6	11.5	69.1	64.2	49.3	32.4	10.8	12.3	14.8	5.4	8.4	37.3	19.0	24.7	70.4	61.5	50.6	28.9	10.3	8.8	44.1	33.7	34.7	28.6	10.3	16.0
12-Jul-21	57.3	50.4	37.5	32.9	11.3	12.8	22.0	21.9	19.6	22.3	12.3	9.7	58.7	53.8	38.9	30.4	10.9	10.3	24.4	15.0	18.0	26.9	8.6	14.3	60.0	51.1	40.2	27.1	10.5	10.0	33.7	23.3	28.3	27.8	14.5	15.2
13-Jul-21	58.5	51.6	38.7	21.9	11.3	1.8	22.0	17.6	19.6	20.9	12.2	8.3	58.9	54.0	39.1	32.4	11.1	12.3	23.1	13.7	16.7	31.5	13.2	18.9	59.0	50.1	39.2	25.9	9.6	5.8	32.7	22.3	29.3	27.2	15.9	14.6
14-Jul-21	55.1	48.2	35.3	30.1	8.5	16.0	20.1	15.7	19.7	19.3	6.8	6.7	54.4	49.5	34.6	34.9	13.3	14.8	20.1	10.7	13.7	22.1	12.6	9.5	53.3	49.7	33.5	29.1	13.5	9.0	27.0	19.6	17.6	30.9	20.6	18.3
15-Jul-21	53.9	47.0	34.1	27.9	14.1	7.8	18.7	14.3	16.3	23.4	8.9	10.8	57.3	52.4	37.5	32.7	11.8	12.6	23.0	13.6	16.6	25.5	7.2	12.9	56.6	47.7	36.8	30.2	13.6	10.1	30.3	19.9	20.9	24.8	14.5	12.2
16-Jul-21	58.3	51.4	38.5	25.5	3.9	5.4	23.1	18.7	20.7	20.1	11.8	17.5	61.7	56.8	60.3	32.8	11.2	12.7	22.8	13.4	20.4	29.9	11.6	17.3	61.0	52.1	41.2	30.5	11.9	10.4	34.7	28.3	32.3	29.2	10.9	21.6
17-Jul-21	57.1	50.2	37.3	15.9	10.6	-4.2	17.8	13.4	17.0	22.6	11.3	18.0	60.5	55.6	60.9	37.8	12.2	17.7	26.2	16.8	23.8	28.7	10.4	16.1	59.8	50.9	40.0	32.6	11.0	12.5	33.5	23.1	30.1	18.0	19.1	8.4
18-Jul-21	56.5	49.6	36.7	21.7	10.9	1.6	22.2	17.8	19.8	27.6	9.3	15.0	59.9	55.0	40.1	28.6	10.2	8.5	25.6	16.2	19.2	28.1	9.8	15.5	59.2	50.3	39.4	33.8	12.2	13.7	32.9	22.5	23.5	27.4	9.1	14.8
19-Jul-21	59.4	52.5	39.6	14.1	12.3	-6.0	13.1	8.7	10.7	14.6	13.3	2.0	64.0	59.1	44.2	36.1	14.5	19.0	29.7	20.3	23.3	25.4	7.1	12.8	65.1	56.2	45.3	34.1	12.5	14.0	38.8	28.4	36.4	32.1	13.8	19.5
20-Jul-21	52.1	45.2	32.3	31.0	9.4	10.9	15.8	4.4	13.4	25.9	7.6	13.3	55.5	50.6	35.7	37.9	14.2	17.8	20.6	8.3	11.2	28.9	10.6	16.3	54.8	45.9	35.0	38.4	16.8	18.3	28.5	18.1	19.1	23.0	4.7	10.4
21-Jul-21	53.4	46.5	33.6	23.7	2.1	3.6	21.8	10.4	19.4	30.5	12.2	17.9	56.8	51.9	63.7	31.8	10.2	11.7	30.4	20.0	21.0	25.1	6.8	12.5	56.1	47.2	36.3	37.0	15.4	16.9	29.8	21.4	23.4	33.0	14.7	20.4
22-Jul-21	58.9	45.0	39.1	26.4	13.4	24.3	21.6	18.4	19.2	31.0	12.7	18.4	62.3	57.4	42.5	30.2	11.6	10.1	19.3	9.9	12.9	23.4	11.3	10.8	61.6	52.7	41.8	31.9	10.3	11.8	15.1	9.7	9.7	29.8	11.5	17.2
23-Jul-21	71.3	40.4	51.5	32.8	11.2	14.3	17.0	8.8	14.6	29.5	11.2	16.9	56.4	51.5	36.6	30.4	15.3	11.9	22.1	12.7	15.7	22.6	9.4	10.0	71.6	62.7	51.8	30.9	8.9	10.8	36.4	26.0	27.0	39.8	21.5	27.2
24-Jul-21	64.8	49.9	45.0	38.9	20.3	18.8	33.5	25.3	31.1	23.0	4.7	10.4	68.2	63.3	66.8	30.8	11.3	10.7	33.9	24.5	27.5	26.4	8.1	13.8	67.5	58.6	47.7	30.4	10.8	10.3	41.2	32.2	31.8	25.7	7.4	13.1
25-Jul-21	61.5	50.6	41.7	29.6	10.7	29.5	19.2	17.0	16.8	26.4	8.1	13.8	64.9	60.0	45.1	27.6	12.6	7.5	21.6	12.2	15.2	32.1	13.8	19.5	64.2	52.3	44.4	35.1	13.5	15.0	37.9	26.5	28.5	30.2	11.9	17.6
26-Jul-21	60.2	49.3	40.4	32.7	11.1	12.6	5.9	5.7	3.5	18.4	12.1	5.8	63.6	58.7	43.8	28.6	13.2	12.6	29.3	19.9	22.9	21.8	3.5	9.2	62.9	51.0	43.1	28.2	10.6	8.1	36.6	13.4	27.2	31.1	12.8	18.5
27-Jul-21	62.8	48.9	43.0	17.8	17.3	-2.3	20.8	12.6	18.4	32.2	13.9	19.6	66.2	61.3	46.4	27.9	13.1	7.8	38.5	29.1	32.1	30.7	12.4	18.1	65.5	53.6	45.7	29.1	11.5	10.2	39.2	27.8	29.8	28.9	10.6	16.3
28-Jul-21	66.9	46.0	47.1	20.4	8.8	0.3	23.1	14.9	20.7	32.7	14.4	20.1	69.3	64.4	59.7	32.4	14.2	12.3	39.7	30.3	33.3	27.1	8.8	14.5	69.6	57.7	49.8	26.7	12.1	10.8	43.3	30.9	33.9	24.6	11.3	12.0
29-Jul-21	66	45.1	46.2	33.6	12.0	13.5	20.4	12.2	18.0	29.7	11.4	17.6	69.4	64.5	60.3	30.1	11.7	10.0	40.5	31.1	34.1	26.4	8.1	13.8	68.7	56.8	48.9	29.4	13.8	9.3	42.4	36.0	33.0	29.1	10.8	16.5
30-Jul-21	63.8	43.9	44.0	23.6	2.0	3.5	27.5	19.3	25.1	44.9	26.6	32.3	65.2	60.3	45.4	35.4	13.8	15.3	42.3	32.9	35.9	33.4	15.1	20.8	66.5	57.6	46.7	26.9	13.8	6.8	40.2	24.8	30.8	30.8	12.5	18.2
31-Jul-21	66.7	59.8	46.9	21.4	9.8	1.3	18.7	10.5	16.3	30.4	12.1	17.8	68.1	63.2	48.3	30.2	11.6	10.1	22.8	13.4	16.4	30.4	12.1	17.8	69.4	58.5	49.6	27.6	14.0	7.5	43.1	34.7	33.7	32.2	13.9	19.6

ADANI POWER MAHARASHTRA LIMITED

5 x 660 MW Thermal Power Plant , Tirora, Gondia

Station:	AAQMS 1	AAQMS 2	AAQMS 3

													1		Statio	on: AA				AQMS 3	,				1											
				/	AAQMS	-1 (Lat	our H	ıtment)								AAQA	NS-2 (C	hina C	olony)									AAG	QMS-3 ((Gate n	o -2)				
Month		PM 10			PM 2.5	i		S02			NOx			PM 10			PM 2.5			S02			NOx			PM 10			PM 2.5	5		S02		<u> </u>	NOx	
		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3		<u> </u>	ug/m3	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1-Aug-21	58.6	51.7	38.8	30.6	10.0	10.5	23.3	18.9	20.9	16.8	10.5	4.2	62.0	59.1	42.2	40.3	18.7	20.2	22.3	11.9	18.9	30.2	11.9	17.6	61.3	47.4	41.5	32.4	10.8	12.3	35.0	24.6	32.6	19.5	9.2	6.9
2-Aug-21	54.3	47.4	34.5	38.2	16.6	18.1	24.0	23.6	14.6	22.5	14.2	9.9	57.7	54.8	37.9	36.2	14.6	16.1	23.4	19.2	17.8	25.9	7.6	13.3	57.0	48.1	37.2	33.5	11.9	13.4	21.7	12.3	12.3	25.2	6.9	12.6
3-Aug-21	62.9	56.0	43.1	33.9	12.3	13.8	31.6	27.2	29.2	21.1	19.8	8.5	66.3	63.4	46.5	35.9	14.3	15.8	28.6	24.4	26.0	24.5	6.2	11.9	65.6	56.7	45.8	30.9	10.1	10.8	39.3	27.9	29.9	23.8	5.5	11.2
4-Aug-21	62.3	46.8	42.5	42.5	20.9	22.4	31.0	28.6	28.6	20.5	19.2	7.9	65.7	62.8	45.9	42.1	20.5	22.0	31.4	25.2	26.8	28.4	10.1	15.8	65.0	56.1	45.2	31.7	10.5	11.6	38.7	32.3	32.3	23.2	4.9	10.6
5-Aug-21	62.7	55.8	42.9	26.9	5.3	6.8	31.4	13.4	29.0	20.9	14.6	8.3	64.1	61.2	41.5	35.6	14.0	15.5	28.8	27.0	25.2	32.3	12.1	19.7	65.4	56.5	45.6	25.9	10.7	5.8	39.1	29.7	32.7	32.0	13.7	19.4
6-Aug-21	61.7	54.8	41.9	27.3	5.7	7.2	30.4	26.0	28.0	19.9	13.6	7.3	65.1	62.2	47.3	36.1	14.5	16.0	30.8	15.4	21.4	23.3	5.0	10.7	64.4	55.5	44.6	27.1	11.3	7.0	38.1	29.4	28.7	22.6	4.3	10.0
7-Aug-21	55.7	48.8	35.9	41.3	19.7	21.2	21.0	11.6	18.6	20.9	6.9	8.3	59.1	54.2	39.3	33.2	11.6	13.1	22.0	6.1	12.6	30.1	11.8	17.5	56.4	47.5	36.6	41.9	20.3	21.8	30.1	20.7	20.7	24.6	12.3	12.0
8-Aug-21	59.1	52.2	39.3	35.3	13.7	15.2	27.8	23.4	25.4	17.3	12.4	4.7	62.5	51.6	42.7	44.7	12.3	24.6	27.2	9.2	17.8	30.7	12.4	18.1	59.6	50.7	39.8	23.9	11.3	3.8	33.3	25.9	23.9	27.8	9.5	15.2
9-Aug-21	60.3	53.4	40.5	38.7	17.1	18.6	29.0	24.6	26.6	32.4	14.1	19.8	61.7	40.8	43.9	28.6	12.9	8.5	26.4	17.0	17.0	29.7	11.4	17.1	63.0	54.1	43.2	30.1	17.0	10.0	36.7	25.3	31.3	29.4	11.1	16.8
10-Aug-21	60.8	53.9	41.0	30.9	11.3	10.8	19.3	11.9	16.9	27.6	10.2	15.0	64.2	59.3	44.4	30.4	15.2	10.3	21.4	10.3	12.0	28.3	10.0	15.7	63.5	54.6	43.7	24.6	12.0	4.5	37.2	24.8	27.8	31.6	13.3	19.0
11-Aug-21	58.7	51.8	38.9	25.4	10.3	5.3	27.4	23.0	25.0	24.1	11.6	11.5	59.1	54.2	39.3	32.4	10.8	12.3	24.8	15.4	18.4	27.3	9.0	14.7	60.4	51.5	40.6	28.9	10.3	8.8	34.1	23.7	24.7	24.6	6.3	12.0
12-Aug-21	56.9	50.0	37.1	32.9	11.3	12.8	21.6	21.5	19.2	22.3	12.3	9.7	58.3	53.4	38.5	30.4	10.9	10.3	24.0	14.6	17.6	26.5	8.2	13.9	59.6	50.7	39.8	27.1	10.5	10.0	33.3	22.9	27.9	27.8	14.5	15.2
13-Aug-21	57.9	51.0	38.1	21.5	10.9	1.4	22.0	17.6	19.6	20.9	12.2	8.3	58.3	53.4	38.5	32.4	11.1	12.3	23.1	13.7	16.7	31.5	13.2	18.9	58.4	49.5	38.6	25.9	9.6	5.8	32.1	21.7	28.7	26.6	15.3	14.0
14-Aug-21	52.6	45.7	32.8	37.5	15.9	23.4	20.1	15.7	19.7	19.3	6.8	6.7	51.9	47.0	32.1	34.9	13.3	14.8	16.6	7.2	10.2	22.1	12.6	9.5	50.8	49.7	31.0	29.1	13.5	9.0	24.5	17.1	15.1	30.9	20.6	18.3
15-Aug-21	55.5	48.6	35.7	27.9	14.1	7.8	18.7	14.3	16.3	23.4	8.9	10.8	58.9	54.0	39.1	32.7	11.8	12.6	24.6	15.2	18.2	27.1	8.8	14.5	58.2	49.3	38.4	30.2	13.6	10.1	31.9	21.5	22.5	26.4	16.1	13.8
16-Aug-21	58.8	51.9	39.0	27.1	5.5	7.0	23.1	18.7	20.7	20.1	11.8	17.5	62.2	57.3	60.3	32.8	11.2	12.7	22.8	13.4	20.4	30.4	12.1	17.8	61.5	52.6	41.7	30.5	11.9	10.4	35.2	28.8	32.8	29.7	11.4	22.1
17-Aug-21	59.6	52.7	39.8	38.4	10.6	18.3	20.3	15.9	19.5	22.6	11.3	18.0	63.0	58.1	60.9	37.8	12.2	17.7	28.7	19.3	26.3	31.2	12.9	18.6	62.3	53.4	42.5	32.6	11.0	12.5	36.0	25.6	32.6	20.5	21.6	10.9
18-Aug-21	60.1	53.2	40.3	24.2	10.9	4.1	25.8	21.4	23.4	27.6	9.3	15.0	63.5	58.6	43.7	28.6	10.2	8.5	29.2	19.8	22.8	31.7	13.4	19.1	62.8	53.9	43.0	33.8	12.2	13.7	36.5	26.1	27.1	31.0	12.7	18.4
19-Aug-21	63.9	57.0	44.1	17.7	12.3	-2.4	17.6	13.2	15.2	19.1	17.8	6.5	68.5	63.6	48.7	36.1	14.5	19.0	34.2	24.8	27.8	25.4	7.1	12.8	69.6	60.7	49.8	34.1	12.5	14.0	43.3	32.9	40.9	32.1	13.8	19.5
20-Aug-21	63.5	56.6	43.7	35.5	13.9	15.4	27.2	15.8	24.8	25.9	7.6	13.3	66.9	62.0	47.1	37.9	14.2	17.8	20.6	8.3	11.2	28.9	10.6	16.3	66.2	57.3	46.4	38.4	16.8	18.3	39.9	29.5	30.5	34.4	16.1	21.8
21-Aug-21	61.4	54.5	41.6	35.1	13.5	15.0	21.8	10.4	19.4	30.5	12.2	17.9	64.8	59.9	63.7	31.8	10.2	11.7	30.4	20.0	21.0	25.1	6.8	12.5	64.1	55.2	44.3	37.0	15.4	16.9	37.8	29.4	31.4	33.0	14.7	20.4
22-Aug-21	63.4	49.5	43.6	26.4	13.4	24.3	26.1	22.9	23.7	31.0	12.7	18.4	66.8	61.9	47.0	30.2	11.6	10.1	19.3	9.9	12.9	23.4	11.3	10.8	66.1	57.2	46.3	31.9	10.3	11.8	15.1	9.7	9.7	34.3	16.0	21.7
23-Aug-21	65.8	44.9	46.0	32.8	11.2	14.3	34.5	26.3	32.1	24.0	5.7	11.4	56.4	51.5	36.6	30.4	15.3	11.9	22.1	12.7	15.7	24.6	9.4	12.0	66.1	57.2	46.3	30.9	12.9	20.8	36.4	26.0	27.0	34.3	16.0	21.7
24-Aug-21	65.9	51.0	46.1	33.4	14.8	13.3	32.6	24.4	30.2	24.1	5.8	11.5	69.3	64.4	66.8	30.8	11.3	10.7	35.0	25.6	28.6	27.5	9.2	14.9	68.6	54.7	48.8	30.4	10.8	10.3	42.3	33.3	32.9	26.8	8.5	14.2
25-Aug-21	64.8	53.9	45.0	29.6	10.7	29.5	22.5	20.3	20.1	26.4	8.1	13.8	68.2	63.3	48.4	27.6	12.6	7.5	21.6	12.2	15.2	32.1	13.8	19.5	67.5	65.6	47.7	35.1	13.5	15.0	41.2	29.8	31.8	30.2	11.9	17.6
26-Aug-21	59.9	49.0	40.1	32.7	11.1	12.6	5.6	5.4	3.2	18.1	11.8	5.5	63.3	58.4	43.5	28.6	13.2	12.6	29.0	19.6	22.6	21.5	11.2	8.9	62.6	40.7	42.8	28.2	10.6	8.1	36.3	13.4	26.9	30.8	12.5	18.2
27-Aug-21	56.7	42.8	36.9	39.5	17.3	19.4	20.8	12.6	18.4	32.2	13.9	19.6	60.1	55.2	40.3	27.9	13.1	7.8	38.5	29.1	32.1	30.7	12.4	18.1	59.4	47.5	39.6	29.1	11.5	10.2	33.1	21.7	23.7	28.9	10.6	16.3
28-Aug-21	66.9	46.0	47.1	36.3	24.7	16.2	23.1	14.9	20.7	32.7	14.4	20.1	69.3	64.4	59.7	32.4	14.2	12.3	39.7	30.3	33.3	27.1	8.8	14.5	69.6	57.7	49.8	26.7	12.1	10.8	40.3	27.9	30.9	24.6	11.3	12.0
29-Aug-21	71	50.1	51.2	33.6	12.0	13.5	20.4	12.2	18.0	29.7	11.4	17.6	66.9	62.0	60.3	30.1	11.7	10.0	40.5	31.1	34.1	26.4	8.1	13.8	71.3	59.4	51.5	29.4	13.8	9.3	41.0	34.6	31.6	29.1	10.8	16.5
30-Aug-21	67.8	47.9	48.0	28.6	7.0	8.5	31.5	23.3	29.1	26.0	7.7	13.4	69.2	64.3	49.4	35.4	13.8	15.3	40.6	31.2	34.2	39.4	21.1	26.8	70.5	61.6	50.7	26.9	13.8	6.8	34.2	18.8	24.8	30.8	12.5	18.2
31-Aug-21	68.4	61.5	48.6	25.4	13.8	5.3	18.7	10.5	16.3	30.4	12.1	17.8	69.8	64.9	50.0	30.2	11.6	10.1	24.5	15.1	18.1	30.4	12.1	17.8	71.1	60.2	51.3	27.6	14.0	7.5	42.8	34.4	33.4	32.2	13.9	19.6

ADANI POWER MAHARASHTRA LIMITED 5 x 660 MW Thermal Power Plant . Tirora. Gondia

-														5 x	Statio	W The			int, Tii 1S2 AA																	
					AAQMS	-1 (Lal	bour H	utment)						Stotik	JII. 70			hina C		<u>'</u>								AAG	QMS-3	(Gate n	o -2)				
		PM 10)		PM 2.5	i		502			NOx			PM 10			PM 2.5	5		502			NOx			PM 10			PM 2.5	5		S02			NOx	
Month		ug/m3	;		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3	;		ug/m3			ug/m3	3		ug/m3			ug/m3	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1-Sep-21	60.8	53.9	41.0	42.6	22.0	22.5	25.5	21.1	23.1	19.0	12.7	6.4	64.2	61.3	44.4	40.3	18.7	20.2	22.3	11.9	18.9	32.4	14.1	19.8	63.5	49.6	43.7	32.4	30.8	12.3	37.2	26.8	34.8	21.7	11.4	9.1
2-Sep-21	62.3	55.4	42.5	40.4	18.8	20.3	32.0	31.6	22.6	30.5	22.2	17.9	65.7	62.8	45.9	36.2	14.6	16.1	31.4	27.2	25.8	33.9	15.6	21.3	65.0	56.1	45.2	33.5	11.9	13.4	29.7	20.3	20.3	33.2	14.9	20.6
3-Sep-21	62.8	55.9	43.0	41.9	20.3	21.8	31.5	27.1	29.1	21.0	19.7	8.4	66.2	63.3	46.4	35.9	14.3	15.8	28.6	24.4	26.0	24.4	6.1	11.8	65.5	56.6	45.7	30.9	13.6	10.8	39.2	27.8	29.8	23.7	5.4	11.1
4-Sep-21	61.9	46.8	42.1	42.4	20.8	22.3	30.6	28.2	28.2	20.1	18.8	7.5	65.3	62.4	45.5	42.1	20.5	22.0	31.0	24.8	26.4	28.4	10.1	15.8	64.6	55.7	44.8	31.7	30.1	11.6	38.3	31.9	31.9	22.8	12.5	10.2
5-Sep-21	58.7	51.8	38.9	33.5	11.9	13.4	27.4	13.4	25.0	16.9	10.6	4.3	60.1	57.2	37.5	35.6	14.0	15.5	24.8	23.0	21.2	28.3	12.1	15.7	61.4	52.5	41.6	25.9	14.6	5.8	35.1	25.7	28.7	32.0	13.7	19.4
6-Sep-21	72.6	65.7	52.8	36.3	14.7	16.2	41.3	36.9	38.9	30.8	24.5	18.2	76.0	73.1	58.2	36.1	14.5	16.0	41.7	26.3	32.3	34.2	15.9	21.6	75.3	66.4	55.5	27.1	11.3	7.0	49.0	40.3	39.6	33.5	15.2	20.9
7-Sep-21	55.6	48.7	35.8	44.2	22.6	24.1	21.0	11.6	18.6	20.8	6.9	8.2	59.0	54.1	39.2	33.2	19.6	13.1	22.0	14.6	12.6	30.1	11.8	17.5	56.3	54.4	36.5	41.9	40.3	21.8	30.0	20.6	20.6	24.5	12.2	11.9
8-Sep-21	53.9	47.0	34.1	33.2	11.6	13.1	22.6	18.2	20.2	12.1	12.4	-0.5	57.3	46.4	37.5	40.3	12.3	20.2	22.0	12.6	12.6	25.5	7.2	12.9	54.4	52.5	34.6	23.9	11.3	3.8	28.1	20.7	18.7	22.6	12.3	10.0
9-Sep-21	71.0	64.1	51.2	33.5	11.9	13.4	39.7	35.3	37.3	32.4	14.1	19.8	72.4	51.5	54.6	28.6	12.9	8.5	37.1	27.7	27.7	29.7	11.4	17.1	73.7	64.8	53.9	30.1	28.5	10.0	47.4	36.0	42.0	29.4	11.1	16.8
10-Sep-21	65.9	59.0	46.1	48.6	29.0	28.5	19.3	11.9	16.9	27.6	10.2	15.0	67.3	62.4	47.5	30.4	15.2	10.3	21.4	10.3	12.0	28.3	10.0	15.7	68.6	59.7	48.8	24.6	23.0	4.5	42.3	29.9	32.9	31.6	13.3	19.0
11-Sep-21	62.1	55.2	42.3	43.5	10.3	23.4	30.8	26.4	28.4	24.1	11.6	11.5	62.5	57.6	42.7	32.4	18.3	12.3	28.2	18.8	21.8	30.7	12.4	18.1	63.8	54.9	44.0	28.9	17.3	8.8	37.5	27.1	28.1	28.0	9.7	15.4
12-Sep-21	56.3	49.4	36.5	32.9	11.3	12.8	21.0	20.9	18.6	22.3	12.3	9.7	57.7	52.8	37.9	40.6	14.6	20.5	23.4	14.0	17.0	25.9	7.6	13.3	59.0	50.1	39.2	27.1	25.5	10.0	32.7	22.3	27.3	27.8	14.5	15.2
13-Sep-21	73.9	67.0	54.1	27.9	17.3	7.8	22.0	17.6	19.6	20.9	12.2	8.3	74.3	69.4	54.5	36.9	23.3	16.8	23.1	13.7	16.7	31.5	13.2	18.9	74.4	65.5	54.6	25.9	16.8	5.8	48.1	37.7	44.7	42.6	31.3	30.0
14-Sep-21	53.6	46.7	33.8	45.5	23.9	31.4	20.1	15.7	19.7	26.8	6.8	14.2	52.9	48.0	33.1	33.6	20.0	13.5	17.6	15.3	11.2	22.1	12.6	9.5	51.8	49.9	32.0	29.1	27.5	9.0	25.5	18.1	16.1	30.9	20.6	18.3
15-Sep-21	71.6	64.7	51.8	31.2	14.1	11.1	18.7	14.3	16.3	23.4	8.9	10.8	75.0	70.1	55.2	32.7	19.1	12.6	40.7	31.3	34.3	43.2	24.9	30.6	74.3	65.4	54.5	30.2	28.6	10.1	48.0	37.6	38.6	42.5	32.2	29.9
16-Sep-21	58.9	52.0	39.1	43.2	21.6	23.1	23.1	18.7	20.7	20.1	11.8	17.5	62.3	57.4	60.3	32.8	19.2	12.7	22.8	13.4	20.4	30.5	12.2	17.9	61.6	52.7	41.8	30.5	28.9	10.4	35.3	28.9	32.9	29.8	11.5	22.2
17-Sep-21	62.6	55.7	42.8	38.5	10.6	18.4	23.3	18.9	22.5	22.6	11.3	18.0	63.0	58.1	60.9	37.8	12.2	17.7	28.7	19.3	26.3	31.2	12.9	18.6	65.3	56.4	45.5	32.6	21.0	12.5	39.0	28.6	35.6	23.5	24.6	13.9
18-Sep-21	73.6	66.7	53.8	27.2	10.9	7.1	39.3	34.9	36.9	27.6	9.3	15.0	74.0	69.1	54.2	35.6	16.8	15.5	39.7	30.3	33.3	42.2	23.9	29.6	76.3	67.4	56.5	33.8	32.2	13.7	50.0	39.6	40.6	44.5	26.2	31.9
19-Sep-21	59.7	52.8	39.9	31.2	12.3	11.1	25.4	21.0	23.0	14.9	13.6	2.3	64.3	59.4	44.5	36.1	14.5	19.0	30.0	20.6	23.6	25.4	7.1	12.8	65.4	56.5	45.6	34.1	32.5	14.0	39.1	28.7	36.7	32.1	13.8	19.5
20-Sep-21	61.4	54.5	41.6	37.3	15.7	17.2	25.1	13.7	22.7	25.9	7.6	13.3	61.8	56.9	42.0	37.9	14.2	17.8	20.6	13.6	11.2	28.9	10.6	16.3	77.2	68.3	57.4	40.3	38.7	20.2	50.9	40.5	41.5	45.4	27.1	32.8
21-Sep-21	70.3	63.4	50.5	33.0	11.4	12.9	36.0	24.6	33.6	30.5	12.2	17.9	70.7	65.8	63.7	40.6	16.9	20.5	30.4	20.0	21.0	25.1	6.8	12.5	73.0	64.1	53.2	37.0	15.4	16.9	46.7	38.3	40.3	33.0	14.7	20.4
22-Sep-21	60.3	46.4	40.5	26.4	13.4	24.3	23.0	19.8	20.6	31.0	12.7	18.4	63.7	58.8	43.9	41.9	28.3	21.8	19.3	15.9	12.9	23.4	11.3	10.8	63.0	54.1	43.2	31.9	20.3	11.8	15.1	9.7	9.7	31.2	12.9	18.6
23-Sep-21	65.9	59.0	46.1	32.8	11.2	14.3	34.6	26.4	32.2	34.1	15.8	21.5	56.4	51.5	36.6	41.7	15.3	11.9	22.1	12.7	15.7	24.6	9.4	12.0	66.2	57.3	46.4	30.9	19.3	20.8	36.4	26.0	27.0	34.4	16.1	21.8
24-Sep-21	65.4	50.5	45.6	33.5	14.9	13.4	32.1	23.9	29.7	33.6	15.3	21.0	68.8	63.9	66.8	30.8	17.2	10.7	34.5	25.1	28.1	27.0	8.7	14.4	68.1	54.2	48.3	42.6	23.0	22.5	41.8	32.8	32.4	26.3	8.0	13.7
25-Sep-21	61.7	50.8	41.9	29.6	10.7	29.5	19.4	17.2	17.0	26.4	8.1	13.8	65.1	60.2	45.3	40.3	26.7	20.2	21.6	12.2	15.2	32.1	13.8	19.5	64.4	62.5	44.6	35.1	33.5	15.0	38.1	26.7	28.7	30.2	11.9	17.6
26-Sep-21	56.4	49.5	36.6	32.7	11.1	12.6	32.1	31.9	29.7	14.6	8.3	2.0	59.8	54.9	40.0	38.7	13.2	12.6	25.5	16.1	19.1	18.0	7.7	5.4	59.1	57.2	39.3	28.2	26.6	8.1	32.8	13.4	23.4	27.3	9.0	14.7
27-Sep-21	56.7	49.8	36.9	36.0	17.3	15.9	20.8	12.6	18.4	32.2	13.9	19.6	60.1	55.2	40.3	40.3	13.1	20.2	38.5	29.1	32.1	30.7	12.4	18.1	59.4	47.5	39.6	29.1	11.5	10.2	33.1	21.7	23.7	28.9	10.6	16.3
28-Sep-21	70.6	49.7	50.8	36.3	24.7	16.2	23.1	14.9	20.7	32.7	14.4	20.1	72.0	67.1	59.7	32.4	14.2	12.3	39.7	30.3	33.3	27.1	8.8	14.5	73.3	61.4	53.5	26.7	25.1	10.8	44.0	31.6	34.6	24.6	11.3	12.0
29-Sep-21	73.1	66.2	53.3	33.6	12.0	13.5	20.4	12.2	18.0	29.7	11.4	17.6	76.5	71.6	60.3	30.1	16.5	10.0	40.5	31.1	34.1	26.4	8.1	13.8	71.3	59.4	51.5	29.4	13.8	9.3	41.0	34.6	31.6	29.1	10.8	16.5
30-Sep-21	54.8	47.9	35.0	44.7	23.1	24.6	20.5	12.3	18.1	33.0	14.7	20.4	56.2	51.3	36.4	35.4	21.8	33.3	40.6	31.2	34.2	26.4	8.1	13.8	57.5	48.6	37.7	26.9	13.8	6.8	21.2	5.8	11.8	30.8	12.5	18.2

						HE MONTH OF					
S.NO.	DATE	UNIT# 1 LOAD(MW)		T# 1 SOX(mg			IT# 1 NOX(mg/r			IT# 1 DUST(
0		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Apr-21	444.7	847.2	820.0	871.7	262.9	252.3	272.2	42.1	40.1	44.1
2	02-Apr-21	452.7	845.2	820.8	871.4	261.6	252.5	271.8	42.0	40.2	44.2
3	03-Apr-21	458.7	845.2	822.0	872.7	261.4	252.3	271.9	42.0	40.1	44.0
4	04-Apr-21	469.7	848.4	822.1	875.7	262.1	252.3	273.0	42.1	40.1	44.2
5	05-Apr-21	578.8	899.8	833.2	944.4	277.5	255.9	293.0	45.1	40.8	48.0
6	06-Apr-21	586.5	892.8	851.9	950.0	274.9	262.7	294.9	44.6	42.2	48.5
7	07-Apr-21	596.6	900.7	872.3	936.0	277.3	267.7	290.7	45.0 42.6	43.1	47.7 47.4
8 9	08-Apr-21	569.7	873.7 865.8	795.8 835.3	935.2 894.3	268.0	242.1 253.6	289.6 275.2	42.6	37.1 39.3	47.4
10	09-Apr-21 10-Apr-21	562.3 572.4	873.5	838.9	900.5	265.0 267.5	255.4	277.3	41.5	39.3	43.6
11	11-Apr-21	556.9	861.6	814.9	900.5	263.7	249.3	277.3	41.3	38.5	44.0
12	12-Apr-21	621.1	886.8	860.4	920.5	270.7	260.4	283.2	42.6	40.6	45.1
13	13-Apr-21	572.4	866.9	844.7	894.4	265.1	256.2	275.7	41.6	39.8	43.6
14	14-Apr-21	603.2	885.3	848.2	918.0	270.8	259.0	282.3	42.7	40.3	45.0
15	15-Apr-21	626.3	889.9	856.9	920.4	271.8	259.5	283.1	42.9	40.4	45.1
16	16-Apr-21	580.5	873.3	807.7	902.7	267.3	245.5	278.2	42.0	37.7	44.2
17	17-Apr-21	609.0	883.6	852.1	915.1	270.0	259.0	281.8	42.5	40.2	44.9
18	18-Apr-21	622.3	890.0	852.9	919.3	271.9	261.1	282.6	42.9	40.6	45.0
19	19-Apr-21	535.7	851.3	800.3	913.9	260.7	243.6	281.0	40.8	37.4	44.7
20	20-Apr-21	572.9	870.0	804.0	906.1	266.4	244.8	278.0	41.9	37.6	44.1
21	21-Apr-21	577.9	872.3	812.8	912.2	267.0	247.1	280.5	42.0	38.3	44.6
22	22-Apr-21	607.6	882.7	843.8	923.0	269.8	255.8	284.0	42.5	39.7	45.1
23	23-Apr-21	627.7	892.3	866.9	915.7	272.7	262.7	281.6	43.0	41.0	44.8
24	24-Apr-21	593.9	879.2	848.4	905.1	268.9	257.4	278.6	42.4	40.0	44.5
25	25-Apr-21	71.6	821.5	821.5	821.5	251.1	251.1	251.1	38.5	38.5	38.5
26	26-Apr-21			1	Unit in	shutdown co	ndition	1			l.
27	27-Apr-21					shutdown co					
28	28-Apr-21				Unit in	shutdown co	ndition				
29	29-Apr-21	548.8	866.9	837.2	906.7	265.1	255.1	279.2	41.7	39.6	44.4
30	30-Apr-21	473.3	827.0	797.7	863.9	253.9	242.5	263.3	39.4	37.2	41.2
	-		CEMS	DAYWISE VA	ALUES FOR TH	E MONTH OF	MAY '2021	•	•		•
			T		/ 7 \			7\	116	IT# 1 DUST(i	ma/am3)
SNO	DATE	UNIT# 1 LOAD(MW)	UNI	T# 1 SOX(mg	/nm <i>>)</i>	UN	IT# 1 NOX(mg/r	IIII <i>3)</i>	UN	11# 10031(111g/111112/
S.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
S.NO .	DATE 01-May-21				•						• •
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1 2 3	01-May-21	AVG 486.23	AVG 868.88 886.53 886.8	MIN 798	MAX 937.16 941.57 944.07	AVG 395.64 401.35 401.09	MIN 372.81	MAX 417.58 419.03 420.07	AVG 37.82 38.84 38.79	MIN 33.28	MAX 42.05 42.34 42.55
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	AVG 486.23 511.7 513.32 611.01	AVG 868.88 886.53 886.8 918.57	MIN 798 817.06 804.68 885.76	MAX 937.16 941.57 944.07 948.04	AVG 395.64 401.35 401.09 409.9	MIN 372.81 379.62 375.83 398.6	MAX 417.58 419.03 420.07 420.41	AVG 37.82 38.84 38.79 40.5	MIN 33.28 34.63 33.89 38.28	MAX 42.05 42.34 42.55 42.59
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	AVG 486.23 511.7 513.32 611.01 618.58	AVG 868.88 886.53 886.8 918.57 924.88	MIN 798 817.06 804.68 885.76 896.79	MAX 937.16 941.57 944.07 948.04 960.77	AVG 395.64 401.35 401.09 409.9 412.06	MIN 372.81 379.62 375.83 398.6 401.14	MAX 417.58 419.03 420.07 420.41 424.63	AVG 37.82 38.84 38.79 40.5 40.92	MIN 33.28 34.63 33.89 38.28 38.76	MAX 42.05 42.34 42.55 42.59 43.42
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12	AVG 868.88 886.53 886.8 918.57 924.88 924.6	MIN 798 817.06 804.68 885.76 896.79	MAX 937.16 941.57 944.07 948.04 960.77 953.18	AVG 395.64 401.35 401.09 409.9 412.06 411.63	MIN 372.81 379.62 375.83 398.6 401.14 401.41	MAX 417.58 419.03 420.07 420.41 424.63 422.27	AVG 37.82 38.84 38.79 40.5 40.92 40.85	MIN 33.28 34.63 33.89 38.28 38.76 38.81	MAX 42.05 42.34 42.55 42.59 43.42 42.96
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.52 40.04	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.52 40.04	MIN 33.28 34.63 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38 38.92	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.52 40.04 41.09 40.46	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38.38 38.92 39.24	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29
1 2 3 4 5 6 7 8 9 10 11	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.98 402.98	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19	AVG 37.82 38.84 38.79 40.5 40.85 40.8 40.52 40.04 41.09 40.46	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97
1 2 3 4 5 6 7 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 13-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81	AVG 868.88 886.53 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 940.54 952.25	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.04 41.09 40.46 41.01 40.59	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24 918.36 925.37	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21	MIN 372.81 379.62 375.83 398.6 401.14 398.3 399.65 401.92 401.92 402.98 401.01 399.94 398.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.85 40.85 40.62 40.04 41.09 40.46 41.01 40.59	MIN 33.28 34.63 35.89 38.28 38.76 38.81 38.22 38.47 38.92 39.24 38.74 38.75 38.3	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97 42.29 42.76
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.3 410.26	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 399.94 399.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 11-May-21 14-May-21 15-May-21 15-May-21 16-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24 918.36 925.37	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 950.24 937.36 950.24 937.36	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 412.21 405.92 385.76	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 383.22 375.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.85 40.85 40.62 40.04 41.09 40.46 41.01 40.59	MIN 33.28 34.63 35.89 38.28 38.76 38.81 38.22 38.47 38.92 39.24 38.74 38.75 38.3	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97 42.29 42.76
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 03-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 16-May-21 16-May-21 17-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 585.76 5hutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 402.98 398.77 383.22 375.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 16-May-21 18-May-21 18-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 410.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 398.3 399.65 401.92 401.92 401.92 402.98 401.01 399.94 398.77 383.22 375.77 ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 14-May-21 15-May-21 17-May-21 17-May-21 18-May-21 18-May-21 19-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 411.21 405.92 385.76 shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 383.22 375.77 ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 11-May-21 14-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21 19-May-21 20-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 410.26 410.26 50 410.26 410.2	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 70dition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 16-May-21 18-May-21 19-May-21 19-May-21 20-May-21 21-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 50.50 50	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 401.92 402.98 402.98 402.98 399.77 383.22 375.77 dition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 19-May-21 20-May-21 20-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co shutdown co shutdown co shutdown co shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 399.94 398.77 383.22 375.77 ndition ndition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 14-May-21 14-May-21 17-May-21 17-May-21 17-May-21 17-May-21 17-May-21 20-May-21 20-May-21 20-May-21 20-May-21 20-May-21 22-May-21 23-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 950.24 937.36 950.24 Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co shutdown co shutdown co shutdown co shutdown co shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 39.65 397.2 401.92 402.98 401.01 399.94 398.77 ndition ndition ndition ndition ndition ndition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 11-May-21 11-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 18-May-21 20-May-21 20-May-21 21-May-21 21-May-21 22-May-21 22-May-21 22-May-21 23-May-21 24-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 412.21 410.26 412.21 50.26 410	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 ndition ndition ndition ndition ndition ndition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 24-May-21 24-May-21 25-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.91 401.01 399.94 398.77 383.22 375.77 ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 13-May-21 14-May-21 17-May-21 17-May-21 17-May-21 19-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 25-May-21 25-May-21 26-May-21 26-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 941.41 949.88 940.54 952.25 937.36 950.24 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 410.26 411.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 24-May-21 24-May-21 25-May-21 26-May-21 27-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 953.18 958.64 947.14 949.88 940.54 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.21 410.26 411.23 410.26 412.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 109-May-21 109-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 19-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21 28-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 953.18 958.64 947.14 949.88 940.54 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 410.26 411.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 24-May-21 24-May-21 25-May-21 26-May-21 27-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.21 410.26 411.23 410.26 412.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 109-May-21 109-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 19-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21 28-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 952.25 937.36 950.24 950.24 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 412.3 412.3 410.26 412.21 410.592 385.76 shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 397.2 401.92 402.98 401.01 399.94 401.01 399.94 1	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84

			CEMS	DAYWISE V	ALUES FOR TH	IE MONTH OF	JUN '2021				
S.NO.	DATE	UNIT# 1 LOAD(MW)		Γ# 1 SOX(mg			T# 1 NOX(mg/n			IT# 1 DUST(
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Jun-21					shutdown co					
2	02-Jun-21					shutdown co					
3 4	03-Jun-21 04-Jun-21					shutdown co					
5	05-Jun-21					shutdown co					
6	06-Jun-21					shutdown co					
7	07-Jun-21					shutdown co					
8	08-Jun-21				Unit in	shutdown co	ndition				
9	09-Jun-21				Unit in	shutdown co	ndition				
10	10-Jun-21					shutdown co					
11	11-Jun-21					shutdown co					
12	12-Jun-21					shutdown co					
13	13-Jun-21					shutdown co					
14 15	14-Jun-21 15-Jun-21					shutdown co					
16	16-Jun-21	265.77	840.19	794.57	919.39	387.32	373.85	412.32	36.13	33.53	41.03
17	17-Jun-21	475.21	864.63	811.63	929.28	394.24	378.49	414.69	37.46	34.42	41.48
18	18-Jun-21	551.94	893.48	813.5	944.86	402.7	379.16	420.13	39.19	34.56	42.55
19	19-Jun-21	495.86	871.71	797.72	938.88	396.83	373.14	417.73	37.94	33.07	42.07
20	20-Jun-21	516.18	875.73	795.56	946.56	397.33	372.02	420.16	38.11	33.13	42.55
21	21-Jun-21	571.88	900.49	841.96	937.6	404.68	386.47	417.26	39.51	35.93	42.07
22	22-Jun-21	599.13 527.63	919.2 895.16	816.12 800.26	952.14 946.93	410.72 403.68	380.32 373.9	421.86 420.1	40.73 39.3	35.28 33.51	42.88 42.53
24	23-Jun-21 24-Jun-21	561.38	896.81	841.55	952.98	403.68	386.36	420.1	39.33	35.93	42.98
25	25-Jun-21	583.12	910.81	855.22	949.05	407.88	391.15	420.83	40.17	36.87	42.68
26	26-Jun-21	578.25	903.8	845.45	942.1	405.6	387.16	419.48	39.69	36.23	42.43
27	27-Jun-21	489.96	865.31	799.12	912.28	394.52	373.14	409.47	37.53	33.35	40.46
28	28-Jun-21	532.63	886.41	795.88	942.89	400.53	372.16	419.34	38.73	33.16	42.4
29	29-Jun-21	598.65	916.39	881.11	946.51	409.75	396.9	420.15	40.47	37.66	42.55
30	30-Jun-21	567.91	900.9	866.52	947.36	404.78	392.59	420.51	39.53	37.11	42.62
			CEMC	DAVMICEV	ALLIEC COD TI	IE MONTH OF	1111 12021	•			
	I	UNIT# 1 LOAD(MW)				IE MONTH OF		m3)	UN	IT# 1 DUST(ma/nm3)
S.NO.	DATE	UNIT# 1 LOAD(MW) AVG		T# 1 SOX(mg			JUL '2021 T# 1 NOX(mg/n MIN	m3) MAX	UN AVG	IT# 1 DUST(mg/nm3) MAX
S.NO.	DATE 01-Jul-21		UNI	Γ# 1 SOX(mg	/nm3)	UNI	T# 1 NOX(mg/n				
1 2	01-Jul-21 02-Jul-21	AVG 632.28 633.51	928.08 927.4	# 1 SOX(mg MIN 885.22 905.47	MAX 961.91 952.98	412.76 412.47	T# 1 NOX(mg/n MIN 399.38 403.79	MAX 425.19 422.53	41.04 41	MIN 38.46 39.28	MAX 43.54 43.02
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21	AVG 632.28 633.51 594.54	928.08 927.4 911.38	# 1 SOX(mg MIN 885.22 905.47 873.49	/nm3) MAX 961.91 952.98 948.85	412.76 412.47 407.95	T# 1 NOX(mg/n MIN 399.38 403.79 394.56	MAX 425.19 422.53 420.83	41.04 41 40.15	MIN 38.46 39.28 37.45	MAX 43.54 43.02 42.74
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	AVG 632.28 633.51 594.54 642.68	928.08 927.4 911.38 931.64	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68	/nm3) MAX 961.91 952.98 948.85 956.87	412.76 412.47 407.95 413.74	T# 1 NOX(mg/n MIN 399.38 403.79 394.56 402.06	MAX 425.19 422.53 420.83 423.01	41.04 41 40.15 41.26	MIN 38.46 39.28 37.45 38.93	MAX 43.54 43.02 42.74 43.1
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7	928.08 927.4 911.38 931.64 915.07	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55	/nm3) MAX 961.91 952.98 948.85 956.87 935.01	412.76 412.47 407.95 413.74 408.54	T# 1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94	MAX 425.19 422.53 420.83 423.01 416.84	41.04 41 40.15 41.26 40.19	MIN 38.46 39.28 37.45 38.93 38.34	MAX 43.54 43.02 42.74 43.1 41.91
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43	928.08 927.4 911.38 931.64 915.07 927.65	#1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56	412.76 412.47 407.95 413.74	T# 1 NOX(mg/n MIN 399.38 403.79 394.56 402.06	MAX 425.19 422.53 420.83 423.01 416.84 423.52	41.04 41 40.15 41.26 40.19 41.11	MIN 38.46 39.28 37.45 38.93 38.34 38.61	MAX 43.54 43.02 42.74 43.1 41.91 43.2
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7	928.08 927.4 911.38 931.64 915.07	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55	/nm3) MAX 961.91 952.98 948.85 956.87 935.01	412.76 412.47 407.95 413.74 408.54 413	T# 1 NOX(mg/m MIN 399.38 403.79 394.56 402.06 398.94 400.38	MAX 425.19 422.53 420.83 423.01 416.84	41.04 41 40.15 41.26 40.19	MIN 38.46 39.28 37.45 38.93 38.34	MAX 43.54 43.02 42.74 43.1 41.91
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87	T# 1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66	T# 1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61 38.65	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43 887.1	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 418.29 422.11	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61 38.65 33.86	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94
1 2 3 4 5 6 7 8 9 10 11	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 11-Jul-21 12-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43 887.1 806.85	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61 38.65 33.86	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 375.72 375.58	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15	AVG 41.04 41 40.15 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.65 38.65 33.86 33.43 33.79	MAX 43.54 43.02 42.74 43.1 43.2 42.61 42.8 43.53 42.18 42.94 42.94 43.13
1 2 3 4 5 6 7 8 9 10 11 12	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 11-Jul-21 12-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43 887.1 806.85	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61 38.65 33.86	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.11
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.52 888.87 894.43 887.1 806.85 800.82 805.78 799.39 802.62	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5	AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.17 374.63	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15 411.79 411.79	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.09 38.78	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.65 33.86 33.37 33.35 33.35 33.65	MAX 43.54 43.02 42.74 43.1 43.9 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 16-Jul-21 17-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82 805.78 799.39 802.62	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.17 374.63 372.36 383.36	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.09 38.78 39.04	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.65 33.86 33.43 33.79 33.35 33.65 33.2	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 15-Jul-21 16-Jul-21 18-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.43 887.1 806.85 800.82 805.78 800.82 805.78 802.62 795.76 824.2	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02	T#1 NOX(mg/n MIN MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 374.63 372.36 372.36	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74 416.04	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.09 38.78 39.04 37.21	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.39 38.61 38.35 33.65 33.43 33.79 33.35 33.65 33.2	MAX 43.54 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09 41.75
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 884.36 877.51 882.52 853.94 873.29 886.87 891.64	#1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.23 888.52 886.85 895.78 895.78 799.39 802.62 795.76 824.2 805.85	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69 932.49	UNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.75 374.18	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15 411.79 417.74 415.46 417.74 416.04 413.55	AVG 41.04 41 40.15 41.26 40.19 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.78 39.04 37.21 36.38	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.65 33.86 33.79 33.35 33.65 33.2 35.54 33.92	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.91 43.13 40.9 41.63 42.09 41.75 41.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 16-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 18-Jul-21 19-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82 805.78 799.39 802.62 795.76 824.2	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69 932.49 925.62 865.11	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42 388.42	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 375.58 375.41 373.17 374.63 372.36 383.36 375.97 374.18	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74 416.04 417.74 416.04 417.74 416.04 417.74	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.09 38.78 39.04 37.21 35.83	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61 38.65 33.86 33.43 33.79 33.35 33.65 33.65 33.35 33.65 33.43	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09 41.75 41.26 37.98
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 18-Jul-21 19-Jul-21 21-Jul-21 21-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43 395.02 367.12	WNF AVG 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 884.36 877.51 882.52 863.94 873.29 886.87 891.64 856.35 842.09	#1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.23 888.52 886.85 895.78 895.78 799.39 802.62 795.76 824.2 805.85	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69 932.49	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42 382.28	T#1 NOX(mg/n MIN	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74 416.04 413.55 395.64 393.62	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.62 37.05 38.62 37.05 38.09 38.74 39.3 38.3 38.3 38.3 38.3 38.3 38.3 38.3	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.65 33.43 33.79 33.35 33.65 33.2 35.54 33.92 33.75	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.91 43.13 40.9 41.63 42.09 41.75 41.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 16-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 18-Jul-21 19-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.57 894.43 887.1 806.85 800.82 805.78 802.62 795.76 824.2 805.85 801.7 799.2	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69 932.49 925.62 865.11 856.86	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42 388.42	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 375.58 375.41 373.17 374.63 372.36 383.36 375.97 374.18	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74 416.04 417.74 416.04 417.74 416.04 417.74	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.09 38.78 39.04 37.21 35.83	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61 38.65 33.86 33.43 33.79 33.35 33.65 33.65 33.35 33.65 33.43	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 42.61 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09 41.75 41.26 37.98
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1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 10-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 21-Jul-21 21-Jul-21 21-Jul-21 21-Jul-21 22-Jul-21 22-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43 395.02 367.12 393.54 476.03 468.69 448.63	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64 856.35 842.09 833.31 822.05 866.07 855.38	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82 805.78 799.39 802.62 795.76 824.2 805.85 801.7 799.2 795.42 803.21 803.21 803.21	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.88 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69 932.49 925.62 865.11 856.86 940.04 933.64 917.83	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 385.48 382.28 384.55 394.92 391.5 398.54 382.2	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.71 374.63 372.36 383.36 375.97 374.18 373.38 371.86 371.95 374.91 375.72	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 418.29 422.11 416.06 423.15 411.79 416.04 413.55 395.64 393.62 417.78 416.47 410.5	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.79 38.78 39.04 37.21 36.38 35.18 35.83 35.18 35.64 37.65 37 38.37 37 38.37	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.65 33.86 33.35 33.79 33.35 33.65 33.2 35.54 33.92 33.75 33.4 33.09 33.17	MAX 43.54 43.54 43.02 42.74 43.1 43.1 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09 41.75 41.26 37.98 37.4 42.08 41.83 40.36 40.27 42.32
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 20-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 23-Jul-21 23-Jul-21 23-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43 395.02 367.12 393.54 476.03 468.69 448.63 441.76	WNF AVG 928.08 927.4 911.38 931.64 915.07 927.65 922.03 922.03 924.28 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64 856.35 842.09 833.31 822.05 830.96 866.07 855.38 845.38 845.38	F# 1 SOX(mg MIN 885.22 905.47 873.49 873.49 900.68 888.55 894.23 888.52 888.52 888.52 894.23 886.52 886.57 894.43 887.1 806.85 800.82 805.78 802.62 795.76 824.2 805.85 801.7 799.2 795.42 794.34 803.21 804.55 794.4 797.05	/nm3) MAX MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 936.69 932.49 925.62 865.11 856.86 940.04 917.83 915.69 940.42 929.74	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 397.12 400.67 402.02 392.73 388.42 384.55 384.92 391.5 388.54	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.17 374.63 372.36 375.97 374.18 373.38 371.86 371.95 374.91 375.72 371.58 375.72 371.58 375.72 371.58 371.95 374.91 375.72 371.58 371.95 374.91 375.72 371.58 371.95 374.91 375.72 371.58	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 418.29 422.11 416.06 423.15 411.79 414 416.04 417.74 416.04 417.74 416.04 417.78 416.04 417.78 410.5 408.71 410.5 408.71 418.9	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.27 38.62 37.05 38.62 37.05 38.78 39.04 37.21 35.83 35.18 35.64 37.65 37.05 37.05 37.05 37.05 37.05	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.35 38.65 33.86 33.43 33.79 33.35 33.65 33.65 33.92 35.54 33.92 33.75 33.77 33.87	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09 41.75 42.08 43.74 42.08 41.83 40.36 40.27 40.27 40.27 41.74
1 2 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43 395.02 367.12 393.54 476.03 468.69 448.63 441.76 482.97	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64 856.35 842.09 833.31 822.05 830.96 845.38 845.38	#1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82 805.78 800.82 805.78 801.7 799.2 805.85 801.7 799.2 795.42 794.34 803.21 804.55 794.4 797.05 800.81 803.37	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 931.69 932.49 925.62 865.11 856.86 940.04 933.64 917.83 915.69	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42 388.42 388.45 394.92 381.5 388.54 392.2 394.05 392.64	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.17 374.63 372.36 383.36 383.36 387.37 374.18 373.38 371.95 374.91 375.72 371.58 372.67	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74 416.04 413.55 395.64 393.62 417.78 416.47 410.5 408.71 418.9	AVG 41.04 41.126 40.15 41.26 40.19 41.11 40.86 40.75 40.75 40.75 40.75 40.75 38.27 38.62 37.05 38.78 39.04 37.21 36.38 35.83 35.83 35.83 35.83 37.07 36.38 37.07	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.39 38.61 38.65 33.86 33.37 33.79 33.35 33.79 33.75 33.4 33.79 33.75 33.4 33.79 33.75 33.4 33.79 33.75 33.79	MAX 43.54 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.91 43.13 40.9 41.37 41.63 42.09 41.75 41.26 37.98 41.83 40.94 42.09 41.75 41.26 41.26 41.27 42.08 41.83 40.27 42.32 41.74 41.23
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 12-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21 25-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43 395.02 367.12 393.54 476.03 468.69 448.63 441.76 482.97 462.05	928.08 927.4 911.38 931.64 915.07 927.65 922.03 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64 856.35 842.09 833.31 82.05 830.96 866.07 855.38 865.38	# 1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82 805.78 799.39 802.62 795.76 824.2 805.85 801.7 799.2 795.42 795.42 794.34 803.21 804.55 800.81 804.55 800.81 803.21 804.55	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 945.64 951.25 951.25 934.74 956.11 922.12 923.75 931.5 936.69 942.64 973.66 940.04 933.64 917.83 915.69 940.42 929.74 925.71 913.81	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42 385.48 384.55 394.92 391.5 388.54 392.2 394.05	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.17 374.63 372.36 383.36 375.97 374.18 373.38 371.86 371.95 374.91 375.72 371.58 372.67 374.14	MAX	AVG 41.04 41.14 40.15 41.26 40.19 41.11 40.86 40.75 41.45 40.48 39.3 38.62 37.05 38.62 37.05 38.78 39.04 37.21 36.38 35.83 35.83 35.84 37.65 37 36.38 37.65 37 37.46	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.65 33.86 33.35 33.79 33.35 33.92 33.75 33.47 33.87 33.87	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.11 43.13 40.9 41.37 41.63 42.09 37.98 37.4 42.08 41.83 40.36 40.36 40.36 40.36 40.36 40.36 40.37 41.37 41.37
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 05-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51 539.44 510.57 517.82 445.22 493.91 538.82 550.57 452.84 406.43 395.02 367.12 393.54 476.03 468.69 448.63 441.76 482.97	928.08 928.08 927.4 911.38 931.64 915.07 927.65 922.03 934.7 917.17 894.36 877.51 882.52 853.94 873.29 886.87 891.64 856.35 842.09 833.31 822.05 830.96 845.38 845.38	#1 SOX(mg MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.55 894.23 888.52 888.87 894.43 887.1 806.85 800.82 805.78 800.82 805.78 801.7 799.2 805.85 801.7 799.2 795.42 794.34 803.21 804.55 794.4 797.05 800.81 803.37	/nm3) MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64 951.25 934.74 956.11 922.12 923.75 931.5 931.69 932.49 925.62 865.11 856.86 940.04 933.64 917.83 915.69	WNI AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66 403.73 398.21 400.03 391.96 397.12 400.67 402.02 392.73 388.42 388.42 388.45 394.92 381.5 388.54 392.2 394.05 392.64	T#1 NOX(mg/n MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87 375.72 373.58 375.41 373.17 374.63 372.36 383.36 383.36 387.37 374.18 373.38 371.95 374.91 375.72 371.58 372.67	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29 422.11 416.06 423.15 411.79 414 415.46 417.74 416.04 413.55 395.64 393.62 417.78 416.47 410.5 408.71 418.9	AVG 41.04 41.126 40.15 41.26 40.19 41.11 40.86 40.75 40.75 40.75 40.75 40.75 38.27 38.62 37.05 38.78 39.04 37.21 36.38 35.83 35.83 35.83 35.83 37.07 36.38 37.07	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.39 38.61 38.65 33.86 33.37 33.79 33.35 33.79 33.75 33.4 33.79 33.75 33.4 33.79 33.75 33.4 33.79 33.75 33.79	MAX 43.54 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18 42.94 42.91 43.13 40.9 41.37 41.63 42.09 41.75 41.26 37.98 41.83 40.94 42.09 41.75 41.26 41.26 41.27 42.08 41.83 40.27 42.32 41.74 41.23

			CEMS	DAYWISE VA	ALUES FOR TH	IE MONTH OF	AUG '2021				
S.NO.	DATE	UNIT# 1 LOAD(MW)	UNIT	Γ# 1 SOX(mg.	/nm3)	UNI	T# 1 NOX(mg/n	m3)	UN	IT# 1 DUST(i	mg/nm3)
3.110.		AVG	AVG	WIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Aug-21	513.32	886.8	804.68	944.07	401.09	375.83	420.07	38.79	33.89	42.55
2	02-Aug-21	611.01	918.57	885.76	948.04	409.9	398.6	420.41	40.5	38.28	42.59
3	03-Aug-21	618.58	924.88	896.79	960.77	412.06	401.14	424.63	40.92	38.76	43.42
4	04-Aug-21	627.12	924.6	897.68	953.18	411.63	401.41	422.27	40.85	38.81	42.96
5	05-Aug-21	552.02	930.7	901.22	958.88	381.25	370.71	392.54	44.68	42.21	47.48
6	06-Aug-21	548.71	934.63	901.9	955.88	383.08	370.57	391.09	45.15	42.12	47.08
7	07-Aug-21	579.94	947.71	909.93	973.41	387.07	373.16	396.89	45.99	42.67	48.35
8	08-Aug-21	606.66	949.38	929.38	973.13	415.6	406.7	426.71	40.73	39	42.93
9	09-Aug-21	584.06	944	923.33	964.9	414.42	404.36	423.96	40.6	38.55	42.43
10	10-Aug-21	544.43	923.42	905.77	941.61	406.77	398.37	415.34	39.15	37.46	40.82
11 12	11-Aug-21 12-Aug-21	566.97 627.34	939.77 955.99	915.27 932.81	969.33 986.94	395.26 417.56	386.17 407.46	406.44 431.29	42.87 41.11	40.79 39.34	45.47 43.77
13	13-Aug-21	618.85	955.99	928.97	978.56	416.64	407.46	428.2	40.88	38.65	43.19
14	14-Aug-21	633.28	957.93	901.39	982.48	418.19	397.71	429.79	41.2	37.38	43.19
15	15-Aug-21	178.73	863.67	839.59	875.65	388.79	378.18	393.89	35.9	33.87	36.93
16	16-Aug-21	543.12	927.21	904.04	953.85	391.04	382.2	401.74	42	39.91	44.72
17	17-Aug-21	602.81	918.36	893.25	937.36	410.26	399.94	416.85	40.59	38.53	41.92
18	18-Aug-21	620.8	925.37	889.03	950.24	412.21	398.77	421.26	41	38.3	42.76
19	19-Aug-21	578.65	904.66	830.62	932.46	405.92	383.22	416.53	39.7	35.32	41.84
20	20-Aug-21	592.93	916.26	890.14	947.14	409.78	399.65	420.8	40.52	38.47	42.68
21	21-Aug-21	583.82	909.13	882.86	931.41	407.32	397.2	416.39	40.04	38	41.86
22	22-Aug-21	608.5	926.13	898.48	949.88	412.94	401.92	421.75	41.09	38.92	42.87
23	23-Aug-21	537.63	928.29	886.96	973.27	391.64	376.97	407.67	42.22	39.1	45.48
24	24-Aug-21	570.2	947.38	916.49	969.23	398.1	385.75	406.27	43.49	40.42	45.39
25	25-Aug-21				Unit in	shutdown co	ndition				
26	26-Aug-21					shutdown co					
27	27-Aug-21					shutdown co					
28	28-Aug-21				Unit in	shutdown co	ndition				
29	29-Aug-21				Unit in	shutdown co	ndition				
30	30-Aug-21					shutdown co					
31	31-Aug-21					shutdown co					
					ALUES FOR TH						
S.NO.	DATE	UNIT# 1 LOAD(MW)	UNIT	Γ# 1 SOX(mg.	/nm3)	UNI	T# 1 NOX(mg/n			IT# 1 DUST(
		UNIT# 1 LOAD(MW) AVG			/nm3) MAX	AVG UNI	T# 1 NOX(mg/n MIN	m3) MAX	UN AVG	IT# 1 DUST(I	mg/nm3) MAX
1	01-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown co	T# 1 NOX(mg/n MIN ndition				
1 2	01-Sep-21 02-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in	AVG shutdown cor shutdown cor	T# 1 NOX(mg/n MIN ndition ndition				
1 2 3	01-Sep-21 02-Sep-21 03-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in Unit in	AVG shutdown cor shutdown cor shutdown cor	T# 1 NOX(mg/n MIN ndition ndition				
1 2 3 4	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in Unit in Unit in	AVG shutdown cor shutdown cor shutdown cor shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition ndition				
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in Unit in Unit in Unit in	AVG Shutdown cor Shutdown cor Shutdown cor Shutdown cor Shutdown cor Shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition ndition ndition				
1 2 3 4 5 6	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition ndition ndition ndition				
1 2 3 4 5 6 7	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown cor	T# 1 NOX(mg/n				
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown cor	T# 1 NOX(mg/n				
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN ndition				
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX Unit in	AVG Shutdown coi	T# 1 NOX(mg/n MIN ndition				
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX Unit in	AVG Shutdown coi	T# 1 NOX(mg/n MIN MIN Mittion Indition				
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX Unit in	AVG Shutdown coi	T# 1 NOX(mg/n MIN mix Min mix				
1 2 3 4 5 6 7 8 9 10 11	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21		UNIT	Γ# 1 SOX(mg.	(nm3) MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN MIN Milton Indition I				
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21	AVG	AVG	F# 1 SOX(mg.	MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN Mill Mill Mill Mill Mill Mill Mill Mil	MAX	AVG	MIN	MAX
1 2 3 4 5 6 7 8 9 10 11 12	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN MIN Milton Indition I				
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 05-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	AVG	UNIT AVG	F# 1 SOX(mg. MIN	MAX Unit in	NI AVG shutdown coi 300.41	T# 1 NOX(mg/n MIN	MAX 329.99	AVG 36.36	MIN 33.02	MAX
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	AVG 183.47 448.61	UNIT AVG	F# 1 SOX(mg. MIN 790.3 802.04	/nm3) MAX Unit in	NIT AND CONTROL OF THE PROPERTY OF THE PROPERT	T# 1 NOX(mg/n MIN MIN MIN MIN Milon	329.99 344.58	36.36 37.13	MIN 33.02 33.26	38.86 40.31
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	183.47 183.47 448.61 408.45 418.69 449.08	845.64 856.79 838.54 845.24 857.31	790.3 802.04 806.76 810.42 828.07	MMX Unit in Unit in	Note that the control of the control	T# 1 NOX(mg/n MIN MIN MIN MIN Million Indition I	329.99 344.58 341.57 344.4 343.78	36.36 37.13 36.14 36.52 37.16	33.02 33.26 33.9 34.1 35	38.86 40.31 38.43 38.39 39.04
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21	183.47 448.61 448.45 418.69 449.08 436.76	845.64 856.79 838.54 845.24 857.31 850.23	790.3 802.04 806.76 810.42 828.07 830.76	MAX Unit in 878.29 904.98 871.08 869.21 882.14	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN MIN Million Indition	329.99 344.58 341.57 344.4 343.78 344.74	36.36 37.13 36.14 36.52 37.16 36.78	33.02 33.26 33.9 34.1 35.3	38.86 40.31 38.43 38.39 38.39 38.26
1 2 3 4 5 6 7 7 8 9 9 10 111 12 13 14 15 16 17 18 19 20 21	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 16-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	183.47 183.47 448.61 448.65 449.08 436.76 461.33	845.64 856.79 838.54 845.24 857.31 862.83	790.3 802.04 806.76 810.42 828.07 810.3	MAX Unit in Unit in	NIMANGA SHUTGOWN COIS SH	T# 1 NOX(mg/n MIN Mill Mill Mill Mill Mill Mill Mill Mill	329.99 344.58 341.57 344.4 343.78 344.74 341.45	36.36 37.13 36.14 36.52 37.16 36.78	33.02 33.26 33.9 34.1 35 35.2 34.25	38.86 40.31 38.43 38.39 39.04 38.26 39.66
1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 14-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	183.47 183.47 448.61 408.45 418.69 449.08 436.76 461.33 472.18	845.64 856.79 838.54 857.31 850.23 862.83 864.17	790.3 802.04 806.76 810.42 828.07 830.76 816.3 801.1	/m3) MAX Unit in U	Note that the control of the control	T# 1 NOX(mg/n MIN MIN Million Indition	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41	36.36 37.13 36.14 36.52 37.16 36.78 37.51	33.02 33.26 33.9 34.1 35 35.2 35.2 33.54	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	183.47 448.61 448.45 418.69 449.08 445.76 461.33 472.18 520.81	845.64 856.79 838.54 845.24 857.31 850.23 862.83 864.17 879.05	790.3 802.04 806.76 810.42 828.07 830.76 816.3 801.1 821.6	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/ng/nmin Min Min Min Min Min Min Min Min Min M	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.41	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51	33.02 33.26 33.9 34.1 35 35.2 34.25 33.54 34.68	38.86 40.31 38.43 38.39 38.26 39.66 39.66 39.87 40.86
1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 16-Sep-21 16-Sep-21 19-Sep-21 22-Sep-21 22-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 24-Sep-21	183.47 183.47 448.61 448.65 418.69 449.08 430.76 461.33 472.18 520.81 478.2	845.64 856.79 838.54 845.24 857.31 860.23 862.83 864.17 879.05 860.12	790.3 802.04 806.07 810.42 828.07 830.76 816.3 801.1 821.6 797.86	MAX Unit in 878.29 904.98 871.08 869.21 882.14 869.22 892.1 894.42 917.4 896.1	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.2 343.89	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 38.19 37.17	33.02 33.26 33.26 33.9 34.1 35 35.2 34.25 33.54 34.68 33.31	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 39.85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21	183.47 183.47 448.61 408.45 449.08 436.76 449.08 436.73 472.18 520.81 478.2 471.79	845.64 856.79 838.54 857.31 850.23 862.83 864.17 879.05 860.12 860.12	790.3 802.04 806.76 810.42 828.07 830.76 816.3 821.6 821.6 811.66	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN Million Indition Indi	329.99 344.58 341.57 344.4 343.78 344.74 343.41 343.41 343.89 343.68	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 38.19 37.17 37.52	33.02 33.26 33.26 34.1 35 35.2 34.25 33.54 34.68 33.31 34.23	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 40.86 39.85 39.85
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 18-Sep-21 18-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21	AVG 183.47 448.61 408.45 418.69 449.08 436.76 461.33 472.18 520.81 478.2 471.79 478.31	845.64 856.79 838.54 845.24 857.31 850.23 862.83 864.17 879.05 860.12 864.21 865.08	790.3 802.04 806.76 810.42 830.76 816.3 821.6 797.86 821.6 827.82	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.2 343.89 343.68 344.58	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 37.17 37.52 37.59	33.02 33.26 33.9 34.1 35 35.2 34.25 34.25 34.25 33.54 34.23 35.26	38.86 40.31 38.43 38.39 38.26 39.66 39.85 40.86 39.85 39.9
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 14-Sep-21 16-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 23-Sep-21 24-Sep-21 26-Sep-21 26-Sep-21 26-Sep-21	AVG 183.47 184.61 448.61 448.65 418.69 449.08 430.76 461.33 472.18 520.81 478.2 471.79 478.31 480.3	845.64 856.79 838.54 845.23 862.83 864.17 879.05 860.12 864.21 865.08 870.11	790.3 802.04 806.76 810.42 828.07 830.7 816.3 801.1 821.6 797.86 811.62 825.77	MAX Unit in Unit in	shutdown coishutdown coishutdo	T#1 NOX(mg/ng/nmin Min Min Min Min Min Min Min Min Min M	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.2 343.89 343.68 344.58	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 37.51 37.52 37.52 37.96	33.02 33.26 33.26 33.9 34.1 35.2 34.25 33.54 34.25 33.54 33.31 34.23 35.26 35.15	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 40.86 39.85 39.9 40.08 40.45
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 14-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 24-Sep-21 26-Sep-21 26-Sep-21 27-Sep-21 28-Sep-21	183.47 183.47 448.61 408.45 449.08 436.76 461.73 472.18 520.81 478.2 471.79 478.31 480.3 465.76	845.64 856.79 838.54 857.31 850.23 862.83 864.17 879.05 860.12 865.08 870.11 856.51	790.3 802.04 806.76 810.42 828.07 830.76 816.3 821.6 821.6 821.6 821.6 821.6 825.77 820.9	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN Min Min Mittion Indition Indit	329.99 344.58 341.57 344.4 343.78 344.74 343.41 343.41 343.89 343.68 344.58 344.58	36.36 37.13 36.14 36.52 37.16 36.74 37.51 38.19 37.17 37.52 37.59 37.59 37.59	33.02 33.26 33.9 34.1 35 35.2 34.25 33.54 34.68 33.31 34.23 35.26 34.23	38.86 40.31 38.43 38.43 39.04 38.26 39.66 39.87 40.86 39.85 39.9 40.08 40.08 39.74
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 14-Sep-21 16-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 23-Sep-21 24-Sep-21 26-Sep-21 26-Sep-21 26-Sep-21	AVG 183.47 184.61 448.61 448.65 418.69 449.08 430.76 461.33 472.18 520.81 478.2 471.79 478.31 480.3	845.64 856.79 838.54 845.23 862.83 864.17 879.05 860.12 864.21 865.08 870.11	790.3 802.04 806.76 810.42 828.07 830.7 816.3 801.1 821.6 797.86 811.62 825.77	MAX Unit in Unit in	shutdown coishutdown coishutdo	T#1 NOX(mg/ng/nmin Min Min Min Min Min Min Min Min Min M	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.2 343.89 343.68 344.58	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 37.51 37.52 37.52 37.96	33.02 33.26 33.26 33.9 34.1 35.2 34.25 33.54 34.25 33.54 33.31 34.23 35.26 35.15	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 40.86 39.85 39.9 40.08 40.45

No. DATE DATE DATE DAT	CEMS DAYWISE VALUES FOR THE MONTH OF APR '2021												
AVG	CNO	DATE	UNIT# 2 LOAD(MW)	UNIT#	2 SOX(m	g/nm3)	UNIT#	2 NOX(m	g/nm3)	UNIT#	2 DUST	(mg/nm3)	
2 02-May-21 619 960 917 995 283 266 298 45 45 48 48 49 40 40 40 40 40 40 40	5.NO.	DATE	AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	WIN	MAX	
3 03-May-21 594 993 913 988 282 265 296 46 43 49	1	01-May-21	576	944	909	970	278	263	291	46	43	48	
4 0-Mmy/21 658 9964 9959 996 2835 275 299 435 43 44 69 60 6-Mmy/21 656 958 931 987 782 270 294 46 44 49 49 49 49 49	2			960	917	995	283	266	298	45	43		
5 05-May-21 650 972 948 992 287 275 296 47 45 49 7 07-May-21 610 958 931 897 282 270 294 46 44 49 7 07-May-21 610 958 932 979 283 269 293 47 44 49 9 09-May-21 5591 994 978 991 270 245 293 43 38 49 9 09-May-21 5564 913 883 951 259 246 276 41 38 44 10 10-May-21 5569 922 890 945 263 248 273 42 39 44 11 11-May-21 577 925 890 945 263 248 273 42 39 44 12 12-May-21 618 940 912 971 268 255 281 43 40 45 13 13-May-21 567 935 992 879 948 264 250 275 42 39 44 14 14-May-21 507 935 992 971 266 252 281 42 40 45 15 15-May-21 507 935 992 971 266 252 281 42 40 45 16 15-May-21 509 933 998 952 266 254 276 42 40 44 17 17-May-21 610 940 912 971 269 255 281 43 40 45 18 18-May-21 639 945 914 971 269 255 281 43 40 45 19 19-May-21 619 935 918 990 265 257 278 42 40 44 20 20-May-21 619 935 918 990 265 257 278 42 40 44 21 21-May-21 619 935 918 990 265 257 278 42 40 44 22 22-May-21 638 939 937 276 271 259 284 43 41 46 22 22-May-21 638 939 937 266 252 257 278 42 40 44 23 23-May-21 646 940 972 976 271 259 284 43 41 46 24 24-May-21 646 940 972 976 271 259 284 43 41 46 25 25-May-21 648 949 974 975 976 271 259 284 43 41 46 26 22-May-21 648 949 974 975 976 271 259 283 43 41 46 27 27-May-21 649 949 974 975 976 271 259 284 43 41 46 28 28-May-21 648 949 974 975 976 271 260 284 43 41 46 29 29-May-21 648 949 974 975 976 271 260 283 43 41 46 29 29-May-21 648 949 974													
6 6-Mey-21 626 998 931 987 282 270 294 46 44 49 97 07-Mey-21 6510 998 928 928 879 283 269 233 47 44 44 49 98 08-Mey-21 591 994 878 981 270 245 233 43 38 49 97 09-Mey-21 595 991 934 878 981 270 245 233 43 38 49 97 09-Mey-21 595 992 885 908 945 265 251 275 42 39 44 11 11-Mey-21 595 992 889 994 88 264 250 275 42 39 44 11 11-Mey-21 596 992 889 997 988 255 251 275 42 39 44 13 13 13-Mey-21 595 992 889 97 949 265 251 275 42 39 44 14 14-Mey-21 607 9935 992 991 991 991 265 252 281 42 40 45 15 15-Mey-21 637 993 998 992 991 265 252 281 42 40 45 15 15-Mey-21 637 993 999 991 993 266 258 283 42 41 46 15 16-Mey-21 659 993 998 992 266 254 276 42 40 44 17 17-Mey-21 610 990 912 991 269 255 281 43 40 45 19 18-Mey-21 659 993 995 992 266 254 276 42 40 44 17 17-Mey-21 659 993 993 998 992 255 225 281 43 40 45 19 18-Mey-21 659 9935 918 960 255 281 43 40 45 19 18-Mey-21 659 9935 918 960 255 257 281 43 40 45 19 18-Mey-21 659 9935 918 960 255 257 281 43 40 45 19 18-Mey-21 659 9935 918 960 255 257 278 42 40 44 27 22 20-Mey-21 619 995 993 995 997 256 257 278 42 40 44 22 22 2-Mey-21 619 995 993 998 997 255 281 43 40 45 19 12-Mey-21 659 995 993 998 997 255 281 43 40 45 19 12-Mey-21 659 995 993 998 997 255 281 43 40 45 19 12-Mey-21 659 995 993 998 997 255 281 43 40 45 19 12-Mey-21 666 999 997 997 256 271 259 284 43 41 46 22 22-Mey-21 658 992 997 997 276 271 259 284 43 41 46 22 22-Mey-21 658 992 997 997 997 277 259 284 43 41 46 22 22-Mey-21 659 995 993 999 997 997 277 279 283 43 40 45 22 25-Mey-21 664 994 992 997 996 271 259 283 43 41 46 22 22-Mey-21 659 998 995 996 900 263 259 297 973 30 908 995 900 264 259 279 42 40 44 24 24 Mey-21 660 994 992 997 996 271 260 284 43 41 46 22 22-Mey-21 660 998 998 998 998 998 998 998 998 998 99													
7				972		992			296		45		
B 08-May-21 591 934 878 981 270 245 293 43 38 49		· · · · · ·	626		931	987		270	294		44		
9 09-May-21 554 913 883 951 259 246 276 41 38 44 10 10-May-21 5569 922 890 945 263 248 273 42 39 44 11 11-May-21 571 925 897 948 264 250 275 42 39 44 12 12-May-21 618 940 912 971 268 255 251 275 42 39 44 13 13-May-21 6585 928 897 949 265 255 251 275 42 39 44 14 14-May-21 607 935 902 971 266 252 281 42 40 45 15 15-May-21 595 933 999 919 737 266 258 283 42 41 46 16 16-May-21 595 933 908 952 266 254 276 42 40 44 17 17-May-21 610 940 912 971 269 255 281 43 40 45 18 18-May-21 639 945 914 971 269 255 281 43 40 45 18 18-May-21 639 945 914 971 269 255 281 43 40 45 19 19-May-21 617 938 919 996 257 258 277 278 42 40 45 20 20-May-21 617 938 919 952 266 258 279 42 40 44 21 21-May-21 661 949 927 971 269 255 281 43 40 45 22 12-May-21 661 949 927 976 271 259 284 43 41 46 22 12-May-21 664 949 927 976 271 259 284 43 41 46 23 22-May-21 664 949 927 976 271 259 284 43 41 46 23 22-May-21 614 933 999 957 265 257 278 42 40 45 24 24-May-21 615 939 999 997 2796 271 259 284 43 41 46 25 25-May-21 664 949 927 976 271 259 284 43 41 46 26 26-May-21 664 949 927 976 271 259 284 43 41 46 27 27-May-21 664 949 927 976 271 259 284 43 41 46 28 28-May-21 664 930 990 957 265 257 278 42 40 45 25 22-May-21 664 930 990 957 265 257 278 42 40 45 25 25-May-21 664 949 924 976 271 259 284 43 41 46 27 27-May-21 664 949 924 976 271 259 284 43 41 46 27 27-May-21 664 949 924 976 271 259 284 43 41 46 27 27-May-21 664 930 900 957 265 257 278 42 40 44 24 44-May-21 615 939 904 974 288 253 282 43 40 45 25 25-May-21 664 930 900 957 560 264 253 279 42 40 44 27 27-May-21 664 930 900 957 560 264 253 279 42 40 44 28 48-May-21 651 9598 959 950 960 264 250 257 278 42 90 44 28 28-May-21 6598 958 959 959 960 265 250 275 42 93 44 28 28-May-21 6598 958 959 959 960 266 252 275 42 93 44 29 29-May-21 6598 959 959 960 264 250 250 250 278 42 90 44 20 40-May-21 6504 9504 9504 9505 9506 960 264 250 250 275 42 90 40 40 40 40 40 40 40 40 40 40 40 40 40	7		610	958	928	979	283	269	293	47	44	49	
10 - May-21	8		591	934	878	981	270	245	293	43	38	49	
11 11-May-21	9	09-May-21	554	913	883	951	259	246	276	41	38	44	
12 12-May-21	10	10-May-21	569	922	890	945	263	248	273	42	39	44	
13 - May - 21	11	11-May-21	571	925	897	948	264	250	275	42	39	44	
14 14 14 15 15 15 15 15	12	12-May-21	618	940	912	971	268	255	281	43	40	45	
15 15-May-21 637 939 919 973 266 258 283 42 41 46	13	13-May-21	585	928	897	949	265	251	275	42	39	44	
15 15-May-21 637 939 919 973 266 258 283 42 41 46	14	14-May-21	607	935	902	971	266	252	281	42	40	45	
16 16 16 17 17 18 19 19 19 19 19 19 19	15		637	939	919	973	266		283		41	46	
17 17-May-21 610									.				
18 18 18 18 19 19 19 19			610										
19 19 19 19 19 19 19 19													
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S.NO. DATE UNIT# 2 LOAD(MW) UNIT# 2 SOX(mg/nm3) UNIT# 2 NOX(mg/nm3) UNIT# 2 DUST(mg/nm3) AVG MIN MAX	<i>5</i> 0	30-Mav-21	586	927	897	950	264	250	275	42	39	44	
AVG MIN MAX AVG MIN	30	30-May-21								42	39	44	
2 02-May-21 619.65 962.59 934.81 995.24 402.34 391.65 414.4 44.05 41.41 46.76 3 03-May-21 625.69 962.94 919.57 991.84 402.16 386.65 413.35 43.9 40.55 46.59 40 40-May-21 620.42 962.46 932.67 975.06 402.31 390.75 407.04 44.03 41.74 45.45 5 05-May-21 631.57 959.26 938.84 984.94 400.57 392.77 410.52 43.42 41.62 46.04 6 06-May-21 634.47 966.05 935.75 986.44 403.26 391.59 411.07 44.15 413.4 46.01 7 07-May-21 621.74 960.95 936.18 990 416.44 392.09 412.69 43.82 41.49 46.44 8 08-May-21 616.74 957.42 936.43 985.56 400.43 392.04 411.28 43.62 41.41 46.29 9 09-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.85 41.45 46.08 10 10-May-21 590.65 940.23 889 989.43 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 590.65 940.23 889 989.48 382.2 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 83.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition Unit in shutdown condition Unit in shutdown condition 15 15-May-21 40.24 893.54 840.07 976.46 881.24 362.84 407.1 40.65 36.9 45.18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.91 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 631.36 955.1 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 19 19-May-21 631.36 955.1 931.04 983.7 399.08 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.1 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 631.36 955.1 931.04 993.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 631.36 955.1 931.04 993.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.69 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.69 25 25-May-21 631.36 955.1 931.04 993.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.69 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.69 25 25-May-21 635.5 965.07 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 636.98 971.09 947.8 994.5 400.43 93.99.3 413.35 44.49 41.8 46.51 22 42-May-21 636.98 971.09 947.8 994.5 400.43 93.94.4 413.84 43.73 41.34 46.54 24 24-May-		1	CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	MAY '20	21				
3 03-May-21 625.69 962.94 919.57 991.84 402.16 386.65 413.35 43.9 40.55 46.59 4 04-May-21 620.42 962.46 932.67 975.06 402.31 390.75 407.04 44.03 41.74 45.45 5 05-May-21 631.57 959.26 938.84 984.94 400.57 392.77 410.52 43.42 41.62 46.04 6 06-May-21 634.47 966.05 935.75 986.44 403.26 391.59 411.07 44.15 41.34 46.01 7 07-May-21 621.74 960.95 936.18 990 401.64 392.09 412.69 43.82 41.49 46.44 8 08-May-21 616.74 957.42 936.43 985.56 400.43 392.04 411.28 43.62 41.51 46.2 9 09-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.85 41.45 46.08 10 10-May-21 629.67 963.88 938.69 989.43 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13-May-21 Unit in shutdown condition 14 14-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13-May-21 Unit in shutdown condition 15 15-May-21 590.65 949.23 889 987.84 388.22 378.54 411.84 43.34 39.71 46.24 14-May-21 Unit in shutdown condition 16 16-May-21 625.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45.14 18 18-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 633.66 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 635.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 635.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 635.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 635.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 635.99 971.09 947.8 994.6 405.14 395.95 414.13		1	CEMS DA UNIT# 2 LOAD(MW)	YWISE V/ UNIT#	ALUES FO 2 SOX(m	OR THE M g/nm3)	ONTH OF UNIT#	MAY '20 2 NOX(m	21 g/nm3)	UNIT#	2 DUST(mg/nm3)	
4 04-May-21 620.42 962.46 932.67 975.06 402.31 390.75 407.04 44.03 41.74 45.45 5 05-May-21 631.57 959.26 938.84 984.94 400.57 392.77 410.52 43.42 41.62 46.04 6 06-May-21 634.47 966.05 935.75 986.44 403.26 391.59 411.07 44.15 41.34 46.01 7 07-May-21 616.74 960.95 936.18 990 401.64 392.09 412.69 43.82 41.49 46.04 8 08-May-21 616.74 957.42 936.43 985.56 400.43 392.04 411.28 43.62 41.51 46.24 9 09-May-21 629.67 963.88 98.86 98.94.3 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.	S.NO.	DATE 01-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG	YWISE V/ UNIT# AVG	ALUES FO 2 SOX(m MIN	OR THE M g/nm3) MAX	ONTH OF UNIT# AVG	MAY '20 2 NOX(m MIN	21 g/nm3) MAX	UNIT#	2 DUST(mg/nm3) MAX	
5 05-May-21 631.57 959.26 938.84 984.94 400.57 392.77 410.52 43.42 41.62 46.04 6 06-May-21 634.47 966.05 935.75 986.44 403.26 391.59 411.07 44.15 41.34 46.01 7 07-May-21 621.74 960.95 936.18 990 401.64 392.09 412.69 43.82 41.49 46.44 8 08-May-21 616.74 957.42 936.43 985.56 400.43 392.04 411.28 43.62 41.51 46.24 9 09-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.85 41.45 46.08 10 10-May-21 629.67 963.88 938.69 989.43 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 4	S.NO. 1 2	DATE 01-May-21 02-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65	YWISE V/ UNIT# AVG 966.64 962.59	2 SOX(m MIN 940.84 934.81	PR THE M g/nm3) MAX 997.12 995.24	ONTH OF UNIT# AVG 403.2 402.34	MAY '20 2 NOX(m MIN 394.06 391.65	21 g/nm3) MAX 414.84 414.4	UNIT# AVG 44.09 44.05	2 DUST(MIN 41.96 41.41	mg/nm3) MAX 46.93 46.76	
6 06-May-21 634.47 966.05 935.75 986.44 403.26 391.59 411.07 44.15 41.34 46.01 7 07-May-21 621.74 960.95 936.18 990 401.64 392.09 412.69 43.82 41.49 46.44 8 08-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.62 41.51 46.20 909-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.85 41.45 46.08 10 10-May-21 629.67 963.88 938.69 989.43 402.51 392.59 412.35 43.99 41.54 46.4 41.1 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition Unit in shutdown condition 15 15-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.24 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.31 41.2 45.79 22 22-May-21 632.16 958.12 38.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 632.66 958.12 338.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 632.66 95.79 970.84 942.54 992.51 404.89 393.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 632.66 95.31 930.01 947.8 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 632.16 958.12 338.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 632.66 95.79 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 636.98 971.09 947.8 994.6 405.14 395.5 412.69 43.38 41.52 46.39 25 25-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 25 25-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 25 25-May-21 632.60 969.67 943.48 992.61 404.89 393.89 413.35 44.49 41.8 46.61 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.5 412.69 43.38 41.52 46.39 25 25-May-21 632.04 956.76 922.9 989.77 399.84 383.5 407.38 43.52 40.95 45.64 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.5 412.69 43.38 41.52 40.87 42.3 46.69 25 25-May-21 648.55 969.04 943.07 1000 403.93 394.15 413.94 44.20 44.89 46.31 46.61 26 26-May-21 648.55 969.04 943.07 1000 403.93 394.	S.NO. 1 2 3	DATE 01-May-21 02-May-21 03-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69	YWISE V/ UNIT# AVG 966.64 962.59 962.94	2 SOX(m MIN 940.84 934.81 919.57	PR THE M g/nm3) MAX 997.12 995.24 991.84	ONTH OF UNIT# AVG 403.2 402.34 402.16	MAY '20 2 NOX(m MIN 394.06 391.65 386.65	21 g/nm3) MAX 414.84 414.4 413.35	UNIT# AVG 44.09 44.05 43.9	2 DUST(MIN 41.96 41.41 40.55	mg/nm3) MAX 46.93 46.76 46.59	
7 07-May-21 621.74 960.95 936.18 990 401.64 392.09 412.69 43.82 41.49 46.44 8 08-May-21 616.74 957.42 936.43 985.56 400.43 392.04 411.28 43.62 41.51 46.2 9 09-May-21 629.67 963.88 938.69 989.43 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition 14 14-May-21 257.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 632.69 971.09 947.8 994.6 405.14 395.5 41.39 44.37 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.9 41.39 44.39 44.83 46.61 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.9 41.39 44.32 41.83 46.61 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.9 41.39 44.39 44.83 46.61 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.9 41.39 44.32 41.83 46.61 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.9 414.13 44.57 42.3 46.66 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.9 414.13 44.57 42.3 46.66 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.9 414.13 44.57 42.3 46.61 26 26-May-21 632.04 956.76 922.9 989.77 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 648.55 969.04 943.07 1000 403.93 394.68 415.95 44.12 42.06 47.01 30 30-May-21 648.55 969.04 943.07 1000 403.93 394.68 415.95 44.12 42.06 47.01 30 30-May-21 648.55 969.04 943.07 1000 403.93 394.68 415.95 44.12 42.	\$.NO. 1 2 3 4	DATE 01-May-21 02-May-21 03-May-21 04-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42	YWISE VA UNIT# AVG 966.64 962.59 962.94 962.46	ALUES FO 2 SOX(m MIN 940.84 934.81 919.57 932.67	997.12 991.84 975.06	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75	21 g/nm3) MAX 414.84 414.4 413.35 407.04	UNIT# AVG 44.09 44.05 43.9 44.03	2 DUST(MIN 41.96 41.41 40.55 41.74	mg/nm3) MAX 46.93 46.76 46.59 45.45	
8 08-May-21 616.74 957.42 936.43 985.56 400.43 392.04 411.28 43.62 41.51 46.2 9 09-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.85 41.45 46.08 10 10-May-21 629.67 963.88 938.69 989.43 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition Unit in shutdown condition Unit in shutdown condition 15 15-May-21 257.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.84 41.20 41.8 46.51 21 21-May-21 636.98 971.09 947.8 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 42-May-21 636.98 971.09 947.8 994.55 400.78 390.4 413.89 44.32 41.83 46.61 26 26-May-21 630.98 971.09 947.8 994.55 400.78 390.4 413.89 44.32 41.83 46.61 26 26-May-21 630.98 949.94 923.86 976.41 398.14 398.15 413.39 44.32 41.83 46.61 26 26-May-21 636.98 971.09 947.8 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24-May-21 636.98 971.09 947.8 994.55 400.78 390.4 413.89 44.32 41.83 46.61 26 26-May-21 630.98 949.94 923.86 976.41 398.14 398.15 413.39 44.32 41.83 46.61 26 26-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 29-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 29-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 29-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 29-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 29-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 29-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46	S.NO . 1 2 3 4 5	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26	2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84	997.12 995.24 997.84 975.06 984.94	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57	2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52	UNIT# AVG 44.09 44.05 43.9 44.03 43.42	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04	
9 09-May-21 618.9 959.96 935.65 985.08 401.41 391.76 410.95 43.85 41.45 46.08 10 10-May-21 629.67 963.88 938.69 989.43 402.51 392.59 412.35 43.99 41.54 46.4 11 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition 14 14-May-21 Unit in shutdown condition 15 15-May-21 40.24 893.54 840.07 976.46 381.24 362.84 393.84 39.91 37.26 43.44 17 17-May-21 40.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 988.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 656.98 971.09 947.8 994.55 400.78 390.4 413.39 44.32 41.83 46.51 24 24-May-21 636.98 971.09 947.8 994.6 405.14 396.95 414.13 44.57 42.3 46.69 25 25-May-21 662.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 652.04 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 652.04 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 652.04 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 652.04 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 652.04 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 28-May-21 664.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 28-May-21 664.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 664.05 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 665.55 969.04 943.07 1000 403.93 394.84 415.95 44.12 42.06 47.01 30 30-May-21 6648.55 969.04 943.07 1000 403.93 394.68 415.95 44.12 42.06 47.01 30 30-May-21 662.51 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 4	\$.NO. 1 2 3 4 5 6	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05	2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75	997.12 995.24 997.84 975.06 984.94 986.44	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26	2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01	
10	\$.NO. 1 2 3 4 5 6 7	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18	97.12 995.24 997.84 975.06 984.94 990	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44	
11 11-May-21 590.65 949.23 889 987.84 398.22 378.54 411.84 43.34 39.71 46.24 12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition 15 15-May-21 Unit in shutdown condition 16 16-May-21 257.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.	S.NO. 1 2 3 4 5 6 7	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43	97.12 995.24 997.84 975.06 984.94 986.44 990 985.56	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2	
12 12-May-21 449.75 902.64 881.52 923.25 383.94 375.7 392.04 41.07 39.05 43.03 13 13-May-21 Unit in shutdown condition 14 14-May-21 Unit in shutdown condition 15 15-May-21 Unit in shutdown condition 16 16-May-21 257.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79	\$.NO. 1 2 3 4 5 6 7 8 9	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65	97.12 995.24 997.84 975.06 984.94 986.44 990 985.56 985.08	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08	
13 13-May-21 Unit in shutdown condition 14 14-May-21 Unit in shutdown condition 15 15-May-21 257.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 636.98 971.09 947.8 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.61 404.39 394.15 413.39 44.32 41.83 46.61 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 636.98 971.09 947.8 994.61 404.43 394.15 413.39 44.32 41.83 46.61 26 26-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	\$.NO. 1 2 3 4 5 6 7 8 9 10	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4	
Unit in shutdown condition 15 15-May-21 Unit in shutdown condition 16 16-May-21 257.32 871.71 838.65 928.06 375.07 362.48 393.84 39.91 37.26 43.44 17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 <td< td=""><td>\$.NO. 1 2 3 4 5 6 7 8 9 10 11</td><td>DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21</td><td>CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65</td><td>YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23</td><td>ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889</td><td>97.12 995.24 997.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84</td><td>ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22</td><td>MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54</td><td>21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84</td><td>UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34</td><td>2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71</td><td>mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24</td></td<>	\$.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889	97.12 995.24 997.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24	
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17 17-May-21 440.24 893.54 840.07 976.46 381.24 362.84 407.1 40.65 36.9 45 18 18-May-21 611.14 958.57 887.91 992.54 401.04 379.86 412.9 43.84 40.55 46.27 19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.7	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24	
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19 19-May-21 626.92 965.32 939.52 990.84 403.2 392.76 412.81 44.2 41.78 46.46 20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 4	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52 U	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shunit	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 Indition	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.54 39.71 39.05	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
20 20-May-21 640.57 970.84 942.54 992.51 404.89 393.89 413.35 44.49 41.8 46.51 21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 <td< td=""><td>S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16</td><td>DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21</td><td>CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75</td><td>YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64</td><td>ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65</td><td>97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 989.43 987.84 923.25 nit in shuinit in</td><td>ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co</td><td>MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition</td><td>21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04</td><td>UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07</td><td>2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05</td><td>mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03</td></td<>	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 989.43 987.84 923.25 nit in shuinit in	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
21 21-May-21 631.36 955.31 931.04 983.7 399.08 390.31 410.03 43.14 41.2 45.79 22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 43.21 40.87 45.71 27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 15-May-21 17-May-21 18-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shull in shul	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co 375.07 381.24 401.04	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
22 22-May-21 632.16 958.12 938.49 990.47 400.14 392.5 412.69 43.38 41.52 46.39 23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 43.21 40.87 45.71 27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 15-May-21 17-May-21 18-May-21 19-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52	97.12 995.24 991.84 975.06 984.94 990 985.56 985.08 989.43 987.84 923.25 nit in shull in sh	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 375.07 381.24 401.04 403.2	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86 392.76	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
23 23-May-21 615.5 957.97 930.21 994.55 400.78 390.4 413.84 43.73 41.34 46.54 24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 43.21 40.87 45.71 27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 14-May-21 15-May-21 15-May-21 17-May-21 17-May-21 18-May-21 19-May-21 19-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54	975.06 984.94 995.26 995.24 991.84 975.06 984.94 986.44 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 375.07 381.24 401.04 403.2 404.89	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86 392.76 393.89	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
24 24-May-21 636.98 971.09 947.8 994.6 405.14 395.95 414.13 44.57 42.3 46.69 25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 43.21 40.87 45.71 27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 17-May-21 18-May-21 18-May-21 19-May-21 20-May-21 20-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04	975.06 984.94 990 985.56 984.94 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.64 403.2 404.89 399.08	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
25 25-May-21 642.02 969.67 943.48 992.61 404.39 394.15 413.39 44.32 41.83 46.61 26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 43.21 40.87 45.71 27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 14-May-21 15-May-21 15-May-21 17-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04	975.06 984.94 990.985.56 984.94 990.985.56 989.43 987.84 923.25 nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.64 401.04 403.2 404.89 399.08 400.14	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
26 26-May-21 600.98 949.94 923.86 976.41 398.14 388.17 407.25 43.21 40.87 45.71 27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 18-May-21 18-May-21 19-May-21 20-May-21 20-May-21 20-May-21 21-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21	975.06 984.94 990 985.56 984.94 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.34	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54	
27 27-May-21 584.37 950.12 924.48 972.2 398.68 388.35 407.38 43.52 40.95 45.64 28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 19-May-21 20-May-21 20-May-21 21-May-21 21-May-21 21-May-21 21-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.64 401.64 403.2 404.89 399.08 400.14 400.78	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.8 41.2 41.34 42.3	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03	
28 28-May-21 622.04 956.76 922.9 989.77 399.84 387.7 412.47 43.37 40.73 46.35 29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.8 41.8 41.8 41.8	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61	
29 29-May-21 648.55 969.04 943.07 1000 403.93 394.48 415.95 44.12 42.06 47.01 30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31	\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.8 41.8 41.34 42.3 41.83 40.87	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61 45.71	
30 30-May-21 625.31 960.04 934.41 988.27 401.22 391.63 412.06 43.73 41.49 46.31 31 31-May-21 633.5 966.01 937.88 993.44 403.23 392.86 413.32 44.13 41.78 46.43	\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98 584.37	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67 949.94	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48 923.86 924.48	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6 992.61 976.41	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14 398.68	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17 388.35	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25 407.38	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21 43.52	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.8 41.2 41.34 42.3 41.83 40.87 40.95	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.69 46.61 45.71 45.64	
31 31-May-21 633.5 966.01 937.88 993.44 403.23 392.86 413.32 44.13 41.78 46.43	\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21 29-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98 584.37 622.04	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67 949.94 950.12	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48 923.86 924.48	PR THE M g/nm3) MAX 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6 992.61 976.41 972.2 989.77	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14 398.68 399.84	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17 388.35 387.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25 407.38 412.47	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21 43.52 43.37	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.8 41.8 41.2 41.34 42.3 41.83 40.87 40.95 40.73	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.69 46.61 45.71 45.64 46.35	
	\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 23-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21 29-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98 584.37 622.04 648.55 625.31	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67 949.94 950.12 956.76	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48 923.86 924.48 922.9 943.07	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6 992.61 976.41 972.2 989.77	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14 398.68 399.84 403.93	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17 388.35 387.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25 407.38 412.47 415.95	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21 43.52 43.37	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.45 41.45 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.8 41.8 41.2 41.34 42.3 41.83 40.87 40.95 40.73 42.06	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.69 46.61 45.71 45.64 46.35 47.01	

1		CEMS DA	YWISE V	ALUES FO	OR THE M	ONTH OF	JUN '20	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)		2 SOX(m			2 NOX(m				mg/nm3)
3.110.		AVG	AVG	MIN	MAX	AVG	WIN	MAX	AVG	MIN	MAX
1	01-Jun-21	641.64	968.05	946.63	995.45	403.74	395.1	414.43	44.14	41.73	46.76
2	02-Jun-21	627.37	968.44	940.74	990.3	404.43	393.72	412.9	44.52	41.52	46.52
3	03-Jun-21	630.22	969.33	933.66	994.03	404.68	391.12	414.01	44.51	41.33	46.69
4	04-Jun-21	642.82	966.5	943.36	999.43	403.09	394.18	415.63	44	42	46.94
5	05-Jun-21	633.26	963.63	948.32	981.93	402.35	396.6	409.9	43.94	42.38	45.87
6	06-Jun-21	631.53	964.65	938.62	989.24	402.72	392.84	412.23	44.01	41.63	46.41
7	07-Jun-21	635.99	966.91	943.88	990.15	403.52	394.1	412.55	44.18	41.76	46.35
8 9	08-Jun-21 09-Jun-21	634.06 641.71	965.87 967.62	939.6 948.81	987.16 991.22	403.17 403.56	392.71 395.96	411.34 413.04	44.12 44.08	41.5 42.11	46.05 46.55
10	10-Jun-21	602.19	951.63	875.09	985.52	398.75	375.33	411.04	43.35	39.59	46.07
11	11-Jun-21	644.46	973.98	943.29	996.27	405.98	394.36	414.57	44.7	41.87	46.74
12	12-Jun-21	646.75	974.55	943.29	996.27	406.17	395.24	414.75	44.7	41.9	46.74
13	13-Jun-21	634.16	963.57	939.34	989.79	400.17	393.24	412.61	43.85	41.68	46.43
14	14-Jun-21	646.28	969.84	945.2	988.48	404.28	394.79	411.98	44.23	41.7	46.26
15	15-Jun-21	643.56	970.21	946.91	994.37	404.56	395.69	414.14	44.33	42.2	46.72
16	16-Jun-21	618.83	959.28	923.05	985.02	401.14	391.66	410.89	43.72	41.4	46.05
17	17-Jun-21	618.72	955	879.14	993.25	399.48	374.66	413.48	43.37	38.76	46.5
18	18-Jun-21	637.24	972.82	953.72	994.86	405.79	398.7	414.06	44.7	42.68	46.62
19	19-Jun-21	632.91	965.54	922.56	998.25	403	387.71	415.31	44.05	40.78	46.9
20	20-Jun-21	602.41	954.52	843.89	992.65	399.94	363.98	413.42	43.67	37.08	46.57
21	21-Jun-21	618.79	961.44	921.75	987.6	401.98	387.37	411.87	43.96	40.69	46.28
22	22-Jun-21	648.61	967.55	942.94	993.56	403.29	394.36	413.84	44	42.01	46.66
23	23-Jun-21	641.05	970.67	928.32	996.71	404.87	391.21	414.79	44.47	41.67	46.8
24	24-Jun-21	647.72	970.99	944.78	997.9	404.75	394.71	414.93	44.39	41.86	46.74
25	25-Jun-21	628.37	958.21	927.62	991.61	400.4	389.2	412.48	43.54	40.99	46.41
26	26-Jun-21	633.78	967.28	934.91	995.63	403.63	391.36	414.41	44.2	41.32	46.72
27	27-Jun-21	633.69	961.78	934.11	990.9	401.57	391.32	412.69	43.69	41.39	46.34
28	28-Jun-21	602.15	955.16	933.46	979.46	400.08	392.09	408.93	43.69	41.73	45.73
29	29-Jun-21	595.78	952.03	919.61	976.22	398.97	386.91	408.15	43.43	40.69	45.73
30	30-Jun-21	632.01	965.39	931.35	991.64	402.92	390.29	412.93	44.04	41.15	46.39
	CEMS DAYWISE VALUES FOR THE MONTH OF JUL '2021										
S.NO.	DATE	UNIT# 2 LOAD(MW)	UNIT#	2 SOX(m	g/nm3)	UNIT#	2 NOX(m	g/nm3)			mg/nm3)
	DATE	UNIT# 2 LOAD(MW) AVG	UNIT#	2 SOX(m MIN	g/nm3) MAX	UNIT#	2 NOX(m MIN	g/nm3) MAX	AVG	MIN	MAX
1	01-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18	UNIT# AVG 967.04	2 SOX(m MIN 939.72	g/nm3) MAX 991.23	UNIT# AVG 403.22	2 NOX(m MIN 392.78	mAX 412.71	AVG 44.01	MIN 41.53	MAX 46.39
1 2	01-Jul-21 02-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12	UNIT# AVG 967.04 959.42	2 SOX(m MIN 939.72 933.34	g/nm3) MAX 991.23 983.66	UNIT# AVG 403.22 401.4	2 NOX(m MIN 392.78 390.93	g/nm3) MAX 412.71 410.78	AVG 44.01 43.89	MIN 41.53 41.26	MAX 46.39 45.98
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6	UNIT# AVG 967.04 959.42 964.3	2 SOX(m MIN 939.72 933.34 942.09	g/nm3) MAX 991.23 983.66 995.8	UNIT# AVG 403.22 401.4 402.49	2 NOX(m MIN 392.78 390.93 393.95	g/nm3) MAX 412.71 410.78 414.42	44.01 43.89 43.94	MIN 41.53 41.26 41.98	MAX 46.39 45.98 46.71
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55	967.04 959.42 964.3 969.04	2 SOX(m MIN 939.72 933.34 942.09 941.45	g/nm3) MAX 991.23 983.66 995.8 995.86	UNIT# AVG 403.22 401.4 402.49 404.03	2 NOX(m MIN 392.78 390.93 393.95 393.3	MAX 412.71 410.78 414.42 414.38	44.01 43.89 43.94 44.19	MIN 41.53 41.26 41.98 41.61	MAX 46.39 45.98 46.71 46.68
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31	g/nm3) MAX 991.23 983.66 995.8 995.86 994.74	UNIT# AVG 403.22 401.4 402.49 404.03 404.63	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2	44.01 43.89 43.94 44.19 44.37	MIN 41.53 41.26 41.98 41.61 42.08	MAX 46.39 45.98 46.71 46.68 46.71
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79	g/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12	44.01 43.89 43.94 44.19 44.37 43.24	MIN 41.53 41.26 41.98 41.61 42.08 40.91	MAX 46.39 45.98 46.71 46.68 46.71 46.37
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81	g/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2	44.01 43.89 43.94 44.19 44.37	MIN 41.53 41.26 41.98 41.61 42.08	MAX 46.39 45.98 46.71 46.68 46.71
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12	44.01 43.89 43.94 44.19 44.37 43.24	MIN 41.53 41.26 41.98 41.61 42.08 40.91	MAX 46.39 45.98 46.71 46.68 46.71 46.37
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12	44.01 43.89 43.94 44.19 44.37 43.24	MIN 41.53 41.26 41.98 41.61 42.08 40.91	MAX 46.39 45.98 46.71 46.68 46.71 46.37
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition a74.36	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57 988.39	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61	967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57 988.39 987.87	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57 988.39 987.87	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 404.03 395.39 397.5 401.18 395.31	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84 42.81	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93	967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull in shull in shull in shull in shull in shull 970.57 988.39 987.87 981.42 981.03	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57 988.39 987.87	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 404.03 395.39 397.5 401.18 395.31	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84 42.81 43.51	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull in shull in shull in shull in shull in shull 970.57 988.39 987.87 981.42 981.03 993.78	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84 42.81 43.51 42.98	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull in	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69	42.82 43.84 42.81 43.51 42.98 43.71	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull in	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95	42.82 43.51 42.87 43.71 44.89 44.19 44.37 43.24 42.41	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull in	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19	42.82 43.51 42.87 43.71 43.84 42.81 43.51 42.87	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34	42.82 43.94 44.41 43.24 42.41 42.82 43.18 43.84 42.81 43.51 42.98 43.71 42.87 41.15 40.2	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18	42.82 43.51 42.87 43.71 43.84 42.81 43.84 42.81 43.84 42.81 43.84 42.81 43.84 44.85 45.84	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51	42.82 43.94 44.41 43.24 42.41 42.82 43.18 43.84 42.81 43.51 42.98 43.71 42.87 41.15 40.2 40.48 40.99	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89 982.35	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96	42.82 43.18 43.84 42.81 43.51 42.87 41.15 40.2 40.48 40.99 42.35 41.76 43.06	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu nit in shu 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.88 987.89 982.35 984.39 1000 996.16	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45	42.82 43.18 43.84 42.81 43.51 42.87 40.2 40.48 40.99 42.35 41.76 43.06 42.87	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26 947.64	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu it in shu 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.88 987.89 982.35 984.39 1000 996.16 996.47	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09 397.58	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28 377.41	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.63	42.82 43.18 43.84 42.81 43.51 42.87 41.76 43.06 42.87 43.19	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6 569.55	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26 947.64 941.17	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47 896.66	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu it in shu 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39 1000 996.16 996.47 972.65	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09 397.58 395.63	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28 377.41 383.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45 414.63 407.46	42.82 43.18 43.84 42.81 43.51 42.87 41.76 43.06 42.89	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08 39.74 40.79	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75 45.63
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 29-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6 569.55 589.64	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26 947.64 941.17 945.08	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47 896.66 915.25	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu it in shu 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.88 987.89 982.35 984.39 1000 996.16 996.47 972.65	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09 397.58 395.63 396.48	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28 377.41 383.28 385.4	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45 414.63 407.46 409.39	42.82 43.18 43.84 42.41 42.82 43.18 43.84 42.81 43.51 42.87 41.15 40.2 40.48 40.99 42.35 41.76 43.06 42.87 43.19 42.89 42.93	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08 39.74 40.79 40.38	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75 45.63 45.92
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6 569.55	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26 947.64 941.17	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47 896.66	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu it in shu 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39 1000 996.16 996.47 972.65	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09 397.58 395.63	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28 377.41 383.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45 414.63 407.46	42.82 43.18 43.84 42.81 43.51 42.87 41.76 43.06 42.89	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08 39.74 40.79	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75 45.63

		CEMS DAYWISE VALUES FOR THE M				ONTH OF	AUG '20	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)		2 SOX(m			2 NOX(m				(mg/nm3)
3.110.	DATE	AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	WIN	MAX
1	01-Aug-21	520.65	922.5	867.3	943.2	390	374.3	398.4	42.02	39.9	44.16
2	02-Aug-21	520.56	920.9	886.2	959.1	389.4	377.1	403.1	41.88	39.3	44.86
3	03-Aug-21	494.4	911.2	873.4	948.8	386.3	372.8	400.2	41.37	38.4	44.5
4	04-Aug-21	547.23	934.2	889.3	961.2	393.4	378.5	403.2	42.48	39.7	44.78
5	05-Aug-21	546.21	932.68	900.5	967.7	393.17	381.21	405.86	42.56	39.82	45.34
6	06-Aug-21	515.96	920.06	899.63	943.95	389.19	381.18	398.85	41.86	39.55	44.31
7	07-Aug-21	529.89	930.89	899.91	956.71	392.94	380.91	402.52	42.64	39.73	44.81
8	08-Aug-21	545.1	931.34	906.85	955.58	392.62	382.78	402.19	42.38	40.4	44.81
9	09-Aug-21	568.16	940.75	905.96	970.16	395.56	383.09	406.3	42.92	40.2	45.29
10	10-Aug-21	565.68	938.42	906.16	973.22	394.6	382.72	406.78	42.65	39.85	45.45
11	11-Aug-21	566.97	939.77	915.27	969.33	395.26	386.17	406.44	42.87	40.79	45.47
12	12-Aug-21	553.81	930.35	898.58	962.7	392.04	380.4	403.94	42.24	39.61	45.01
13	13-Aug-21	545.03	934.07	901.63	962.86	393.66	381.36	403.99	42.62	39.77	45.03
14	14-Aug-21	564.57	943.1	916.41	968.77	396.59	386.67	406.29	43.22	40.93	45.45
15	15-Aug-21	557.57	937.8	903.05	967.95	394.78	381.89	406.06	42.85	39.9	45.42
16	16-Aug-21	543.12	927.21	904.04	953.85	391.04	382.2	401.74	42	39.91	44.72
17	17-Aug-21	561.96	937.53	905.69	964.3	394.42	382.66	403.96	42.66	40	44.71
18	18-Aug-21	514.59	921.58	896.33	948.25	389.97	380.83	400.11	42.1	39.97	44.49
19	19-Aug-21	517.32	919.1	894.4	955	388.7	379.4	402.2	41.73	39.5	44.83
20	20-Aug-21	550.06	933.5	901.7	962	393.1	383	403.3	42.44	40.7	44.62
21	21-Aug-21	513.94	923.1	886.5	954	390.6	377.7	401.1	42.28	39.5	44.43
22	22-Aug-21	520.8	921.3	901.2	947.7	389.4	381.9	399.7	41.85	40	44.37
23	23-Aug-21	537.63	928.3	887	973.3	391.6	377	407.7	42.22	39.1	45.48
24	24-Aug-21	570.2	947.4	916.5	969.2	398.1	385.8	406.3	43.49	40.4	45.39
25	25-Aug-21	606.68	956.3	932.6	984.4	400.3	390.6	411	43.73	41.2	46.15
26	26-Aug-21	529.84	922	886.3	957.4	389.7	376.9	402.8	41.88	39.1	44.87
27	27-Aug-21	581.91	950.2	913.6	979.3 992.1	398.6	385	408.7	43.48	40.4	45.67
28	28-Aug-21	180.42	936.4	822		393.7	357.4	413	42.39	36	46.38
29	29-Aug-21					tdown co					
30	30-Aug-21					tdown co					
31	31-Aug-21	05110.5				tdown co		•			
			CEMS DAYWISE VALUES FOR THE MONTH OF SEP '2021								
S.NO.				0.001/	,					0.01105	, , =\
	DATE	UNIT# 2 LOAD(MW)		2 SOX(m	· ·	UNIT#	2 NOX(m	g/nm3)			(mg/nm3)
		AVG	AVG	MIN	MAX	UNIT#	2 NOX(m MIN	g/nm3) MAX	AVG	MIN	MAX
1	01-Sep-21	AVG 179.58	AVG 920.52	MIN 873.72	MAX 946.57	UNIT# AVG 294.99	2 NOX(m MIN 279.82	g/nm3) MAX 306.79	AVG 41.85	MIN 39.85	MAX 44.19
1 2	01-Sep-21 02-Sep-21	AVG 179.58 563.07	920.52 932.38	MIN 873.72 912.47	MAX 946.57 949.3	UNIT# AVG 294.99 297.67	2 NOX(m MIN 279.82 272.8	g/nm3) MAX 306.79 330.5	41.85 42.6	MIN 39.85 40.33	MAX 44.19 44.97
1 2 3	01-Sep-21 02-Sep-21 03-Sep-21	AVG 179.58 563.07 591.87	920.52 932.38 930.96	MIN 873.72 912.47 900.91	MAX 946.57 949.3 949.42	UNIT# AVG 294.99 297.67 299.26	2 NOX(m MIN 279.82 272.8 272.32	g/nm3) MAX 306.79 330.5 329.2	41.85 42.6 42.92	MIN 39.85 40.33 40.73	MAX 44.19 44.97 44.81
1 2 3 4	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	AVG 179.58 563.07 591.87 564.87	920.52 932.38 930.96 927.04	MIN 873.72 912.47 900.91 900.6	MAX 946.57 949.3 949.42 949.37	UNIT# AVG 294.99 297.67 299.26 298.6	2 NOX(m MIN 279.82 272.8 272.32 272.26	g/nm3) MAX 306.79 330.5 329.2 329.69	41.85 42.6 42.92 42.8	39.85 40.33 40.73 39.89	MAX 44.19 44.97 44.81 44.7
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41	920.52 932.38 930.96 927.04 932.05	MIN 873.72 912.47 900.91 900.6 906	MAX 946.57 949.3 949.42 949.37 949.28	UNIT# AVG 294.99 297.67 299.26 298.6 307.54	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68	41.85 42.6 42.92 42.8 43.41	MIN 39.85 40.33 40.73 39.89 41.21	MAX 44.19 44.97 44.81 44.7 44.98
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89	920.52 932.38 930.96 927.04 932.05 926.67	MIN 873.72 912.47 900.91 900.6 906 904.02	MAX 946.57 949.3 949.42 949.37 949.28 945.72	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62	41.85 42.6 42.92 42.8 43.41 42.97	MIN 39.85 40.33 40.73 39.89 41.21 40.13	MAX 44.19 44.97 44.81 44.7 44.98 44.88
1 2 3 4 5 6	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76	920.52 932.38 930.96 927.04 932.05 926.67 931.48	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03	41.85 42.6 42.92 42.8 43.41 42.97 43.31	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95
1 2 3 4 5 6 7 8 9 10	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93
1 2 3 4 5 6 7 8 9 10 11	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65
1 2 3 4 5 6 7 8 9 10 11 12	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.78 907.57 928.57 922.52 932.06 929.1	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48 274.84	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84 39.72 40.26	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84 39.72	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48 274.84 272.9	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84 39.72 40.26 39.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.94 44.99 44.44
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48 274.84	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42.94	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.95 44.65 44.64 44.9 44.99 44.44 43.21
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273 273.8	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.3 37.7	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.95 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273 273.8 273.8	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.3 37.6 39.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.95 44.90 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51 43.15
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 422.64 462.27 456.22	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 878.4 867.5	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 275.3 275.69 275.3 274.84 272.9 273 273.8 272.7	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.3 37.6 39.3 38.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.99 44.44 43.21 42.79 42.51 43.15 43.13
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 422.64 462.27 456.22 481.1	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 878.4 867.5 868.5	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 273.8	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 878.4 867.5 868.5 877.8	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 936.1 946.4	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 273.8	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.3 38.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 272.7 273.8 274.6 274.6	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.3 38.7	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 274.1 274.1	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 12-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71 502.13	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2 911.5	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2 946.8	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9 296.1	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 274.1 274.1 274.1	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41 41.9	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5 39.5	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71 502.13	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2 911.5 917.7	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2 878	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2 946.8 943.5 942.5	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9 296.1 304.8	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 274.6 274.6 274.6 274.6 274.6 274.6 274.6 274.6	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4 331.7 330.7	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41 41.9	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5 39.5 39.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39 44.39
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 12-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71 502.13 496.68 507.5	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2 911.5 917.7 912.5	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2 878	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2 946.8 943.5 942.5 944.7	UNIT# AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9 296.1 304.8	2 NOX(m MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 273.8 274.6 274.6 274.6 274.6 274.6 274.6 274.1 272.9 274.9 274.9 282.1 272.4	g/nm3) MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4 331.7 330.7	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41 41.9 41.93	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5 39.5 39.5 39.5	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39 44.39

1			YWISE VA	ALUES FO	R THE M	ONTH OF					
S.NO.	DATE	UNIT# 3 LOAD(MW)	UNIT# 3 SOX(mg/nm3)		UNIT# 3 NOX(mg/nm3)			UNIT# 3 DUST(mg/nm3)			
5.110.		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Apr-21	496	896	841	950	277	260	295	45	41	48
2	02-Apr-21	562	883	826	944	273	254	293	44	40	48
3	03-Apr-21	639	894	823	937	275	253	290	45	40	48
4	04-Apr-21	632	906	837	942	279	257	292	45	41	48
5	05-Apr-21	581	890	830	941	274	255	292	44	41	48
6	06-Apr-21	592	889	829	939	274	255	291	44	41	47
7 8	07-Apr-21 08-Apr-21	563 561	884 883	826 835	945 931	273 273	254 257	293	44 44	40	48 47
9	08-Apr-21	579	879	830	934	273	256	288 290	44	41	47
10	10-Apr-21	564	896	838	944	277	258	293	45	41	48
11	11-Apr-21	597	906	844	946	280	260	293	45	42	48
12	12-Apr-21	471	915	839	945	283	258	293	46	41	48
13	13-Apr-21	454	896	840	947	276	258	294	45	41	48
14	14-Apr-21	435	908	851	948	280	261	294	45	42	48
15	15-Apr-21	506	923	897	944	285	274	293	44	42	46
16	16-Apr-21	544	912	851	941	281	262	291	46	43	48
17	17-Apr-21	517	901	837	946	278	257	293	45	41	48
18	18-Apr-21	545	910	846	945	281	261	293	46	42	48
19	19-Apr-21	583	906	828	945	279	254	293	45	41	48
20	20-Apr-21	595	914	859	950	282	265	295	46	43	48
21	21-Apr-21	585	905	843	939	279	259	291	45	41	48
22	22-Apr-21	552	908	842	933	279	258	288	45	41	47
23	23-Apr-21	559	919	874	947	283	270	294	46	44	48
24	24-Apr-21	548	916	866	946	283	268	293	46	43	48
25	25-Apr-21	568	915	897	944	281	274	293	46	44	48
26	26-Apr-21	569	906	840	946	279	258	293	45	41	48
27	27-Apr-21	555	894	832	949	275	255	294	45	41	48
28	28-Apr-21	556	905	839	944	279	259	293	45	41	48
29 30	29-Apr-21	570 599	916	878	949	282	269	294	46	43 41	48
30	30-Apr-21		907	840	946	279	259	293	45	41	48
		CEMS DA' UNIT# 3 LOAD(MW)		3 SOX(m			3 NOX(m		UNIT# 3 I	DUST/m	o/om7\
S.NO.	DATE	ONIT# 3 LOAD(MW)	UNII#	2 20V(III	y/11111 <i>3)</i>	UNII#	3 NUALIII	u/IIIII31	UNII# 3	JUSTUII	
		AVG	AVG	MIN	MAX						
1		AVG 647.44	AVG 970.1	MIN 946	MAX 995.6	AVG	MIN	MAX	AVG	MIN	MAX
1 2	01-May-21	647.44	970.1	946	995.6	AVG 396.1	MIN 386.8	MAX 406.2	AVG 43.14	MIN 41.3	MAX 45.2
2	01-May-21 02-May-21	647.44 646.98	970.1 968.4	946 934.3	995.6 999.6	AVG 396.1 395.5	MIN 386.8 382.9	MAX 406.2 407.5	AVG 43.14 43.09	MIN 41.3 40.5	MAX 45.2 45.5
	01-May-21 02-May-21 03-May-21	647.44	970.1	946	995.6	AVG 396.1 395.5 397.5	MIN 386.8 382.9 384.9	MAX 406.2	AVG 43.14	MIN 41.3	MAX 45.2
2	01-May-21 02-May-21	647.44 646.98 654.26 645.04	970.1 968.4 974	946 934.3 939.6	995.6 999.6 1000	AVG 396.1 395.5	MIN 386.8 382.9	MAX 406.2 407.5 408.1	43.14 43.09 43.44	MIN 41.3 40.5 40.9	MAX 45.2 45.5 45.5
2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	647.44 646.98 654.26	970.1 968.4 974 968.9	946 934.3 939.6 942	995.6 999.6 1000 994.7	AVG 396.1 395.5 397.5 395.8	MIN 386.8 382.9 384.9 385.6	MAX 406.2 407.5 408.1 405.6	AVG 43.14 43.09 43.44 43.13	MIN 41.3 40.5 40.9 41	MAX 45.2 45.5 45.5 45.1
2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	647.44 646.98 654.26 645.04 652.48	970.1 968.4 974 968.9 971.7	946 934.3 939.6 942 945.7	995.6 999.6 1000 994.7 998.4	AVG 396.1 395.5 397.5 395.8 396.6	MIN 386.8 382.9 384.9 385.6 386.4	MAX 406.2 407.5 408.1 405.6 407	AVG 43.14 43.09 43.44 43.13 43.27	MIN 41.3 40.5 40.9 41 41.2	45.2 45.5 45.5 45.1 45.1
2 3 4 5 6	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	647.44 646.98 654.26 645.04 652.48 658.34	970.1 968.4 974 968.9 971.7 974	946 934.3 939.6 942 945.7 950.8	995.6 999.6 1000 994.7 998.4 998.9	AVG 396.1 395.5 397.5 395.8 396.6 397.3	MIN 386.8 382.9 384.9 385.6 386.4 388	MAX 406.2 407.5 408.1 405.6 407 407.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4	MIN 41.3 40.5 40.9 41 41.2 41.6	MAX 45.2 45.5 45.5 45.1 45 45.4
2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16	970.1 968.4 974 968.9 971.7 974 972.8	946 934.3 939.6 942 945.7 950.8 943.4	995.6 999.6 1000 994.7 998.4 998.9 997.3	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3
2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 385.5	MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2
2 3 4 5 6 7 8 9 10	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 385.5 388.5	MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.9 43.14 43.29 43.17	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3	MAX 45.2 45.5 45.5 45.1 45.4 45.4 45.3 44.6 45.2 45.2
2 3 4 5 6 7 8 9 10 11	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1 394.2	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 388.5 388.5 386.5	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3	MAX 45.2 45.5 45.5 45.1 45.4 45.3 44.6 45.2 45.2 44.9
2 3 4 5 6 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1 394.2 391.8	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 386.5 380.3	MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.4	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45
2 3 4 5 6 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 386.5 380.3 380.7	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3	MAX 45.2 45.5 45.5 45.1 45.4 45.3 44.6 45.2 45.2 44.9
2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shut	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cor	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 386.5 380.3 380.7 dition	MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.4	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45
2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 15-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shut	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 386.5 380.3 380.7 dition	MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.4	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9 927 Un	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in shutit in shutit in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down condown condo	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385 385.5 386.5 380.3 380.7 dition dition	MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	MAX 45.2 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45 44.8
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit in shutit in shut	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 386.5 380.3 380.7 dition dition dition 362.9	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	MAX 45.2 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45 44.8
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 18-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9 Un Un 866.7 940.4	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit in shutit in shutit in shutit in shutit 1000	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	MAX 45.2 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45 44.8
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit in shutit in shutit in shutit in shutit 1000 993.9	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	## MAX 45.2 45.5 45.1 45.4 45.4 45.3 44.6 45.2 45.2 44.9 45.2 44.8 43.5 45.5 45.1
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in shutit in shutit in shutit in shutit in shutit 1000 993.9 986.1	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40	## A S S S S S S S S S S S S S S S S S S
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 386.4	MAX 406.2 407.5 408.1 405.6 407 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 43.61 43.03	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2	## A S S S S S S S S S S S S S S S S S S
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 20-May-21 22-May-21 23-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un 866.7 940.4 947.2 926.8 945	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 380.5 384.9 387.9 380.5	MAX 406.2 407.5 408.1 405.6 407 406.6 403.2 405.4 406.1 406.2 405.2 404.2 398 407.7 405.7 403.4 404.5 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 43.61 43.03 43.05	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7	## A5.5 ## A5.2 ## A5.4 ## A5.3 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.3 ## A5.5
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 23-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un 866.7 940.4 947.2 926.8 945.9 938.5	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 380.5 387.9 380.5	MAX 406.2 407.5 408.1 405.6 407 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 42.61 43.03 43.05 42.72	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2	## A S S S S S S S S S S S S S S S S S S
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 20-May-21 22-May-21 23-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5 964.8	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un 866.7 940.4 947.2 926.8 945	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.1 394.2 391.8 393.1 down cordown cordo	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 380.5 384.9 387.9 380.5	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 43.61 43.03 43.05	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1	## MAX 45.2 45.5 45.1 45.4 45.4 45.3 44.6 45.2 45.2 44.9 45.4 44.8 43.5 44.8 44.8 45.5 44.8
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 23-May-21 23-May-21 24-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 643.17	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un 866.7 940.4 947.2 926.8 945 938.5 943.2	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cordown	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 386.4 387.9 387.9 386.4 387.9	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 403.9	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 42.61 43.03 43.05 42.72 42.76	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1 41.4	## A5.5 ## A5.2 ## A5.4 ## A5.3 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.3 ## A5.5 ##
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un 866.7 940.4 947.2 926.8 945.9 943.2 944.1	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8 it in shutit	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.6 396.1 394.2 391.8 393.1 down cordown	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 386.4 387.9 387.9 386.4 385.7	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 403.9 405.5	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 43.19 42.61 43.03 43.05 42.72 42.76 43.52	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40.4 41.2 40.7 41.1 41.4 41.6	## A5.5 ## A5.2 ## A5.4 ## A5.3 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.5 ##
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 27-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76 645.2	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9 973.4	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945 938.5 943.2 947.2 944.1 942.2	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 98.8 it in shuttit in	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396 396.6 396.1 394.2 391.8 393.1 down cordown c	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 386.4 387.9 387.9 385.7	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 403.9 405.5 407	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 42.61 43.03 43.05 42.72 42.76 43.52 43.44	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 41.2 40.9 41.3 40 41.2 40.7 41.1 41.4 41.6 41	## A5.5 ## A5.6 ##
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76 645.2 647.21	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9 973.4 976.5	946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945 938.5 943.2 944.1 942.2 944.7	995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 98.8 it in shuttit in	AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.3 396.6 396.1 394.2 391.8 393.1 down cordown	MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 386.4 387.9 387.9 386.4 387.9 386.4 387.9 386.9	MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 405.5 407 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54 41.14 42.91 43.19 42.61 43.03 43.05 42.72 42.76 43.52 43.44 43.65	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1 41.4 41.6 41 41.3	## A5.5 ## A5.6 ##

		CEMS DA	YWISE VA	ALUES FO	R THE M	ONTH OF	JUN '202	21			
S.NO.	DATE	UNIT# 3 LOAD(MW)	UNIT#	3 SOX(m	g/nm3)	UNIT#	3 NOX(m	g/nm3)	UNIT# 3 I	DUST(m	g/nm3)
5.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Jun-21	639.91	968.6	941	989.4	395.8	384.9	404.1	43.08	40.9	44.8
2	02-Jun-21	631.67	968.8	940	988.7	396.2	384.7	403.9	43.17	40.9	44.7
3	03-Jun-21	630.53	966.9	944.4	988.8	395.4	385.9	404	42.98	41.1	44.7
4	04-Jun-21	635.21	961	934	992.3	392.9	382.7	405.1	42.52	40.5	45
5	05-Jun-21	648.67	969.8	946.7	997.4	396	386.9	406.5	43.17	41.3	45.3
6	06-Jun-21	645.98	965.9	941.4	999.8	394.5	385.1	407.5	42.87	41	45.5
7	07-Jun-21	651.08	968	947.6	994.3	395.2	386.9	405.7	42.92	41.4	45.1
8	08-Jun-21	645.25	966.1	948.1	991.8	394.6	387.5	405	42.88	41.5	45
9	09-Jun-21	644.13	969.3	945.1	993.6	395.9	386.2	405.5	43.09	41.3	45
10	10-Jun-21	606.89	958.6	863.1	994	393	362.5	405.7	42.47	36.1	45.1
11	11-Jun-21	644.1	970.5	945.6	994.8	396.4	386.9	406	43.22	41.3	45.2
12	12-Jun-21	640.08	966.9	938.9	994.3	395.1	384.2	405.7	42.97	40.8	45.1
13	13-Jun-21	638.1	969.6	941.4	992.1	396.3	385.2	405	43.21	41	45
14 15	14-Jun-21	650.03	971.2 973	947.3 944.4	992.7 997.7	396.5 397.3	387 386.2	405.1 406.9	43.25	41.4 41.2	45 45.3
16	15-Jun-21 16-Jun-21	646.28 629.99	963.1	897.8	997.7	397.3	373.8	405.4	43.42 42.73	38.4	45.3
17	17-Jun-21	644.14	965	948.6	994.2	394.2	387.5	404.9	42.73	41.5	44.9
18	18-Jun-21	646.52	970.7	948.3	991.9	396.4	388.1	404.9	43.21	41.5	45.2
19	19-Jun-21	625.18	958.5	922.1	987.3	390.4	379.3	408.2	42.43	39.7	44.9
20	20-Jun-21	608.8	958.5	871.3	987.3	392.3	365.8	403.9	41.89	36.7	44.9
21	21-Jun-21	637.66	968.9	942.1	989.1	396	385.5	403.9	43.17	41	44.8
22	22-Jun-21	653.24	976.4	953.2	995.3	398.5	389	406	43.66	41.9	45.2
23	23-Jun-21	638.36	963.6	917.9	992.5	393.9	378.7	404.7	42.69	39.2	44.9
24	24-Jun-21	641.7	967.7	932	995.4	395.3	382.6	406.1	42.99	40.4	45.2
25	25-Jun-21	630.78	960.8	910.4	996.5	392.9	375.4	406.5	42.54	38.9	45.3
26	26-Jun-21	638	963.6	934.9	994.8	393.9	383.5	405.6	42.71	40.6	45.1
27	27-Jun-21	630.36	963.8	936.1	996.9	394.2	383.4	406.6	42.8	40.6	45.3
28	28-Jun-21	627.82	966	942.5	990.9	395.1	385.7	404.5	42.94	40.9	44.8
29	29-Jun-21	617.59	958.3	929.3	984.4	392.4	381.5	402.2	42.43	40.5	44.4
30	30-Jun-21	644.11	973.8	943.4	998.1	398	386	407	43.55	41.1	45.4
		CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	JUL '202	21			
S NO	DATE	UNIT# 3 LOAD(MW)	UNIT#	3 SOX(m	g/nm3)	UNIT#	3 NOX(m	g/nm3)	UNIT# 3 I		g/nm3)
S.NO.	DATE	UNIT# 3 LOAD(MW) AVG	UNIT#	3 SOX(m MIN	g/nm3) MAX	UNIT#	3 NOX(m MIN	g/nm3) MAX	AVG	DUST(m	MAX
1	DATE 01-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4	UNIT# AVG 967.8	3 SOX(m MIN 943.4	g/nm3) MAX 994.9	UNIT# AVG 395.3	3 NOX(m MIN 385.6	g/nm3) MAX 406.1	AVG 43.03		MAX 45.2
1 2	01-Jul-21 02-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96	UNIT# AVG 967.8 970.8	3 SOX(m MIN 943.4 947.3	g/nm3) MAX 994.9 997.5	UNIT# AVG 395.3 396.4	3 NOX(m MIN 385.6 387.2	g/nm3) MAX 406.1 406.8	AVG 43.03 43.2	MIN 41.1 41.4	MAX 45.2 45.3
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23	967.8 970.8 977.3	3 SOX(m MIN 943.4 947.3 939.4	g/nm3) MAX 994.9 997.5 997.9	UNIT# AVG 395.3 396.4 398.9	3 NOX(m MIN 385.6 387.2 384.5	MAX 406.1 406.8 406.8	43.03 43.2 43.76	MIN 41.1 41.4 41	MAX 45.2 45.3 45.3
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38	967.8 970.8 977.3 975.4	3 SOX(m MIN 943.4 947.3 939.4 951	g/nm3) MAX 994.9 997.5 997.9 994.9	UNIT# AVG 395.3 396.4 398.9 398.1	3 NOX(m MIN 385.6 387.2 384.5 388.2	g/nm3) MAX 406.1 406.8 406.8	43.03 43.2 43.76 43.59	41.1 41.4 41 41 41.6	45.2 45.3 45.3 45.2
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78	UNIT# AVG 967.8 970.8 977.3 975.4 967.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1	UNIT# AVG 395.3 396.4 398.9 398.1 395.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9	g/nm3) MAX 406.1 406.8 406.8 406	AVG 43.03 43.2 43.76 43.59 42.94	41.1 41.4 41 41 41.6 40.9	45.2 45.3 45.3 45.2 44.8
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45	UNIT# AVG 967.8 970.8 977.3 975.4 967.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386	g/nm3) MAX 406.1 406.8 406.8 406.8 404.5 402.3	43.03 43.2 43.76 43.59 42.94 42.98	MIN 41.1 41.4 41 41.6 40.9 41.1	MAX 45.2 45.3 45.3 45.2 44.8 44.4
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6	g/nm3) MAX 406.1 406.8 406.8 406.8 404.5 402.3 407	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4	g/nm3) MAX 406.1 406.8 406.8 406.4 404.5 402.3 407 404.5	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2	NIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 388.6 386.4	9/nm3) MAX 406.1 406.8 406.8 406.8 404.5 402.3 407 404.5 402.3	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.4	9/nm3) MAX 406.1 406.8 406.8 406.5 402.3 407 404.5 402.3 404.4	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9	NIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6
1 2 3 4 5 6 7 8 9 10 11	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990	NIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1	9/nm3) MAX 406.1 406.8 406.8 406.4 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990 996.3	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990 996.3 979.2	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1 354.3 383.8	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4 40.7	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990 996.3	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 383.8 365.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14	967.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1 354.3 383.8	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1 44.6 45.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 993.9	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 383.8 365.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7 406.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4 40.7 36.7	MAX 45.2 45.3 45.3 45.3 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1 44.6 45.1 45.3
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 839.5	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990.3 979.2 986.3 993.9 997 999.1 993.7 994.4 994.6 990.8 990.9	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 377 377 377 3775 375.9 384.9 382.9 384.3	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386.3 386.4 386.2 377.3 370 374.1 354.3 383.8 365.3 387 366.9 352.9 352.5 353.9 354.4 357.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7 406.7 407.2 405.4 405.6 402.4 405.8 404.2 404.4 404.5	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.4 35.1 34.3 34.1 34.6	## MAX 45.2 45.3 45.2 44.4 45.4 44.4 44.4 44.4 44.6 44.7 45.3 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.8 44.8 44.8 44.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990.3 979.2 986.3 993.9 997 994.4 994.6 990.8 990.9 990.2 997	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 377 377 377 377 375.9 384.9 382.9 383.7 384.3	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386.3 386.4 386.2 377.3 370 374.1 354.3 383.8 365.3 387 366.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 405.7 406.7 407.2 405.4 405.6 402.4 405.8 404.2 404.4 404 406.5 401.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.73 41.97	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.4 35.1 34.3 34.1 34.6 37	MAX 45.2 45.3 45.2 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.6 44.7 45.3 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.8 44.8 44.8 44.5 44.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21 28-Jul-21	WIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13 577.05	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952 944.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5 839.5 839.5 837.3 844.1 885.3 888.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 993.9 997 999.1 993.7 994.4 994.6 990.8 990.9 990.2 997 984.4 980.5	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 373 375.9 384.9 382.9 383.7 384.3 390.6 388.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 365.3 365.3 365.3 365.9 352.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7 406.7 407.2 405.4 405.8 402.4 405.8 404.2 404.4 404 406.5 401.7 401.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73 41.49	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.1 34.3 34.1 34.6 37 37.5	MAX 45.2 45.3 45.2 45.3 45.2 44.8 44.4 45.4 44.3 44.4 44.6 45.1 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.5 44.8 44.8 44.5 44.5 44.5 44.5 44.5 44.5 44.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21 28-Jul-21 29-Jul-21	AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13 577.05 596.8	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952 944.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5 849.5 849.5 849.5 849.1	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 979.2 986.3 993.9 997 994.4 994.6 990.8 990.9 990.2 997 984.4 980.5	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 373 375.9 384.9 382.9 383.7 384.3 390.6 388.2 388.4	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386.3 386.4 386.2 377.3 370 374.1 354.3 365.3 365.3 365.3 365.9 352.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 405.7 406.7 407.2 405.4 405.6 402.4 405.8 404.2 404.4 406.5 401.7 402.9	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73 41.49 41.55	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.1 34.3 34.1 34.6 37 37.5 39.7	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 45.1 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21 28-Jul-21	WIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13 577.05	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952 944.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5 839.5 839.5 837.3 844.1 885.3 888.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 993.9 997 999.1 993.7 994.4 994.6 990.8 990.9 990.2 997 984.4 980.5	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 373 375.9 384.9 382.9 383.7 384.3 390.6 388.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 365.3 365.3 365.3 365.9 352.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7 406.7 407.2 405.4 405.8 402.4 405.8 404.2 404.4 404 406.5 401.7 401.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73 41.49	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.1 34.3 34.1 34.6 37 37.5	MAX 45.2 45.3 45.2 45.3 45.2 44.8 44.4 45.4 44.3 44.4 44.6 45.1 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.5 44.8 44.8 44.5 44.5 44.5 44.5 44.5 44.5 44.2

		CEMS DA	YWISE VA	ALUES FO	R THE M	ONTH OF	AUG '202	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)	UNIT#	2 SOX(m	g/nm3)	UNIT#	2 NOX(m	g/nm3)	UNIT# 2 I	DUST(m	g/nm3)
5.NO.	DATE	AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	WIN	MAX
1	01-Aug-21	539.42	921.2	851.6	956.4	380.3	358	393.7	39.81	35.1	42.4
2	02-Aug-21	524.77	920.2	884.5	958.8	380.4	367.7	394.5	39.79	37.2	42.7
3	03-Aug-21	529.56	924.6	892.9	954.4	381.7	369.9	392	40.18	37.7	42.5
4	04-Aug-21	557.38	935.9	902.7	962.8	385.5	373.2	396	40.86	38.4	43
5	05-Aug-21	529.47	922.4	894.7	956.1	381.1	370.5	394	39.98	37.9	42.6
6	06-Aug-21	515.06	919.8	898.7	946	380.5	372.4	390.8	39.77	37.9	41.8
7	07-Aug-21	525.62	922.5	899.7	943.5	381.2	373.1	389.7	40.01	38.1	41.7
8	08-Aug-21	561.22	937.7	904.1	968.9	386	373.6	397.4	41.01	38.5	43.4
9	09-Aug-21	552.27	938.3	901.2	965.3	386.7	372.7	396.8	41.13	38.3	43.2
10	10-Aug-21	581.35	951.8	912.4	982.2	391	376.6	401.8	42.06	39.1	44.6
11	11-Aug-21	575.97	940.5	912.2	975.8	386.8	376.4	399.4	41.27	39.1	44.3
12	12-Aug-21	588.57	947.9	910	973.4	389.2	375.3	398.7	41.71	38.9	43.6
13	13-Aug-21	563.64	932.8	907.4	964.8	384.2	374.4	396.7	40.66	38.7	43.2
14	14-Aug-21	579.83	947.5	918.1	973.2	389.3	377.8	399.1	41.72	39.4	43.7
15	15-Aug-21	571.62	941.2	919.3	965.8	387.1	378.2	397	41.28	39.5	43.2
16	16-Aug-21	549.97	932	915.6	959.3	384.2	377.4	395	40.63	39.3	42.8
17	17-Aug-21	568.86	941.7	921.9	963.3	387.3	379.6	395.2	41.34	39.8	42.9
18	18-Aug-21	555.45	934.4	875.1	965.2	385	364.7	396.7	40.84	37	43.2
19	19-Aug-21	570.53	936.7	911.9	962.7	385.3	376.3	395.4	40.92	39.1	42.9
20	20-Aug-21	591.75	953.1	911.9	975.5	391.2	376.9	399.8	42.17	39.5	43.9
21	21-Aug-21	567.97	934.9	904.8	964.4	384.9	373.7	396.3	40.78	38.5	43.1
22	22-Aug-21	529.21	928.3	902.5	954.4	383.5	373.4	393.1	40.43	38.6	42.2
23	23-Aug-21	534.39	933.3	905.3	953.5	385.2	374.3	392.4	40.83	38.9	42.3
24	24-Aug-21	582.06	948.8	919.2	973.6	389.6	378.3	399.3	41.79	39.5	43.7
25	25-Aug-21	608.95	950.5	927.5	984.4	389.6	381.1	402.8	41.79	40.1	44.5
26	26-Aug-21	569.31	940.9	909.7	978.9	387.2	375.4	400.8	41.82	38.9	44.1
27	27-Aug-21	585.21	947.3	921.3	966.5	389.1	378.9	397.2	41.67	39.6	43.1
28	28-Aug-21	643.69	971.5	951.4	993	396.8	388.7	405.3	43.32	41.3	45.1
29	29-Aug-21	646.95	968.1	945.8	991.9	395.3	386.5	404.8	42.99	41.1	45.1
30	30-Aug-21	644.73	964.8	935.8	996.1	394.1	383.3	404.8	42.78	40.9	45.2
31	31-Aug-21	625.51	961.9	938.2	992.1	393.6	384.1	403.8	42.78	40.7	44.9
	21 / lug 21	020,01									
									72.07	40.7	77.5
	1	CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	SEP '202	21			ı
S.NO.	DATE	CEMS DA UNIT# 3 LOAD(MW)	YWISE VA	ALUES FO 3 SOX(m	R THE M g/nm3)	ONTH OF UNIT#	SEP '202 3 NOX(m	21 g/nm3)	UNIT# 3 (DUST(m	g/nm3)
		CEMS DA UNIT# 3 LOAD(MW) AVG	YWISE VA UNIT# AVG	3 SOX(m MIN	OR THE M g/nm3) MAX	ONTH OF UNIT# AVG	SEP '202 3 NOX(m MIN	21 g/nm3) MAX	UNIT# 3 I	OUST(m	g/nm3) MAX
1	01-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75	YWISE VAUNIT# AVG 932.7	3 SOX(m MIN 905.6	DR THE M g/nm3) MAX 950	ONTH OF UNIT# AVG 306.8	SEP '202 3 NOX(m MIN 281.7	g/nm3) MAX 339.4	UNIT# 3 I AVG 42.57	OUST(mg MIN 40.4	g/nm3) MAX 44.7
1 2	01-Sep-21 02-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92	YWISE V/ UNIT# AVG 932.7 929.8	3 SOX(m MIN 905.6 902.5	PR THE M g/nm3) MAX 950 949.8	ONTH OF UNIT# AVG 306.8 304.2	SEP '202 3 NOX(m MIN 281.7 280.6	g/nm3) MAX 339.4 333.1	UNIT# 3 I AVG 42.57 41.99	OUST(mg MIN 40.4 39.6	g/nm3) MAX 44.7 44.1
1 2 3	01-Sep-21 02-Sep-21 03-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5	YWISE V/ UNIT# AVG 932.7 929.8 925.2	3 SOX(m MIN 905.6 902.5 900.4	950 949.8 942.8	ONTH OF UNIT# AVG 306.8 304.2 310.4	3 NOX(m MIN 281.7 280.6 282.2	g/nm3) MAX 339.4 333.1 338	UNIT# 3 I AVG 42.57 41.99 42.29	MIN 40.4 39.6 39.5	g/nm3) MAX 44.7 44.1 44.7
1 2 3 4	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51	YWISE VA UNIT# AVG 932.7 929.8 925.2 929.4	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9	9/nm3) MAX 950 949.8 942.8 947.7	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3	g/nm3) MAX 339.4 333.1 338 336.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65	MIN 40.4 39.6 39.5 39.6	g/nm3) MAX 44.7 44.1 44.7 43.4
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3	942.8 949.6	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4	g/nm3) MAX 339.4 333.1 338 336.9 338.6	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63	DUST(m MIN 40.4 39.6 39.5 39.6 40.6	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1	949.8 949.8 949.8 949.8 947.7 949.6	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9	MIN 40.4 39.6 39.5 39.6 40.6 40.1	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1
1 2 3 4 5 6	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7	949.8 947.7 949.6 948.5	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842	949.8 947.7 949.6 945.3	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2	949.8 947.7 949.6 949.6 949.6 948.5 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8	949.8 949.8 947.7 949.6 949.6 948.5 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2	949.8 949.8 947.7 949.6 949.6 948.5 945.3 948.4 946.5	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8
1 2 3 4 5 6 7 8 9 10 11	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6	949.8 949.8 947.7 949.6 949.6 948.5 948.5 948.4 948.4 948.4 946.5	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8
1 2 3 4 5 6 7 8 9 10 11 12	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 13-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7	949.6 948.5 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 925.2	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1	949.6 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 282.6 283.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8 39.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 925.2 928.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4	949.8 949.8 947.7 949.6 949.6 948.5 948.3 948.4 948.4 948.4 946.5 948.8 941.2 949	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 282.6 282.6 283.7 283.7	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.3 339.5 339.1 336.4	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8 39.7 37.3	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 43.6 44.1 42.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 929.5 929.4	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7	949.6 948.4 948.4 948.4 948.4 948.5 948.4 948.4 948.4 948.4 948.4 948.4 948.5 948.8 948.8 948.8	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285 281.7 282.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.2 339.2 339.3 336.4 335.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9	DUST(m, MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2	949.6 948.8 949.6 949.6 949.6 949.6 948.5 948.4 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1 336.4 335.2 331.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8 39.7 37.3 36.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 25-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4	949.6 948.8 947.7 949.6 949.8 947.7 949.6 948.5 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 282.3 285.9 285.9 285.2 281.8 281.7	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 37.4 38.79 38.79 38.26 39.93 40.68 40.32 39.79	DUST(m) 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.7 36.7 37.2 39.1 38.1 37.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 11-Sep-21 12-Sep-21 12-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 26-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8	949.6 948.6 949.6 948.6 949.6 948.7 949.6 948.7 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84	DUST(my MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.5 37.2 39.1 38.1 37.7 36.5	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.1 42.3 42.6 41.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21 27-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76 492.21	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905 910.6	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8	949.6 948.6 949.6 948.6 949.6 948.7 949.6 948.7 949.6 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6 318.3	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4 281.3	g/nm3) MAX 339.4 3339.4 3336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338.3 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.3 339.8 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84 39.27	DUST(m) 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.3 37.2 39.1 38.1 37.7 36.5 37.2	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.6 41.2 41.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21 28-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76 492.21 494.85	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8 883.2 855.6	949.6 948.6 949.6 948.7 949.6 948.5 948.4 948.4 946.5 948.8 941.2 949.6 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2 932.9 942	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6 318.3 310.2	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4 281.3 281.8	g/nm3) MAX 339.4 3339.4 3338.3 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.9 338.3 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84 39.27 39.31	DUST(my MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.5 37.2 35.1 37.2 35.5	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.6 41.6 42.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21 27-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76 492.21	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905 910.6	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8	949.6 948.6 949.6 948.6 949.6 948.7 949.6 948.7 949.6 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6 318.3	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4 281.3	g/nm3) MAX 339.4 3339.4 3336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338.3 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.3 339.8 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84 39.27	DUST(m) 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.3 37.2 39.1 38.1 37.7 36.5 37.2	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.6 41.2 41.6

		CEMS D	AYWISE V	ALUES FO	OR THE M	ONTH OF	APR '202	21			
S.NO.	DATE	UNIT# 4 LOAD(MW)	UNIT#	4 SOX(m	g/nm3)	UNIT#	4 NOX(m	ig/nm3)	UNIT#	4 DUST	(mg/nm3)
3.110.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Apr-21	500.8	916.4	881.8	942.5	270.3	256.0	282.5	44.0	41.2	46.5
2	02-Apr-21	483.2	911.3	893.1	942.5	269.1	260.3	282.5	43.8	42.1	46.5
3	03-Apr-21	483.4	910.9	879.8	932.8	268.8	254.0	278.9	43.8	40.8	45.8
4	04-Apr-21	462.5	902.5	880.3	939.5	266.4	255.5	281.8	43.3	41.0	46.4
5	05-Apr-21	555.5	938.2	881.0	981.5	276.4	256.3	293.1	45.3	41.3	48.6
6	06-Apr-21	577.8	941.2	901.7	983.1	277.2	264.3	292.6	45.4	42.9	48.5
7	07-Apr-21	582.4	943.9	915.6	971.5	277.7	264.9	290.7	45.5	43.0	48.1
8	08-Apr-21	542.3	925.2	876.1	963.4	271.8	253.5	289.3	44.4	40.7	47.9
9	09-Apr-21	532.4	926.5	893.1	955.4	273.1	258.0	286.5	44.6	41.6	47.3
10	10-Apr-21	561.3	941.0	906.8	977.2	277.8	263.4	292.3	45.5	43.0	48.5
11	11-Apr-21	552.4	929.1	876.8	967.3	272.7	254.0	288.7	44.6	40.8	47.7
12	12-Apr-21	552.8	935.9	913.1	966.4	276.1	264.0	289.6	45.2	42.8	47.9
13	13-Apr-21	540.7	926.8	900.6	957.0	272.5	260.3	286.2	44.5	42.1	47.2
14	14-Apr-21	552.4	942.6	891.4	965.8	279.5	259.6	289.4	45.9	41.9	47.9
15	15-Apr-21	572.8	942.4	916.7	968.3	277.9	267.2	289.8	45.6	43.4	48.0
16	16-Apr-21	542.5	930.5	895.1	961.6	274.3	263.2	287.9	44.8	42.6	47.6
17	17-Apr-21	582.4	949.5	917.1	978.8	280.4	266.8	292.9	46.1	43.4	48.6
18	18-Apr-21	564.2	940.8	887.5	969.0	277.3	259.8	290.3	45.5	42.0	48.1
19	19-Apr-21	519.7	921.0	872.6	978.2	271.4	252.1	291.9	44.3	40.4	48.8
20	20-Apr-21	552.1	929.3	875.8	983.2	273.3	253.1	294.5	44.6	40.6	49.0
21	21-Apr-21	565.3	934.3	876.6	992.3	274.5	253.8	296.7	44.9	40.5	49.3
22	22-Apr-21	570.9	945.4	897.0	982.6	279.5	261.1	293.9	45.8	42.2	48.8
23	23-Apr-21	585.1	949.1	919.4	971.0	280.2	265.9	290.9	46.0	43.2	47.9
24	24-Apr-21	570.7	942.1	899.2	972.3	277.9	261.0	291.4	45.6	42.2	48.3
25	25-Apr-21	559.2	938.9	882.2	978.9	277.3	255.7	292.5	45.5	41.1	48.5
26	26-Apr-21	596.1	945.2	927.0	971.6	277.4	269.0	291.5	45.5	43.8	48.3
27	27-Apr-21	613.5	959.8	935.6	984.7	283.3	273.3	294.2	46.7	44.7	48.8
28	28-Apr-21	571.7	936.9	892.7	974.6	275.4	259.6	289.3	45.1	41.9	47.9
29	29-Apr-21	540.2	929.8	901.5	959.3	274.0	261.8	287.3	44.8	42.2	47.5
30	30-Apr-21	571.6	938.8	909.5	973.2	276.2	264.9	291.1	45.2	43.3	47.8
			AYWISE V								
S.NO.	DATE	UNIT# 4 LOAD(MW)		4 SOX(m			4 NOX(m	-		4 DUS1	
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-May-21	AVG 493.03	AVG 908.2	MIN 854	MAX 961.8	AVG 402.4	MIN 383.7	MAX 422.3	AVG 38.4	MIN 34.9	MAX 42.4
1 2	01-May-21 02-May-21	AVG 493.03 511.37	AVG 908.2 920.5	MIN 854 855.7	MAX 961.8 976.4	AVG 402.4 407.1	MIN 383.7 384.7	MAX 422.3 427.7	AVG 38.4 39.2	MIN 34.9 35.1	MAX 42.4 42.65
1 2 3	01-May-21 02-May-21 03-May-21	AVG 493.03 511.37 509.78	908.2 920.5 919.1	MIN 854 855.7 851.2	MAX 961.8 976.4 961.1	AVG 402.4 407.1 406	MIN 383.7 384.7 381.3	MAX 422.3 427.7 422.5	AVG 38.4 39.2 39	MIN 34.9 35.1 34.4	MAX 42.4 42.65 42.32
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	AVG 493.03 511.37 509.78 593.88	908.2 920.5 919.1 944.3	MIN 854 855.7 851.2 917	961.8 976.4 961.1 965.7	402.4 407.1 406 414	MIN 383.7 384.7 381.3 401.9	MAX 422.3 427.7 422.5 423.8	38.4 39.2 39 40.4	MIN 34.9 35.1 34.4 38.1	MAX 42.4 42.65 42.32 42.37
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	AVG 493.03 511.37 509.78 593.88 601.57	908.2 920.5 919.1 944.3 944.6	MIN 854 855.7 851.2 917 926.6	MAX 961.8 976.4 961.1 965.7 963.6	402.4 407.1 406 414 413.6	MIN 383.7 384.7 381.3 401.9 404.8	MAX 422.3 427.7 422.5 423.8 423.2	38.4 39.2 39 40.4 40.4	MIN 34.9 35.1 34.4 38.1 38.6	MAX 42.4 42.65 42.32 42.37 42.14
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66	908.2 920.5 919.1 944.3 944.6 949.4	MIN 854 855.7 851.2 917 926.6 929.4	MAX 961.8 976.4 961.1 965.7 963.6 973.1	AVG 402.4 407.1 406 414 413.6 415.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7	MAX 422.3 427.7 422.5 423.8 423.2 426.7	38.4 39.2 39 40.4 40.4 40.7	MIN 34.9 35.1 34.4 38.1 38.6 39	MAX 42.4 42.65 42.32 42.37 42.14 42.93
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06	908.2 920.5 919.1 944.3 944.6 949.4	MIN 854 855.7 851.2 917 926.6 929.4 923.3	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9	AVG 402.4 407.1 406 414 413.6 415.6 414.4	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424	AVG 38.4 39.2 39 40.4 40.4 40.7 40.6	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19
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1 2 3 4 5 6 7 8 9 10 11	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64
1 2 3 4 5 6 7 8 9 10 11 12	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40.4	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 18-May-21 19-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 19-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 406.1 397.7 378.2 dition dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cord down cord down cord down cord down cord down cord	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 406.1 397.7 378.2 dition dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cord down cord down cord down cord down cord down cord	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 406.1 397.7 378.2 dition dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition dition dition dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 hit in shuthit in shut	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition dition dition dition dition dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 21-May-21 22-May-21 22-May-21 23-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 978.6 982.5 875.7 hit in shuthit in shut	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 21-May-21 22-May-21 22-May-21 23-May-21 23-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 978.6 982.5 875.7 hit in shuthit in shut	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 988.9 978.6 982.5 875.7 hit in shuthit i	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 988.9 978.6 982.5 875.7 hit in shuthit i	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition edition edi	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 hit in shuthit in shu	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition edition e	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 hit in shuthit in shu	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5

		CEMS DAYWISE VALUES FOR THE MONTH OF JUN '2021 UNIT# 4 LOAD(MW) UNIT# 4 SOX(mg/nm3) UNIT# 4 NOX(mg/nm3) UNIT# 4 DUST(mg/nm3)									
S.NO.	DATE							<u> </u>			<u>, , , , , , , , , , , , , , , , , , , </u>
		AVG	AVG	WIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
2	01-Jun-21				nit in shut						
3	02-Jun-21 03-Jun-21				nit in shut nit in shut						
4	03-Jun-21 04-Jun-21				nit in shut						
5	05-Jun-21				nit in shut						
6	06-Jun-21				nit in shut						
7	07-Jun-21				nit in shut						
8	08-Jun-21				nit in shut						
9	09-Jun-21				nit in shut						
10	10-Jun-21				nit in shut						
11	11-Jun-21				nit in shut						
12	12-Jun-21			Uı	nit in shut	down cor	ndition				
13	13-Jun-21			Uı	nit in shut	down cor	ndition				
14	14-Jun-21			Uı	nit in shut	down cor	ndition				
15	15-Jun-21			Uı	nit in shut	down cor	ndition				
16	16-Jun-21	221.7	899.4	842	955.7	399	377.6	419.7	41.4	38.2	44.99
17	17-Jun-21	473.15	899.5	838.7	953.8	398.9	376.7	418.9	43	38.6	45.86
18	18-Jun-21	545.38	912.6	837.9	950.7	402.5	375.9	418.6	45.4	40.7	48.04
19	19-Jun-21	489.46	906.7	841.7	974.9	402.1	376.8	427.5	44	39.5	48.68
20	20-Jun-21	526.14 575.50	919.4	846.7	974.7	406	379.4	427.4	44.5	38.4	49.05
21 22	21-Jun-21 22-Jun-21	575.58 584.31	934.7 936.7	844.4 864.4	968.2 964	411.3 412.1	378.8 389	424.7 423.1	46 45.5	41.4 38.9	49.26 48.24
23	23-Jun-21	517.12	924.2	875.8	971.3	408.4	393.8	425.1	44.7	38.8	48.77
24	24-Jun-21	559.49	919.6	861.7	968.5	405.5	383.4	425.1	45.2	41.5	49.08
25	25-Jun-21	566.88	937.3	899.5	972.8	411.4	398.5	426.8	45.6	41.6	48.36
26	26-Jun-21	583.81	944.5	883.2	977.1	414.5	391	427.6	45.4	42.1	47.98
27	27-Jun-21	477.48	901.5	858.3	947.1	400.1	386	416.8	43.3	38.7	47.77
28	28-Jun-21	528.41	914.4	855.1	957.3	404.9	384.5	421.3	44.2	38.6	48.68
29	29-Jun-21	550.82	936.5	914.5	956.9	411.4	401.5	421.2	44.8	42.3	47.61
30	30-Jun-21	546.16	930.6	902.1	960.9	409.4	397.1	420.7	45.1	42.7	48.61
		CEMS D	ATWISE V	ALUES FO	JK IHE M	UNIHUF	JUL ZUZ	21			
ı					n/nm3)				LINIT#	4 DUST	r(ma/nm3)
S.NO.	DATE	UNIT# 4 LOAD(MW)	UNIT#	4 SOX(m		UNIT#	4 NOX(m	ig/nm3)			r(mg/nm3) MAX
S.NO .	DATE 01-Jul-21				g/nm3) MAX 971.1				UNIT# AVG 40.5	4 DUST MIN 38.7	MAX
		UNIT# 4 LOAD(MW) AVG	UNIT#	4 SOX(m MIN	MAX	UNIT#	4 NOX(m MIN	g/nm3) MAX	AVG	MIN	
1	01-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71	UNIT# AVG 944.9 943.5 953.3	4 SOX(m MIN 926.4 920.2 933.3	MAX 971.1 961 978.5	UNIT# AVG 414.1 413.6 417.5	4 NOX(m MIN 405.3 402.8 408.5	MAX 426	40.5 40.4 41.1	MIN 38.7 38.2 39.2	MAX 42.8 42.22 43.25
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64	UNIT# AVG 944.9 943.5 953.3 941.9	4 SOX(m MIN 926.4 920.2 933.3 915.4	971.1 961 978.5 969.7	UNIT# AVG 414.1 413.6 417.5 413.3	4 NOX(m MIN 405.3 402.8 408.5 401.5	MAX 426 422 428.5 425.6	40.5 40.4 41.1 40.4	MIN 38.7 38.2 39.2 38	MAX 42.8 42.22 43.25 42.73
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39	UNIT# AVG 944.9 943.5 953.3 941.9 949.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2	MAX 971.1 961 978.5 969.7 976.8	UNIT# AVG 414.1 413.6 417.5 413.3 414.9	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9	max 426 422 428.5 425.6 427.1	40.5 40.4 41.1 40.4 40.6	MIN 38.7 38.2 39.2 38 38.3	MAX 42.8 42.22 43.25 42.73 43.01
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926	MAX 971.1 961 978.5 969.7 976.8 976.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4	40.5 40.4 41.1 40.4 40.6 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7	MAX 42.8 42.22 43.25 42.73 43.01 43.05
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8	MAX 971.1 961 978.5 969.7 976.8 976.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1	AVG 40.5 40.4 41.1 40.4 40.6 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8	MAX 971.1 961 978.5 969.7 976.8 976.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1	AVG 40.5 40.4 41.1 40.4 40.6 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.9 40.7	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54
1 2 3 4 5 6 7 8 9 10 11	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13
1 2 3 4 5 6 7 8 9 10 11 12	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.3	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.3 38.2 37.1	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.3 38.2 37.1 38.1	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 968.7	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 38.1	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7 33.6	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 968.7	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6 423.3	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 38.1 39	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7 33.6 34.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 886.7	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 968.7 965.4	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6 423.3 415.4	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.3 39.6 37	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7 33.6 34.3 33.8	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 968.7	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 378.1	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6 423.3	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 38.1 39	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7 33.6 34.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54 471.51 459.02 449.53 442.57 480.63	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 866.6 857.9 873.6 900.2 890.4 884.6 885.5	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9 837.6 839.2 838.9 840.7 846.8 838.2 839.3	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 966.5 943.9 967.5 965.4 949.1 923.5 908.2 892.7 949.8 964.2 948.1 946.8 956.2 959.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5 399.6 396.3 394.5 399.7	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8 375.7 376.3 376.3	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6 423.3 415.4 407.6 403.9 398.6 419 423.4 417.5 414.3 417.8 421.8	AVG 40.5 40.4 41.1 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4 37.9 37.2 36.9 37.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 37.6 37.8 35.2 33.3 33.4 33.5 33.5 33.5 33.5 33.4 33.4 33.4 33.6	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54 42.32 41.2 40.86 41.13 42.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 28-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54 471.51 459.02 449.53 442.57 480.63 462.88	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 866.6 857.9 873.6 900.2 890.4 884.6 885.5 900.2	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9 837.6 839.2 838.9 840.7 846.8 838.2 839.3	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 965.4 949.1 923.5 908.2 892.7 949.8 964.2 948.1 946.8 956.2 959.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5 399.6 396.3 394.5 399.7 396.3	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8 375.7 376.3 376.3 376.3	MAX	AVG 40.5 40.4 41.1 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4 37.9 37.2 36.9 37.9 37.2	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 37.6 37.8 35.2 33.3 33.4 33.5 33.5 33.5 33.5 33.4 33.4 33.6 34.3 33.4 33.6 34.3 33.4 33.6 34.3	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54 42.32 41.2 40.86 41.13 42.02 41.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 28-Jul-21 29-Jul-21	NIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54 471.51 459.02 449.53 442.57 480.63 462.88 479.82	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 866.6 857.9 873.6 900.2 890.4 884.6 885.5 900.2	## SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9 837.6 839.2 838.9 840.7 846.8 838.2 839.3 837.1 839.1 839.1	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 961.5 943.9 967.5 965.4 949.1 923.5 908.2 892.7 949.8 964.2 948.1 946.8 956.2 959.5 956.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5 399.6 396.3 394.5 399.7 396.3 400	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8 375.7 376.3 376.3 376.3 376.3	MAX	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4 37.9 37.2 36.9 37.9 37.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 37.6 37.8 35.2 33.3 33.4 33.5 33.5 33.5 33.5 33.4 33.4 33.6 34.3 33.4 33.6 34.3 33.4 33.4 33.4 33.4 33.4	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54 42.32 41.2 40.86 41.13 42.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 28-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54 471.51 459.02 449.53 442.57 480.63 462.88	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 866.6 857.9 873.6 900.2 890.4 884.6 885.5 900.2	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9 837.6 839.2 838.9 840.7 846.8 838.2 839.3	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 965.4 949.1 923.5 908.2 892.7 949.8 964.2 948.1 946.8 956.2 959.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5 399.6 396.3 394.5 399.7 396.3	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8 375.7 376.3 376.3 376.3	MAX	AVG 40.5 40.4 41.1 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4 37.9 37.2 36.9 37.9 37.2	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 37.6 37.8 35.2 33.3 33.4 33.5 33.5 33.5 33.5 33.4 33.4 33.6 34.3 33.4 33.6 34.3 33.4 33.6 34.3	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54 42.32 41.2 40.86 41.13 42.02 41.9 41.04

					OR THE M						
S.NO.	DATE	UNIT# 4 LOAD(MW)		4 SOX(m			4 NOX(m	-			r(mg/nm3)
		AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	MIN	MAX
1	01-Aug-21	436.37	882.7	835.8	940.6	393.3	374.9	416.1	36.6	33.2	40.74
2	02-Aug-21	446.03	889.8	857.9	915.5	395.8	385.4	405.8	37.1	35.1	38.8
3	03-Aug-21	491.88	907.3	859.3	940	401.8	386.2	415.7	38.2	35.2	40.6
4	04-Aug-21	544.92	924.1	900.8 894.3	948.8	406.8	397	417.5	39.1	37.2	41.07
5	05-Aug-21	524.92	918.5		944.8	405.5	395.3	417.2	38.9	36.5	41.19
6 7	06-Aug-21 07-Aug-21	528.89 542.04	918.9 929.8	898.8 906.6	941.9 958.9	405.3 410	396.6 398.3	416.5 422.2	38.8 39.8	37.1 37.4	41.08 42.13
8	07-Aug-21 08-Aug-21	529.49	917.5	897.1	931.8	404.7	396.2	413.2	38.7	37.4	40.49
9	08-Aug-21	545.27	921.5	900.4	951.8	404.7	396.2	419.9	38.9	37.1	41.69
10	10-Aug-21	563.39	933.4	899.9	965	410.2	396.2	423.9	39.8	37	42.41
11	11-Aug-21	543.79	928.5	887.5	961.5	409.5	392.4	422.2	39.7	36.4	42.41
12	12-Aug-21	553.2	932.2	904.2	954.6	410.4	397.9	420.4	39.8	37.4	41.83
13	13-Aug-21	536.25	920.5	891.1	946.1	405.9	394.2	416.6	39	36.7	41.11
14	14-Aug-21	523.86	921.2	898.2	943.2	406.8	396.1	416.8	39.2	37.1	41.13
15	15-Aug-21	517.52	914.6	874.1	948.1	404.1	388.6	417.7	38.6	35.7	41.26
16	16-Aug-21	523.56	919.6	889.2	951.1	406.3	394.7	418.7	39.1	36.9	41.76
17	17-Aug-21	544.44	922.8	891	967.3	406.2	395.9	424	39	37	42.11
18	18-Aug-21	478.39	899.1	865.9	948.6	399	385.8	417.7	37.7	35.2	41.24
19	19-Aug-21	466.6	899.3	839.3	932.4	399.9	376.5	412.8	37.7	33.5	40.38
20	20-Aug-21	494.01	909.6	885.7	927.5	403	391.4	410.9	38.5	36.2	40.01
21	21-Aug-21	479.3	900.5	851.8	936.6	399.4	381.7	414.7	37.8	34.5	40.74
22	22-Aug-21	454.81	891.4	838.6	933.6	396.7	376.2	413.4	37.3	33.4	40.81
23	23-Aug-21	434.61	882.2	848.7	930.3	393.5	379.1	412.7	36.8	33.9	40.4
24	24-Aug-21	393.08	869.8	841.1	913.4	389.7	377.2	407.2	36.1	33.6	39.4
25	25-Aug-21	463.65	897.9	844.3	927	399.1	378.1	411.1	37.8	33.8	40.08
26	26-Aug-21	516.36	919.4	900.1	941.5	406.2	396.6	416.3	39	37.1	41.05
27	27-Aug-21	544.86	923.7	905.5	946.1	406.8	398.1	417.3	39.1	37.5	41.31
28	28-Aug-21	515.54	913.7	886.7	945.5	403.9	391.5	417.5	38.6	36.2	41.3
29	29-Aug-21	547.95	927	895.1	969.4	408.3	394.5	425.3	39.4	36.7	42.67
30	30-Aug-21	535.5	925.6	903.2	946.9	408.3	397.2	417.7	39.4	37.2	41.27
31	31-Aug-21	E 2 2 71	047.4		1					ו	
٠.	JI Aug ZI	522.71	917.4	868.4	950	405.2	388.6	418.7	38.9	35.7	41.72
٠,٠	JI AUG ZI	CEMS D	AYWISE V	ALUES FO	R THE M	ONTH OF	SEP '202	1		l	
S.NO.		CEMS D	AYWISE V UNIT#	ALUES FO 4 SOX(m	OR THE M g/nm3)	ONTH OF UNIT#	SEP '202 4 NOX(m	21 g/nm3)	UNIT#	4 DUS	r(mg/nm3)
S.NO.	DATE	CEMS D. UNIT# 4 LOAD(MW) AVG	AYWISE V UNIT# AVG	ALUES FO 4 SOX(m MIN	OR THE M g/nm3) MAX	ONTH OF UNIT# AVG	SEP '202 4 NOX(m MIN	g/nm3) MAX	UNIT#	4 DUST	r(mg/nm3) MAX
S.NO .	DATE 01-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23	AYWISE V UNIT# AVG 920.9	ALUES FO 4 SOX(m MIN 894.7	OR THE M g/nm3) MAX 938.1	ONTH OF UNIT# AVG 310.4	SEP '202 4 NOX(m MIN 279.9	g/nm3) MAX 332.9	UNIT# AVG 39.2	4 DUS MIN 36.8	(mg/nm3) MAX 40.42
S.NO. 1 2	DATE 01-Sep-21 02-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93	AYWISE V UNIT# AVG 920.9 929.1	ALUES FO 4 SOX(m MIN 894.7 910.9	OR THE M g/nm3) MAX 938.1 946.8	ONTH OF UNIT# AVG 310.4 308	SEP '202 4 NOX(m MIN 279.9 281.3	g/nm3) MAX 332.9 337.6	UNIT# AVG 39.2 39.6	64 DUST MIN 36.8 38.1	(mg/nm3) MAX 40.42 41.02
\$.NO. 1 2 3	DATE 01-Sep-21 02-Sep-21 03-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56	AYWISE V UNIT# AVG 920.9 929.1 923.1	ALUES FO 4 SOX(m MIN 894.7 910.9 898.5	938.1 946.8 949.8	ONTH OF UNIT# AVG 310.4 308 310.2	4 NOX(m MIN 279.9 281.3 279.8	g/nm3) MAX 332.9 337.6 338.4	UNIT# AVG 39.2 39.6 39.3	* 4 DUST MIN 36.8 38.1 37.2	MAX 40.42 41.02 41.43
\$.NO. 1 2 3 4	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9	ALUES FO 4 SOX(m MIN 894.7 910.9 898.5 904.2	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3	ONTH OF UNIT# AVG 310.4 308 310.2 308.6	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9	g/nm3) MAX 332.9 337.6 338.4 338.9	UNIT# AVG 39.2 39.6 39.3 39.1	MIN 36.8 38.1 37.2 37.5	MAX 40.42 41.02 41.43 41.09
\$.NO. 1 2 3 4 5	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6	ALUES FO 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5	938.1 946.8 944.3 938.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9	UNIT# AVG 39.2 39.6 39.3 39.1 38.2	36.8 38.1 37.2 37.5 33.9	MAX 40.42 41.02 41.43 41.09 40.38
\$.NO. 1 2 3 4 5 6	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1	* 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2	MAX 40.42 41.02 41.43 41.09 40.38 42.58
\$.NO. 1 2 3 4 5 6 7	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5	* 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3
\$.NO. 1 2 3 4 5 6 7 8	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5	* 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89
\$.NO. 1 2 3 4 5 6 7 8 9	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2	* 4 DUS** MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24
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\$.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7	# 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24
\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7	* 4 DUS* MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99
\$.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5	## A DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1	97 THE M 9/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7	ONTH OF UNIT# AVG 310.4 308.6 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2	## A DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 35.2	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2	97 THE M 9/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7	ONTH OF UNIT# AVG 310.4 308.6 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 338.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9	MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4	ONTH OF UNIT# AVG 310.4 308.6 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281.6 281 280.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4	MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4	ONTH OF UNIT# AVG 310.4 308. 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 281	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 339.3 335.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 281 280.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 339.3 337.6 335.1 335.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4	97 THE M 97/m3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 281 280.6 281 280.8	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6 335.1 333.5	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3	ONTH OF UNIT# AVG 310.4 308. 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280 280.4 280.8 279.1 279.9	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6 335.1 333.5 339 339 338	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.2 34.8	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	DATE 01-Sep-21 02-Sep-21 03-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2	9/nm3) MAX 332.9 337.6 338.4 338.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 334.4 332.9 337.6 335.1 333.5 339 338 336.6 334.4 334.7 335.2	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.4 35.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	DATE 01-Sep-21 02-Sep-21 03-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43 469.86	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5 896	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6 306.5	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2 281.7	9/nm3) MAX 332.9 337.6 338.4 338.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 334.4 332.9 337.6 335.1 333.5 339 339 338 336.6 334.4 334.7 335.2 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2 37.5	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.4 35.7 36.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8
\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21 28-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 411.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43 469.86 444.58	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5 896 886.5	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7 848.3	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8 936.3	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6 306.5 309.7	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2 281.7 282.5	9/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6 335.1 333.5 339 339 338 336.6 334.4 334.7 335.2 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2 37.5 36.9	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.7 34.1 35.7 36.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8 40.3 39.47
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	DATE 01-Sep-21 02-Sep-21 03-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43 469.86	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5 896	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6 306.5	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2 281.7	9/nm3) MAX 332.9 337.6 338.4 338.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 334.4 332.9 337.6 335.1 333.5 339 339 338 336.6 334.4 334.7 335.2 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2 37.5	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.4 35.7 36.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8

		CEMS DA	AYWISE V	ALUES FO	R THE M	ONTH OF	APR '202	:1			
CNO	DATE	UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)	UNIT#	5 DUST	(mg/nm3)
S.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Apr-21	441.4	844.0	816.0	870.4	263.5	250.8	273.9	39.7	37.2	41.8
2	02-Apr-21	451.9	846.5	820.7	876.6	263.9	251.8	277.9	39.8	37.4	42.6
3	03-Apr-21	448.2	846.0	819.1	872.5	264.1	251.3	276.2	39.8	37.3	42.2
4	04-Apr-21	455.4	840.5	820.0	861.0	260.7	251.2	270.7	39.1	37.2	41.3
5	05-Apr-21	555.3	885.2	828.0	924.3	274.9	253.9	290.9	42.0	37.8	45.2
6	06-Apr-21	575.6	891.5	825.2	934.2	277.3	253.1	294.2	42.4	37.3	45.8
7	07-Apr-21	627.2	910.6	886.5	944.1	282.5	273.3	296.9	43.5	41.7	46.4
8	08-Apr-21	581.3	887.8	829.4	942.9	275.4	254.2	297.5	42.1	37.9	46.5
9	09-Apr-21	538.5	879.1	844.8	911.7	273.8	258.7	287.6	41.7	38.7	44.5
10	10-Apr-21	574.7	898.0	856.6	919.4	280.5	262.0	289.9	43.1	39.4	45.0
11	11-Apr-21	565.7	892.9	823.3	926.8	278.7	252.2	292.8	42.7	37.4	45.3
12	12-Apr-21	594.7	897.9	871.5	937.5	279.0	266.7	296.0	42.8	40.7	46.2
13	13-Apr-21	576.7	894.5	864.5	924.1	278.5	266.9	291.0	42.7	40.4	45.2
14	14-Apr-21	581.4	891.2	829.2	924.1	276.7	254.1	291.5	42.3	37.8	45.3
15	15-Apr-21	601.3	904.0	874.6	926.4	281.5	267.5	292.4	43.3	40.5	45.5
16	16-Apr-21	569.3	891.3	828.1	922.9	277.7	254.9	291.2	42.6	38.0	45.2
17	17-Apr-21	602.5	903.6	877.9	938.0	280.9	269.6	295.8	43.2	40.9	46.2
18	18-Apr-21	587.3	898.3	848.7	927.3	279.8	265.3	292.4	42.9	39.8	45.3
19	19-Apr-21	538.0	878.3	825.9	939.2	273.9	253.7	295.4	41.8	37.8	46.1
20	20-Apr-21	570.6	889.2	828.2	943.7	276.9	255.2	298.0	42.4	38.1	46.6
21	21-Apr-21	577.6	892.1	825.6	945.9	277.7	253.3	298.5	42.5	37.7	46.3
22	22-Apr-21	587.1	893.0	846.8	944.2	277.2	261.9	297.9	42.5	39.4	46.6
23	23-Apr-21	622.5	909.1	888.2	929.5	282.4	272.2	292.5	43.5	41.2	45.5
24	24-Apr-21	584.2	899.1	868.8	928.6	280.5	268.5	292.8	43.1	40.7	45.3
25	25-Apr-21	570.2	896.5	838.2	936.6	280.1	258.4	295.8	43.0	38.7	46.0
26	26-Apr-21	603.1	907.7	847.4	935.9	283.1	261.4	295.4	43.6	38.9	46.1
27	27-Apr-21	629.5	917.4	889.8	946.3	285.9	273.7	298.9	44.2	41.7	46.8
28	28-Apr-21	589.5	900.8	822.1	932.0	281.1	251.7	293.4	43.2	37.3	45.9
29	29-Apr-21	581.1	900.0	858.8	925.0	280.8	263.6	292.0	43.2	39.7	45.4
30	30-Apr-21	602.9	907.2	850.9	937.5	283.0	262.9	295.9	43.6	39.6	46.0
		CEMS DA	YWISE V	ALUES FO	R THE MO	ONTH OF	MAY '202	21			
S.NO.	DATE	UNIT# 5 LOAD(MW)		5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)			(mg/nm3)
S.NO.	DATE	AVG	AVG	5 SOX(m MIN	g/nm3) MAX	UNIT#	5 NOX(m MIN	g/nm3) MAX	AVG	MIN	MAX
1	01-May-21	AVG 499.2	AVG 916.2	5 SOX(m MIN 840.9	g/nm3) MAX 981.4	UNIT# AVG 377.6	5 NOX(m MIN 352.8	g/nm3) MAX 398.7	AVG 44.1	MIN 38.9	MAX 48.95
1 2	01-May-21 02-May-21	AVG 499.2 505.88	916.2 913.6	5 SOX(m MIN 840.9 835.3	g/nm3) MAX 981.4 988.6	UNIT# AVG 377.6 376.2	5 NOX(m MIN 352.8 350.6	g/nm3) MAX 398.7 401.2	AVG 44.1 43.7	MIN 38.9 38.1	MAX 48.95 49.17
1 2 3	01-May-21 02-May-21 03-May-21	AVG 499.2 505.88 514.42	916.2 913.6 926.8	5 SOX(m MIN 840.9 835.3 847.8	981.4 988.6 977.9	UNIT# AVG 377.6 376.2 380.7	5 NOX(m MIN 352.8 350.6 355.4	g/nm3) MAX 398.7 401.2 397.2	44.1 43.7 44.7	MIN 38.9 38.1 39.3	MAX 48.95 49.17 48.19
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	AVG 499.2 505.88 514.42 587.56	916.2 913.6 926.8 947.9	5 SOX(m MIN 840.9 835.3 847.8 920.6	981.4 988.6 977.9 978.9	UNIT# AVG 377.6 376.2 380.7 387	5 NOX(m MIN 352.8 350.6 355.4 376.8	g/nm3) MAX 398.7 401.2 397.2 398	AVG 44.1 43.7 44.7 45.9	38.9 38.1 39.3 43.5	MAX 48.95 49.17 48.19 48.59
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	AVG 499.2 505.88 514.42 587.56 583.7	916.2 913.6 926.8 947.9 940.8	5 SOX(m MIN 840.9 835.3 847.8 920.6 914	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9	UNIT# AVG 377.6 376.2 380.7 387 384.3	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8	44.1 43.7 44.7 45.9 45.3	38.9 38.1 39.3 43.5 42.9	MAX 48.95 49.17 48.19 48.59 47.75
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31	916.2 913.6 926.8 947.9 940.8 966.1	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4	44.1 43.7 44.7 45.9 45.3 47.1	MIN 38.9 38.1 39.3 43.5 42.9 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97
1 2 3 4 5 6	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48	916.2 913.6 926.8 947.9 940.8 966.1 947.1	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8	MIN 38.9 38.1 39.3 43.5 42.9 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94	916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61
1 2 3 4 5 6 7 8 9 10	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11
1 2 3 4 5 6 7 8 9 10 11 12	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 960.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4 987.6	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 41.6	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4 987.6 988.3	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4 368.5	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 960.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 41.6	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 15-May-21 16-May-21 17-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut	WNIT# AVG 377.6 376.2 380.7 387.3 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7 down con	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 sit in shut	WNIT# AVG 377.6 376.2 380.7 387.3 387.3 392.7 386.6 381.3 383.1 387.1 385.9 392.3 390.4 368.5 384.7 down condown condo	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 sit in shut hit in shut hit in shut	WNIT# AVG 377.6 376.2 380.7 387.3 387.3 382.7 386.6 381.3 383.1 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 hit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 385.1 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown c	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 hit in shut hit hit hit hit hit hit hit hit hit hi	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown c	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 16-May-21 17-May-21 18-May-21 20-May-21 20-May-21 21-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 hit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown c	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 20-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 hit in shuthit i	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown c	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 15-May-21 17-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 Solit in shuthit in	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.2 390.4 368.5 384.7 down condown con	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition dition dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 27-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 Solit in shuthit in	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7 down condown condo	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition dition dition dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.2 390.4 368.5 384.7 down condown c	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 27-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Urr Urr Urr Urr Urr Urr Urr Urr Urr	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 Solit in shuth shit shit shit shit shit shit shit sh	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur Ur Ur Ur	g/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur	g/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 It in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26

		CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	JUN '202	21			
S.NO.	DATE	UNIT# 5 LOAD(MW) AVG	UNIT#	5 SOX(m	g/nm3) MAX	UNIT#	5 NOX(m MIN	g/nm3) MAX	UNIT#	5 DUST	(mg/nm3) MAX
1	01-Jun-21	AVG	AVG			down con		MAX	AVG	101110	MAX
2	02-Jun-21					down con					
3	03-Jun-21					down con					
4	04-Jun-21			Ur	it in shut	down con	dition				
5	05-Jun-21			Ur	it in shut	down con	dition				
6	06-Jun-21			Ur	it in shut	down con	dition				
7	07-Jun-21			Ur	it in shut	down con	dition				
8	08-Jun-21			Ur	it in shut	down con	dition				
9	09-Jun-21			Ur	it in shut	down con	dition				
10	10-Jun-21			Ur	it in shut	down con	dition				
11	11-Jun-21			Ur	it in shut	down con	dition				
12	12-Jun-21					down con					
13	13-Jun-21					down con					
14	14-Jun-21					down con					
15	15-Jun-21					down con					
16	16-Jun-21	221.7	873.8	836.3	919.8	364.6	351	380.5	38.5	36.4	44.58
17	17-Jun-21	473.15	902.4	842.9	951.1	372.8	353	387.3	36.8	34.6	48.56
18 19	18-Jun-21 19-Jun-21	545.38 489.46	935.8 913.5	865.8 849.7	969.8 983.8	383.7 377.1	361.7 356.2	395.6 400.1	36.5 39.5	41.1 37.9	46.51 48.68
20	19-Jun-21 20-Jun-21	489.46 526.14	913.5	849.7	985.8	379.7	351.9	400.1	39.5	36.4	48.68
21	21-Jun-21	575.58	946.1	870.2	988.4	386.8	364	400.4	40.4	39.3	49.05
22	22-Jun-21	584.31	943.2	843.3	976.6	385.2	353.7	397.1	39.8	38.2	47.79
23	23-Jun-21	517.12	927.3	838.1	981.8	380.9	351.6	399.2	40.5	38.8	48.69
24	24-Jun-21	559.49	935.9	888.5	985.6	383.3	367	400.5	41.4	40.5	48.09
25	25-Jun-21	566.88	942.2	885.7	973.9	385.3	366.8	396.5	41.7	39.3	49.36
26	26-Jun-21	583.81	941.8	893.4	971.8	384.7	369.8	395.1	44.7	42.1	47.55
27	27-Jun-21	477.48	903.7	844.4	963	373.8	353.5	393.9	43.3	38.7	47.77
28	28-Jun-21	528.41	921.8	844.4	976.9	378.8	353.5	397.6	44.2	38.6	48.62
29 30	29-Jun-21	550.82	931.4	903.5	961.6	381.8	371.3	393.3	44.8	41.3 39.3	47.85
30	30-Jun-21	546.16	933.8	909.4	979.3	382.8	373.1	398.4	45.1	39.3	47.81
						ひいエロ ひと	כחבי וווו	1			
	1						JUL '202		LINIT#	5 DUST	(ma/nm3)
S.NO.	DATE	UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)			(mg/nm3) MAX
S.NO.	DATE 01-Jul-21	UNIT# 5 LOAD(MW) AVG				UNIT#	5 NOX(m MIN		UNIT# AVG	5 DUST MIN 43.4	MAX
		UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3) MAX	UNIT#	5 NOX(m	g/nm3) MAX	AVG	MIN	
1	01-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91	UNIT# AVG 949.8	5 SOX(m MIN 918.9	g/nm3) MAX 977.2	UNIT# AVG 387.5	5 NOX(m MIN 376.9	g/nm3) MAX 398.1	AVG 46	MIN 43.4	MAX 48.6
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92	UNIT# AVG 949.8 957.3 955.1 948.8	5 SOX(m) MIN 918.9 928.5 924.7 923.1	977.2 986.8 990.3 973.9	UNIT# AVG 387.5 389.6 389 387.2	5 NOX(m MIN 376.9 378.6 378 377.5	g/nm3) MAX 398.1 400.5 401.8 396.7	46 46.4 46.3 45.9	43.4 43.7 43.7 43.6	MAX 48.6 49.1 49.31 48.27
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57	UNIT# AVG 949.8 957.3 955.1 948.8 962.2	5 SOX(m MIN 918.9 928.5 924.7 923.1 936.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1	UNIT# AVG 387.5 389.6 389 387.2 391.6	5 NOX(m MIN 376.9 378.6 378 377.5 381.1	g/nm3) MAX 398.1 400.5 401.8 396.7 401	46 46.4 46.3 45.9 46.9	43.4 43.7 43.7 43.6 44.3	MAX 48.6 49.1 49.31 48.27 49.17
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6	46 46.4 46.3 45.9 46.9 45.9	MIN 43.4 43.7 43.7 43.6 44.3 43.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4 378.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6	46 46.4 46.3 45.9 46.9 45.9	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4 378.7 366.1	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6	46 46.4 46.3 45.9 46.9 45.9 46 46.2	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4 378.7 366.1 375.6	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8	46 46.4 46.3 45.9 46.9 45.9 46 46.2	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5	5 SOX(m) 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7	5 NOX(m MIN 376.9 378.6 378. 377.5 381.1 378.4 378.7 366.1 375.6 373.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6	46 46.4 46.3 45.9 46.9 45.9 46 46.2 46.1 46.3	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1 42.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8	46 46.4 46.3 45.9 46.9 45.9 46 46.2	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5	5 SOX(m) 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7	5 NOX(m MIN 376.9 378.6 378. 377.5 381.1 378.4 378.7 366.1 375.6 373.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6 398.9	46 46.4 46.3 45.9 46.9 45.9 46 46.2 46.1 46.3	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6 398.9	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1 42.8 39.1 39.6	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94
1 2 3 4 5 6 7 8 9 10 11 12	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.4 43.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.4 43.8 44.2	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 45.84 47.65 47.85 48.23 48.6
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 391.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.8 44.2 44.9 41.8	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 18-Jul-21 19-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 391.1 380.9 382.1	46.4 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43.8 44.2 44.9 41.8 41.8	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2	46.4 46.4 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.8 44.2 44.9 41.8 41.8	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41.5	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.7 38.7 38.7 38.7 38.4 39.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.7 38.7 38.7 38.7 38.4 39.8 38.2	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 835.5 836.1 833.1	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3	5 NOX(m MIN 376.9 378.6 378.6 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4 393.7 393.8 392.3	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5 42.5 42.6	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.4 39.8 38.2 38.3 38.2	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.63 45.4 44.34 46.71 48.07 47.73 47.85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51 458.45	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5 896.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 835.5 836.1 833.1 839.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7 982.2	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3 371.6	5 NOX(m MIN 376.9 378.6 378.6 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4 393.7 393.8 392.3 399.6 389.6	AVG 46 46.4 46.3 45.9 46.9 45.9 46 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.5 41 41 43.5 42.5 42.6 41.3 43.6 42.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.4 39.8 38.7 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73 47.85 47.46 48.9 46.67
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 29-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51 458.45 473.96	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5 896.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 836.1 833.1 839.8 842.6	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7 982.2 952.9	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3 371.6 374.7	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 380.9 382.1 378.2 389.2 395.4 393.7 393.8 392.3 399.6 389.6	AVG 46 46.4 46.3 45.9 46.9 45.9 46 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.5 41 41 43.5 42.5 42.6 41.3 43.6 42.8 43.5	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.8 38.7 38.8 38.7 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 45.84 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73 47.85 47.46 48.9 46.67 47.54
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51 458.45	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5 896.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 835.5 836.1 833.1 839.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7 982.2	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3 371.6	5 NOX(m MIN 376.9 378.6 378.6 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4 393.7 393.8 392.3 399.6 389.6	AVG 46 46.4 46.3 45.9 46.9 45.9 46 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5 42.5 42.6 41.3 43.6 42.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.4 39.8 38.7 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73 47.85 47.46 48.9 46.67

		CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	AUG '202	:1			
CNO	DATE	UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)	UNIT#	5 DUST	(mg/nm3)
S.NO.	DATE	AVG	AVG	WIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Aug-21	433.94	888.5	841.3	936.4	369	352.6	383.9	42.3	38.6	45.36
2	02-Aug-21	454.71	899.1	841.8	941.3	372.2	352.8	387.3	42.9	38.6	46.42
3	03-Aug-21	463.13	898.6	839.8	933.3	371.9	352	384.9	42.9	38.4	45.96
4	04-Aug-21	485.79	911.9	841.1	956.9	376.3	354.6	391.4	43.9	39.4	47.44
5	05-Aug-21			Ur	iit in shut	down con	dition				
6	06-Aug-21			Ur	iit in shut	down con	dition				
7	07-Aug-21	230.37	926.3	901.6	949.6	381.1	374.2	389.6	44.9	43.1	46.64
8	08-Aug-21	542.01	929.3	892.9	961.9	381.1	368.5	392.8	44.7	41.8	47.41
9	09-Aug-21	521.47	917.6	890.1	947.1	377.4	367.6	388.3	43.9	41.6	46.6
10	10-Aug-21	515.52	922.5	893	943.9	379.4	368.2	388.1	44.4	41.7	46.6
11	11-Aug-21	109.72	892.3	838.7	919.6	369.6	351.9	378.9	42.4	38.4	44.39
12	12-Aug-21					down con					
13	13-Aug-21					down con					
14	14-Aug-21	514.69	923.4	893.8	949.7	379.4	368.4	389	44.3	41.7	46.72
15	15-Aug-21	519.2	918.6	872	957.1	377.9	362	392.1	44	40.5	47.26
16	16-Aug-21	515.83	922.3	876.7	960.1	379.2	364.7	391.6	44.4	41.3	47.02
17	17-Aug-21	530.85	925.9	888.1	971.1	380.2	368.6	396.5	44.5	42.1	48.29
18 19	18-Aug-21	467.04 473.32	899.3	865.4	929.4	372.2 372.3	362.6 356.5	382.4	43 42.9	40.9 39.6	45.34 47.07
20	19-Aug-21 20-Aug-21	473.32	900.4	849.7 874.6	954.5 932.2	372.3 375.3	363.4	390.9 383.4	42.9	39.6 40.7	47.07 45.49
21	20-Aug-21 21-Aug-21	491.04	910.7	874.6	932.2	376.1	365.4	386.6	43.8	40.7	45.49
22	21-Aug-21 22-Aug-21	458.38	899.7	836.7	940.5	370.1	351.1	389.6	43.8	38.2	46.22
23	23-Aug-21	420.44	881.1	848.8	920.9	366.7	354.7	379.4	41.8	38.9	44.49
24	24-Aug-21	390.6	870.6	837.9	904.2	363.5	351.4	376	41.2	38.3	44.13
25	25-Aug-21	462.8	901.8	842.1	936.1	373.2	352.7	385.6	43.1	38.6	46.07
26	26-Aug-21	532.33	928.8	897.3	956.6	381.3	369.4	391.9	44.8	41.9	47.37
27	27-Aug-21	551.47	941.7	912.6	963.2	385.7	374.3	394	45.8	43	47.41
28	28-Aug-21	561.91	936.7	904.1	978.8	383.5	371.3	398.3	45.2	42.3	48.58
29	29-Aug-21	547.38	928.5	902.6	950	380.8	370.8	388.1	44.6	42.2	46.44
30	30-Aug-21	553.08	938.3	915.6	960.4	384.4	374.9	392.3	45.5	43	47.28
31	31-Aug-21	524.09	917.4	868.4	950	405.2	388.6	418.7	38.9	35.7	41.72
31	31-Aug-21	CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	SEP '202	1		l	
31 S.NO.	31-Aug-21 DATE	CEMS DA	AYWISE V. UNIT#	ALUES FO 5 SOX(m	R THE M g/nm3)	ONTH OF UNIT#	SEP '202 5 NOX(m	1 g/nm3)	UNIT#	5 DUST	(mg/nm3)
S.NO.	DATE	CEMS DA UNIT# 5 LOAD(MW) AVG	AYWISE V UNIT# AVG	5 SOX(m	R THE M g/nm3) MAX	ONTH OF UNIT# AVG	SEP '202 5 NOX(m MIN	1 g/nm3) MAX	UNIT#	5 DUST	(mg/nm3) MAX
S.NO.	DATE 01-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6	UNIT# AVG 922.6	5 SOX(m MIN 897.4	OR THE M g/nm3) MAX 948.9	ONTH OF UNIT# AVG 308.5	SEP '202 5 NOX(m MIN 282.1	1 g/nm3) MAX 333.5	UNIT# AVG 44.2	5 DUST MIN 42	(mg/nm3) MAX 47.29
S.NO. 1 2	DATE 01-Sep-21 02-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84	WISE V. UNIT# AVG 922.6 928.4	5 SOX(m) MIN 897.4 903	PR THE M g/nm3) MAX 948.9 949.9	ONTH OF UNIT# AVG 308.5 309.3	SEP '202 5 NOX(m MIN 282.1 281.7	1 g/nm3) MAX 333.5 340	UNIT# AVG 44.2 44.8	5 DUST MIN 42 42.8	(mg/nm3) MAX 47.29 47.34
S.NO. 1 2 3	DATE 01-Sep-21 02-Sep-21 03-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33	AYWISE V UNIT# AVG 922.6 928.4 925.7	### ALUES FO 5 SOX(m) ## MIN 897.4 903 900.8	MAX 948.9 949.9 949.4	ONTH OF UNIT# AVG 308.5 309.3 310.5	SEP '202 5 NOX(m MIN 282.1 281.7 281.2	1 g/nm3) MAX 333.5 340 340.4	UNIT# AVG 44.2 44.8 44.6	5 DUST MIN 42 42.8 42.2	(mg/nm3) MAX 47.29 47.34 47.06
\$.NO. 1 2 3 4	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61	AYWISE V UNIT# AVG 922.6 928.4 925.7 920.6	### ALUES FC 5 SOX(m) MIN 897.4 903 900.8 891.1	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3	1 g/nm3) MAX 333.5 340 340.4 338.7	UNIT# AVG 44.2 44.8 44.6 44.1	5 DUST MIN 42 42.8 42.2 41.5	(mg/nm3) MAX 47.29 47.34 47.06 47.12
S.NO. 1 2 3 4 5	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8	5 DUST MIN 42 42.8 42.2 41.5 39.1	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8
\$.NO. 1 2 3 4	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61	AYWISE V UNIT# AVG 922.6 928.4 925.7 920.6	### ALUES FC 5 SOX(m) MIN 897.4 903 900.8 891.1	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5	UNIT# AVG 44.2 44.8 44.6 44.1	5 DUST MIN 42 42.8 42.2 41.5	(mg/nm3) MAX 47.29 47.34 47.06 47.12
\$.NO. 1 2 3 4 5 6	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61
\$.NO. 1 2 3 4 5 6 7	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11
S.NO. 1 2 3 4 5 6 7	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 281.5	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96
S.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3	948.9 949.9 949.4 942.8 949.9 948.5 946.3 936.9 931.5	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 281.5 283.3	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9 931.5	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 281.5 283.3	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9 931.5 932.9	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6 39.6	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21 14-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6 39.6 38.8	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6 39.6 38.8 40.7	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1 944.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2 282.6	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2 282.6 282.4	1 g/nm3) MAX 333.5 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2 282.6 282.4	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8 927.2	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 308.9	\$EP '202	1 g/nm3) MAX 333.5 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8 927.2 932 it in shut	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 307.7 308.1 down con	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.5 283.5 283.6 282.4 282.2 282.6 282.4 282.4 dition	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8 927.2 932 pit in shut in shut in shut	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 down condown	\$EP '202 5 NOX(m	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 932.9 942.1 944.8 926.7 909.8 927.2 932 iit in shut i	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 down condown	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 285.2 290.1 281.2 282.7 282.5 281.5 283.3 285 283.6 282.4 282.2 282.6 282.4 dition dition dition	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
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\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 25-Sep-21 27-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur Ur Ur Ur Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 932.9 942.1 944.8 926.7 909.8 927.2 932 hit in shuthit in shuthi	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 308.9 311.6 down condown con	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.5 283.3 285 283.6 282.4 282.2 282.6 282.4 dition dition dition dition dition dition dition dition dition	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
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						HE MONTH OF					
S.NO.	DATE	UNIT# 1 LOAD(MW)		T# 1 SOX(mg			IT# 1 NOX(mg/r			IT# 1 DUST(
0		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Apr-21	444.7	847.2	820.0	871.7	262.9	252.3	272.2	42.1	40.1	44.1
2	02-Apr-21	452.7	845.2	820.8	871.4	261.6	252.5	271.8	42.0	40.2	44.2
3	03-Apr-21	458.7	845.2	822.0	872.7	261.4	252.3	271.9	42.0	40.1	44.0
4	04-Apr-21	469.7	848.4	822.1	875.7	262.1	252.3	273.0	42.1	40.1	44.2
5	05-Apr-21	578.8	899.8	833.2	944.4	277.5	255.9	293.0	45.1	40.8	48.0
6	06-Apr-21	586.5	892.8	851.9	950.0	274.9	262.7	294.9	44.6	42.2	48.5
7	07-Apr-21	596.6	900.7	872.3	936.0	277.3	267.7	290.7	45.0 42.6	43.1	47.7 47.4
8 9	08-Apr-21	569.7	873.7 865.8	795.8 835.3	935.2 894.3	268.0	242.1 253.6	289.6 275.2	42.6	37.1 39.3	47.4
10	09-Apr-21 10-Apr-21	562.3 572.4	873.5	838.9	900.5	265.0 267.5	255.4	277.3	41.5	39.3	43.6
11	11-Apr-21	556.9	861.6	814.9	900.5	263.7	249.3	277.3	41.3	38.5	44.0
12	12-Apr-21	621.1	886.8	860.4	920.5	270.7	260.4	283.2	42.6	40.6	45.1
13	13-Apr-21	572.4	866.9	844.7	894.4	265.1	256.2	275.7	41.6	39.8	43.6
14	14-Apr-21	603.2	885.3	848.2	918.0	270.8	259.0	282.3	42.7	40.3	45.0
15	15-Apr-21	626.3	889.9	856.9	920.4	271.8	259.5	283.1	42.9	40.4	45.1
16	16-Apr-21	580.5	873.3	807.7	902.7	267.3	245.5	278.2	42.0	37.7	44.2
17	17-Apr-21	609.0	883.6	852.1	915.1	270.0	259.0	281.8	42.5	40.2	44.9
18	18-Apr-21	622.3	890.0	852.9	919.3	271.9	261.1	282.6	42.9	40.6	45.0
19	19-Apr-21	535.7	851.3	800.3	913.9	260.7	243.6	281.0	40.8	37.4	44.7
20	20-Apr-21	572.9	870.0	804.0	906.1	266.4	244.8	278.0	41.9	37.6	44.1
21	21-Apr-21	577.9	872.3	812.8	912.2	267.0	247.1	280.5	42.0	38.3	44.6
22	22-Apr-21	607.6	882.7	843.8	923.0	269.8	255.8	284.0	42.5	39.7	45.1
23	23-Apr-21	627.7	892.3	866.9	915.7	272.7	262.7	281.6	43.0	41.0	44.8
24	24-Apr-21	593.9	879.2	848.4	905.1	268.9	257.4	278.6	42.4	40.0	44.5
25	25-Apr-21	71.6	821.5	821.5	821.5	251.1	251.1	251.1	38.5	38.5	38.5
26	26-Apr-21			1	Unit in	shutdown co	ndition	1			l.
27	27-Apr-21					shutdown co					
28	28-Apr-21				Unit in	shutdown co	ndition				
29	29-Apr-21	548.8	866.9	837.2	906.7	265.1	255.1	279.2	41.7	39.6	44.4
30	30-Apr-21	473.3	827.0	797.7	863.9	253.9	242.5	263.3	39.4	37.2	41.2
	-		CEMS	DAYWISE VA	ALUES FOR TH	E MONTH OF	MAY '2021	•	•		
			T		/ 7 \			7\	116	IT# 1 DUST(i	ma/am3)
SNO	DATE	UNIT# 1 LOAD(MW)	UNI	T# 1 SOX(mg	/nm <i>>)</i>	UN	IT# 1 NOX(mg/r	IIII <i>5)</i>	UN	11# 10031(111g/111112/
S.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
S.NO .	DATE 01-May-21				•						• •
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1 2 3	01-May-21	AVG 486.23	AVG 868.88 886.53 886.8	MIN 798	MAX 937.16 941.57 944.07	AVG 395.64 401.35 401.09	MIN 372.81	MAX 417.58 419.03 420.07	AVG 37.82 38.84 38.79	MIN 33.28	MAX 42.05 42.34 42.55
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	AVG 486.23 511.7 513.32 611.01	AVG 868.88 886.53 886.8 918.57	MIN 798 817.06 804.68 885.76	MAX 937.16 941.57 944.07 948.04	AVG 395.64 401.35 401.09 409.9	MIN 372.81 379.62 375.83 398.6	MAX 417.58 419.03 420.07 420.41	AVG 37.82 38.84 38.79 40.5	MIN 33.28 34.63 33.89 38.28	MAX 42.05 42.34 42.55 42.59
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	AVG 486.23 511.7 513.32 611.01 618.58	AVG 868.88 886.53 886.8 918.57 924.88	MIN 798 817.06 804.68 885.76 896.79	MAX 937.16 941.57 944.07 948.04 960.77	AVG 395.64 401.35 401.09 409.9 412.06	MIN 372.81 379.62 375.83 398.6 401.14	MAX 417.58 419.03 420.07 420.41 424.63	AVG 37.82 38.84 38.79 40.5 40.92	MIN 33.28 34.63 33.89 38.28 38.76	MAX 42.05 42.34 42.55 42.59 43.42
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12	AVG 868.88 886.53 886.8 918.57 924.88 924.6	MIN 798 817.06 804.68 885.76 896.79	MAX 937.16 941.57 944.07 948.04 960.77 953.18	AVG 395.64 401.35 401.09 409.9 412.06 411.63	MIN 372.81 379.62 375.83 398.6 401.14 401.41	MAX 417.58 419.03 420.07 420.41 424.63 422.27	AVG 37.82 38.84 38.79 40.5 40.92 40.85	MIN 33.28 34.63 33.89 38.28 38.76 38.81	MAX 42.05 42.34 42.55 42.59 43.42 42.96
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.52 40.04	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.52 40.04	MIN 33.28 34.63 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38 38.92	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.52 40.04 41.09 40.46	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38.38 38.92 39.24	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29
1 2 3 4 5 6 7 8 9 10 11	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.98 402.98	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19	AVG 37.82 38.84 38.79 40.5 40.85 40.8 40.52 40.04 41.09 40.46	MIN 33.28 34.63 33.89 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97
1 2 3 4 5 6 7 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 13-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81	AVG 868.88 886.53 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 940.54 952.25	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.04 41.09 40.46 41.01 40.59	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24 918.36 925.37	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21	MIN 372.81 379.62 375.83 398.6 401.14 398.3 399.65 401.92 401.92 402.98 401.01 399.94 398.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.85 40.85 40.62 40.04 41.09 40.46 41.01 40.59	MIN 33.28 34.63 35.89 38.28 38.76 38.81 38.22 38.47 38.92 39.24 38.74 38.75 38.3	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97 42.29 42.76
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 399.94 399.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 11-May-21 14-May-21 15-May-21 15-May-21 16-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.53 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 919.27 926.24 918.36 925.37	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 950.24 937.36 950.24 937.36	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 412.21 405.92 385.76	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 383.22 375.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 418.77 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.85 40.85 40.62 40.04 41.09 40.46 41.01 40.59	MIN 33.28 34.63 35.89 38.28 38.76 38.81 38.22 38.47 38.92 39.24 38.74 38.75 38.3	MAX 42.05 42.34 42.55 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.97 42.29 42.76
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-May-21 02-May-21 03-May-21 03-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 11-May-21 13-May-21 14-May-21 16-May-21 16-May-21 17-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 585.76 5hutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 402.98 398.77 383.22 375.77	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 16-May-21 18-May-21 18-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 410.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 398.3 399.65 401.92 401.92 401.92 402.98 401.01 399.94 398.77 383.22 375.77 ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 14-May-21 15-May-21 17-May-21 17-May-21 18-May-21 18-May-21 19-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.24	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 411.21 405.92 385.76 shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 383.22 375.77 ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 11-May-21 14-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21 19-May-21 20-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 410.26 410.26 50 410.26 410.2	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 70dition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 16-May-21 18-May-21 19-May-21 19-May-21 20-May-21 21-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 50.50 50	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 402.98 402.98 399.67 397.7 383.22 375.77 addition addition addition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 5 6 7 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 19-May-21 20-May-21 20-May-21 20-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 895.18	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co shutdown co shutdown co shutdown co shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 399.94 398.77 383.22 375.77 ndition ndition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 14-May-21 14-May-21 17-May-21 17-May-21 17-May-21 17-May-21 17-May-21 19-May-21 20-May-21 20-May-21 20-May-21 20-May-21 22-May-21 23-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 950.24 937.36 950.24 Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co shutdown co shutdown co shutdown co shutdown co shutdown co	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 39.65 397.2 401.92 402.98 401.01 399.94 398.77 ndition ndition ndition ndition ndition ndition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 11-May-21 11-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 18-May-21 20-May-21 20-May-21 21-May-21 21-May-21 22-May-21 22-May-21 22-May-21 23-May-21 24-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.3 410.26 412.21 410.26 412.21 50.26 410	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 399.65 397.2 401.92 402.98 401.01 399.94 398.77 ndition ndition ndition ndition ndition ndition ndition ndition	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 24-May-21 24-May-21 25-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in Unit in Unit in Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 407.32 412.94 409.7 412.3 410.26 412.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 10-May-21 11-May-21 11-May-21 13-May-21 14-May-21 17-May-21 17-May-21 19-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 25-May-21 25-May-21 26-May-21 26-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 941.41 949.88 940.54 952.25 937.36 950.24 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 410.26 411.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 24-May-21 24-May-21 25-May-21 26-May-21 27-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 953.18 958.64 947.14 949.88 940.54 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.21 410.26 411.23 410.26 412.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 109-May-21 109-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 19-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21 28-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 953.18 958.64 947.14 949.88 940.54 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 410.26 411.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 42.96 43.24 42.68 41.86 42.87 42.29 42.97 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 11-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 24-May-21 24-May-21 25-May-21 26-May-21 27-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.24 918.36 925.37 926.34	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 949.88 940.54 952.25 937.36 950.24 932.46 858.32 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.94 409.7 412.21 410.26 411.23 410.26 412.21 405.92 385.76 shutdown co	MIN	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 109-May-21 109-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 19-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21 28-May-21	AVG 486.23 511.7 513.32 611.01 618.58 627.12 608.25 592.93 583.82 608.5 621.34 624.43 602.81 620.8	AVG 868.88 886.83 886.8 918.57 924.88 924.6 920.82 916.26 909.13 926.13 926.13 926.24 918.36 925.37 926.49	MIN 798 817.06 804.68 885.76 896.79 897.68 885.71 890.14 882.86 898.48 903.26 895.18 893.25 889.03	MAX 937.16 941.57 944.07 948.04 960.77 953.18 958.64 947.14 931.41 949.88 952.25 937.36 950.24 950.24 Unit in	AVG 395.64 401.35 401.09 409.9 412.06 411.63 411.01 409.78 409.7 412.3 412.3 412.3 410.26 412.21 410.35 410.96 410.96 410.96 410.97 410.96 410	MIN 372.81 379.62 375.83 398.6 401.14 401.41 398.3 397.2 401.92 402.98 401.01 399.94 401.01 399.94 1	MAX 417.58 419.03 420.07 420.41 424.63 422.27 423.73 420.8 416.39 421.75 422.19 416.85 421.26	AVG 37.82 38.84 38.79 40.5 40.92 40.85 40.8 40.04 41.09 40.46 41.01 40.59 41.01 40.59 41.01	MIN 33.28 34.63 34.63 38.28 38.76 38.81 38.22 38.47 38 38.92 39.24 38.74 38.53 38.3 35.32	MAX 42.05 42.34 42.55 42.59 42.59 43.42 42.96 43.24 42.68 41.86 42.87 42.29 42.29 42.29 41.92 42.76 41.84

			CEMS	DAYWISE V	CEMS DAYWISE VALUES FOR THE MONTH OF JUN '2021 UNIT# 1 LOAD(MW) UNIT# 1 SOX(mg/nm3) UNIT# 1 DUST(mg/nm3) UNIT# 1 DUST(mg/nm3)								
S.NO.	DATE												
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX		
1	01-Jun-21					shutdown co							
2	02-Jun-21 03-Jun-21					shutdown co							
4	03-Jun-21 04-Jun-21					shutdown co							
5	05-Jun-21					shutdown co							
6	06-Jun-21					shutdown co							
7	07-Jun-21					shutdown co							
8	08-Jun-21					shutdown co							
9	09-Jun-21					shutdown co							
10	10-Jun-21					shutdown co							
11	11-Jun-21				Unit in	shutdown co	ndition						
12	12-Jun-21				Unit in	shutdown co	ndition						
13	13-Jun-21				Unit in	shutdown co	ndition						
14	14-Jun-21				Unit in	shutdown co	ndition						
15	15-Jun-21				Unit in	shutdown co	ndition						
16	16-Jun-21	265.77	840.19	794.57	919.39	387.32	373.85	412.32	36.13	33.53	41.03		
17	17-Jun-21	475.21	864.63	811.63	929.28	394.24	378.49	414.69	37.46	34.42	41.48		
18	18-Jun-21	551.94	893.48	813.5	944.86	402.7	379.16	420.13	39.19	34.56	42.55		
19	19-Jun-21	495.86	871.71	797.72	938.88	396.83	373.14	417.73	37.94	33.07	42.07		
20	20-Jun-21	516.18	875.73	795.56	946.56	397.33	372.02	420.16	38.11	33.13	42.55		
21 22	21-Jun-21 22-Jun-21	571.88 599.13	900.49 919.2	841.96 816.12	937.6 952.14	404.68 410.72	386.47 380.32	417.26 421.86	39.51 40.73	35.93 35.28	42.07 42.88		
23	23-Jun-21	527.63	919.2 895.16	800.26	952.14	403.68	373.9	421.86	39.3	33.51	42.88		
24	24-Jun-21	561.38	896.81	841.55	952.98	403.69	386.36	422.36	39.33	35.93	42.98		
25	25-Jun-21	583.12	910.81	855.22	949.05	407.88	391.15	420.83	40.17	36.87	42.68		
26	26-Jun-21	578.25	903.8	845.45	942.1	405.6	387.16	419.48	39.69	36.23	42.43		
27	27-Jun-21	489.96	865.31	799.12	912.28	394.52	373.14	409.47	37.53	33.35	40.46		
28	28-Jun-21	532.63	886.41	795.88	942.89	400.53	372.16	419.34	38.73	33.16	42.4		
29	29-Jun-21	598.65	916.39	881.11	946.51	409.75	396.9	420.15	40.47	37.66	42.55		
30	30-Jun-21	567.91	900.9	866.52	947.36	404.78	392.59	420.51	39.53	37.11	42.62		
					ALUES FOR TH	IE MONTH OF	- JUL '2021						
		LIMIT# 1 LOAD/MM/M	LIMIT	T# 1 COV/ma	/nm7\	LIMI	T# 1 NOV/ma/a	m 7 \	LIM	IT# 1 DUICT/	ma/am ² \		
S.NO.	DATE	UNIT# 1 LOAD(MW)		T# 1 SOX(mg			T# 1 NOX(mg/n			IT# 1 DUST(i			
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX		
5.NO. 1 2	01-Jul-21 02-Jul-21	AVG 632.28	AVG 928.08		MAX 961.91			MAX 425.19			MAX 43.54		
1	01-Jul-21	AVG	AVG	MIN 885.22	MAX	AVG 412.76	MIN 399.38	MAX	AVG 41.04	MIN 38.46	MAX		
1 2 3 4	01-Jul-21 02-Jul-21	AVG 632.28 633.51 594.54 642.68	928.08 927.4 911.38 931.64	MIN 885.22 905.47	961.91 952.98 948.85 956.87	412.76 412.47 407.95 413.74	MIN 399.38 403.79 394.56 402.06	MAX 425.19 422.53 420.83 423.01	41.04 41 40.15 41.26	MIN 38.46 39.28 37.45 38.93	MAX 43.54 43.02 42.74 43.1		
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7	928.08 927.4 911.38 931.64 915.07	MIN 885.22 905.47 873.49 900.68 888.55	MAX 961.91 952.98 948.85 956.87 935.01	AVG 412.76 412.47 407.95 413.74 408.54	MIN 399.38 403.79 394.56 402.06 398.94	MAX 425.19 422.53 420.83 423.01 416.84	41.04 41 40.15 41.26 40.19	MIN 38.46 39.28 37.45 38.93 38.34	MAX 43.54 43.02 42.74 43.1 41.91		
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43	928.08 927.4 911.38 931.64 915.07 927.65	MIN 885.22 905.47 873.49 900.68 888.55 894.23	961.91 952.98 948.85 956.87 935.01 957.56	AVG 412.76 412.47 407.95 413.74 408.54 413	MIN 399.38 403.79 394.56 402.06 398.94 400.38	MAX 425.19 422.53 420.83 423.01 416.84 423.52	41.04 41 40.15 41.26 40.19 41.11	MIN 38.46 39.28 37.45 38.93 38.34 38.61	MAX 43.54 43.02 42.74 43.1 41.91 43.2		
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88	928.08 927.4 911.38 931.64 915.07 927.65 922.03	MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52	961.91 952.98 948.85 956.87 935.01 957.56 944.68	AVG 412.76 412.47 407.95 413.74 408.54 413 411.48	MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24	41.04 41 40.15 41.26 40.19 41.11 40.86	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61		
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42	928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28	MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87	961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99	AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03	MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5	41.04 41 40.15 41.26 40.19 41.11 40.86 40.75	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8		
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06	AVG 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7	MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43	MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68	AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87	MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53		
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06 607.51	AVG 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7 917.17	MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.52 888.87 894.43	MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68 942.64	AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87 409.66	MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36 399.87	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15 418.29	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.89 38.61 38.65	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8		
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	AVG 632.28 633.51 594.54 642.68 612.7 621.43 606.88 611.42 641.06	AVG 928.08 927.4 911.38 931.64 915.07 927.65 922.03 921.28 934.7	MIN 885.22 905.47 873.49 900.68 888.55 894.23 888.52 888.87 894.43	MAX 961.91 952.98 948.85 956.87 935.01 957.56 944.68 951.99 961.68	AVG 412.76 412.47 407.95 413.74 408.54 413 411.48 411.03 414.87	MIN 399.38 403.79 394.56 402.06 398.94 400.38 398.77 401.81 400.36	MAX 425.19 422.53 420.83 423.01 416.84 423.52 420.24 421.5 425.15	AVG 41.04 41 40.15 41.26 40.19 41.11 40.86 40.75 41.45	MIN 38.46 39.28 37.45 38.93 38.34 38.61 38.3 38.89 38.61	MAX 43.54 43.02 42.74 43.1 41.91 43.2 42.61 42.8 43.53 42.18		
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			CEMS	DAYWISE VA	ALUES FOR TH	IE MONTH OF	AUG '2021				
S.NO.	DATE	UNIT# 1 LOAD(MW)	UNIT	Γ# 1 SOX(mg.	/nm3)	UNI	T# 1 NOX(mg/n	m3)	UN	IT# 1 DUST(i	mg/nm3)
3.110.		AVG	AVG	WIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Aug-21	513.32	886.8	804.68	944.07	401.09	375.83	420.07	38.79	33.89	42.55
2	02-Aug-21	611.01	918.57	885.76	948.04	409.9	398.6	420.41	40.5	38.28	42.59
3	03-Aug-21	618.58	924.88	896.79	960.77	412.06	401.14	424.63	40.92	38.76	43.42
4	04-Aug-21	627.12	924.6	897.68	953.18	411.63	401.41	422.27	40.85	38.81	42.96
5	05-Aug-21	552.02	930.7	901.22	958.88	381.25	370.71	392.54	44.68	42.21	47.48
6	06-Aug-21	548.71	934.63	901.9	955.88	383.08	370.57	391.09	45.15	42.12	47.08
7	07-Aug-21	579.94	947.71	909.93	973.41	387.07	373.16	396.89	45.99	42.67	48.35
8	08-Aug-21	606.66	949.38	929.38	973.13	415.6	406.7	426.71	40.73	39	42.93
9	09-Aug-21	584.06	944	923.33	964.9	414.42	404.36	423.96	40.6	38.55	42.43
10	10-Aug-21	544.43	923.42	905.77	941.61	406.77	398.37	415.34	39.15	37.46	40.82
11 12	11-Aug-21 12-Aug-21	566.97 627.34	939.77 955.99	915.27 932.81	969.33 986.94	395.26 417.56	386.17 407.46	406.44 431.29	42.87 41.11	40.79 39.34	45.47 43.77
13	13-Aug-21	618.85	955.99	928.97	978.56	416.64	407.46	428.2	40.88	38.65	43.19
14	14-Aug-21	633.28	957.93	901.39	982.48	418.19	397.71	429.79	41.2	37.38	43.19
15	15-Aug-21	178.73	863.67	839.59	875.65	388.79	378.18	393.89	35.9	33.87	36.93
16	16-Aug-21	543.12	927.21	904.04	953.85	391.04	382.2	401.74	42	39.91	44.72
17	17-Aug-21	602.81	918.36	893.25	937.36	410.26	399.94	416.85	40.59	38.53	41.92
18	18-Aug-21	620.8	925.37	889.03	950.24	412.21	398.77	421.26	41	38.3	42.76
19	19-Aug-21	578.65	904.66	830.62	932.46	405.92	383.22	416.53	39.7	35.32	41.84
20	20-Aug-21	592.93	916.26	890.14	947.14	409.78	399.65	420.8	40.52	38.47	42.68
21	21-Aug-21	583.82	909.13	882.86	931.41	407.32	397.2	416.39	40.04	38	41.86
22	22-Aug-21	608.5	926.13	898.48	949.88	412.94	401.92	421.75	41.09	38.92	42.87
23	23-Aug-21	537.63	928.29	886.96	973.27	391.64	376.97	407.67	42.22	39.1	45.48
24	24-Aug-21	570.2	947.38	916.49	969.23	398.1	385.75	406.27	43.49	40.42	45.39
25	25-Aug-21				Unit in	shutdown co	ndition				
26	26-Aug-21					shutdown co					
27	27-Aug-21					shutdown co					
28	28-Aug-21				Unit in	shutdown co	ndition				
29	29-Aug-21				Unit in	shutdown co	ndition				
30	30-Aug-21					shutdown co					
31	31-Aug-21					shutdown co					
					ALUES FOR TH						
S.NO.	DATE	UNIT# 1 LOAD(MW)	UNIT	Γ# 1 SOX(mg.	/nm3)	UNI	T# 1 NOX(mg/n			IT# 1 DUST(
		UNIT# 1 LOAD(MW) AVG			/nm3) MAX	AVG UNI	T# 1 NOX(mg/n MIN	m3) MAX	UN AVG	IT# 1 DUST(I	mg/nm3) MAX
1	01-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown co	T# 1 NOX(mg/n MIN ndition				
1 2	01-Sep-21 02-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in	AVG shutdown cor shutdown cor	T# 1 NOX(mg/n MIN ndition ndition				
1 2 3	01-Sep-21 02-Sep-21 03-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in Unit in	AVG shutdown cor shutdown cor shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition				
1 2 3 4	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in Unit in Unit in	AVG shutdown cor shutdown cor shutdown cor shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition ndition				
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in Unit in Unit in Unit in Unit in	AVG Shutdown cor Shutdown cor Shutdown cor Shutdown cor Shutdown cor Shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition ndition ndition				
1 2 3 4 5 6	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown cor	T# 1 NOX(mg/n MIN ndition ndition ndition ndition ndition ndition				
1 2 3 4 5 6 7	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown cor	T# 1 NOX(mg/n				
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown cor	T# 1 NOX(mg/n				
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21		UNIT	Γ# 1 SOX(mg.	/nm3) MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN ndition				
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX Unit in	AVG Shutdown coi	T# 1 NOX(mg/n MIN ndition				
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX Unit in	AVG Shutdown coi	T# 1 NOX(mg/n MIN MIN Mittion Indition				
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX Unit in	AVG Shutdown coi	T# 1 NOX(mg/n MIN miltion ndition				
1 2 3 4 5 6 7 8 9 10 11	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN MIN Milton Indition I				
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21	AVG	AVG	F# 1 SOX(mg.	MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN Mill Mill Mill Mill Mill Mill Mill Mil	MAX	AVG	MIN	MAX
1 2 3 4 5 6 7 8 9 10 11 12	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21		UNIT	Γ# 1 SOX(mg.	MAX MAX Unit in	AVG shutdown coi	T# 1 NOX(mg/n MIN MIN Milton Indition I				
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 05-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	AVG	UNIT AVG	F# 1 SOX(mg. MIN MIN 790.3	MAX Unit in	NI AVG shutdown coi 300.41	T# 1 NOX(mg/n MIN	MAX 329.99	AVG 36.36	MIN 33.02	MAX
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	AVG 183.47 448.61	UNIT AVG	F# 1 SOX(mg. MIN	/nm3) MAX Unit in	NIT AND CONTROL OF THE PROPERTY OF THE PROPERT	T# 1 NOX(mg/n MIN MIN MIN MIN Milon	329.99 344.58	36.36 37.13	MIN 33.02 33.26	38.86 40.31
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	183.47 183.47 448.61 408.45 418.69 449.08	845.64 856.79 838.54 845.24 857.31	790.3 802.04 806.76 810.42 828.07	MMX Unit in Unit in	Note that the control of the control	T# 1 NOX(mg/n MIN MIN MIN MIN Million Indition I	329.99 344.58 341.57 344.4 343.78	36.36 37.13 36.14 36.52 37.16	33.02 33.26 33.9 34.1 35	38.86 40.31 38.43 38.39 39.04
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21	183.47 448.61 448.45 418.69 449.08 436.76	845.64 856.79 838.54 845.24 857.31 850.23	790.3 802.04 806.76 810.42 828.07 830.76	MAX Unit in 878.29 904.98 871.08 869.21 882.14	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN MIN Million Indition	329.99 344.58 341.57 344.4 343.78 344.74	36.36 37.13 36.14 36.52 37.16 36.78	33.02 33.26 33.9 34.1 35.3	38.86 40.31 38.43 38.39 38.39 38.26
1 2 3 4 5 6 7 7 8 9 9 10 111 12 13 14 15 16 17 18 19 20 21	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 16-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	183.47 183.47 448.61 448.65 449.08 436.76 461.33	845.64 856.79 838.54 845.24 857.31 862.83	790.3 802.04 806.76 810.42 828.07 810.3	MAX Unit in Unit in	NIMANGA SHUTGOWN COIS SH	T# 1 NOX(mg/n MIN Mill Mill Mill Mill Mill Mill Mill Mill	329.99 344.58 341.57 344.4 343.78 344.74 341.45	36.36 37.13 36.14 36.52 37.16 36.78	33.02 33.26 33.9 34.1 35 35.2 34.25	38.86 40.31 38.43 38.39 39.04 38.26 39.66
1 2 3 4 5 5 6 7 7 8 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 14-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	183.47 183.47 448.61 408.45 418.69 449.08 436.76 461.33 472.18	845.64 856.79 838.54 857.31 850.23 862.83 864.17	790.3 802.04 806.76 810.42 828.07 830.76 816.3 801.1	/m3) MAX Unit in U	Note that the control of the control	T# 1 NOX(mg/n MIN MIN Million Indition	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41	36.36 37.13 36.14 36.52 37.16 36.78 37.51	33.02 33.26 33.9 34.1 35 35.2 35.2 33.54	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	183.47 448.61 448.45 418.69 449.08 445.76 461.33 472.18 520.81	845.64 856.79 838.54 845.24 857.31 850.23 862.83 864.17 879.05	790.3 802.04 806.76 810.42 828.07 830.76 816.3 801.1 821.6	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/ng/nmin Min Min Min Min Min Min Min Min Min M	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.41	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51	33.02 33.26 33.9 34.1 35 35.2 34.25 33.54 34.68	38.86 40.31 38.43 38.39 38.26 39.66 39.66 39.87 40.86
1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 16-Sep-21 16-Sep-21 19-Sep-21 22-Sep-21 22-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 24-Sep-21	183.47 183.47 448.61 448.65 418.69 449.08 430.76 461.33 472.18 520.81 478.2	845.64 856.79 838.54 845.24 857.31 860.23 862.83 864.17 879.05 860.12	790.3 802.04 806.07 810.42 828.07 830.76 816.3 801.1 821.6 797.86	MAX Unit in 878.29 904.98 871.08 869.21 882.14 869.22 892.1 894.42 917.4 896.1	shutdown coishutdown coishutdo	T#1 NOX(mg/n MIN	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.2 343.89	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 38.19 37.17	33.02 33.26 33.26 33.9 34.1 35 35.2 34.25 33.54 34.68 33.31	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 39.85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21	183.47 183.47 448.61 408.45 449.08 436.76 436.73 472.18 520.81 478.2 471.79	845.64 856.79 838.54 857.31 850.23 862.83 864.17 879.05 860.12 860.12	790.3 802.04 806.76 810.42 828.07 830.76 816.3 821.6 821.6 811.66	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN Million Indition Indi	329.99 344.58 341.57 344.4 343.78 344.74 343.41 343.41 343.89 343.68	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 38.19 37.17 37.52	33.02 33.26 33.26 34.1 35 35.2 34.25 33.54 34.68 33.31 34.23	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 40.86 39.85 39.85
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 18-Sep-21 18-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21	183.47 448.61 408.45 418.69 449.08 436.76 461.33 472.18 520.81 478.2 471.79 478.31	845.64 856.79 838.54 845.24 857.31 850.23 862.83 864.17 879.05 860.12 864.21 865.08	790.3 802.04 806.76 810.42 830.76 816.3 821.6 797.86 821.6 827.82	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.2 343.89 343.68 344.58	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 37.17 37.52 37.59	33.02 33.26 33.9 34.1 35 35.2 34.25 34.25 34.25 33.54 34.23 35.26	38.86 40.31 38.43 38.39 38.26 39.66 39.85 40.86 39.85 39.9
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 14-Sep-21 16-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 23-Sep-21 23-Sep-21 24-Sep-21 26-Sep-21 26-Sep-21 26-Sep-21	AVG 183.47 184.61 448.61 448.65 418.69 449.08 430.76 461.33 472.18 520.81 478.2 471.79 478.31 480.3	845.64 856.79 838.54 845.23 862.83 864.17 879.05 860.12 864.21 865.08 870.11	790.3 802.04 806.76 810.42 828.07 830.7 816.3 801.1 821.6 797.86 811.62 825.77	MAX Unit in Unit in	shutdown coishutdown coishutdo	T#1 NOX(mg/ng/nmin Min Min Min Min Min Min Min Min Min M	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.2 343.89 343.68 344.58	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 37.51 37.52 37.52 37.96	33.02 33.26 33.26 33.9 34.1 35.2 34.25 33.54 34.25 33.54 33.31 34.23 35.26 35.15	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 40.86 39.85 39.9 40.08 40.45
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 14-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 17-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 24-Sep-21 26-Sep-21 26-Sep-21 27-Sep-21 27-Sep-21	183.47 183.47 448.61 408.45 449.08 436.76 461.73 472.18 520.81 478.2 471.79 478.31 480.3 465.76	845.64 856.79 838.54 857.31 850.23 862.83 864.17 879.05 860.12 865.08 870.11 856.51	790.3 802.04 806.76 810.42 828.07 830.76 816.3 821.6 821.6 821.6 821.6 821.6 825.77 820.9	MAX Unit in Unit in	shutdown coishutdown coishutdo	T# 1 NOX(mg/n MIN Min Min Mittion Indition Indit	329.99 344.58 341.57 344.4 343.78 344.74 343.41 343.41 343.89 343.68 344.58 344.58	36.36 37.13 36.14 36.52 37.16 36.74 37.51 38.19 37.17 37.52 37.59 37.59 37.59	33.02 33.26 33.9 34.1 35 35.2 34.25 33.54 34.68 33.31 34.23 35.26 34.23	38.86 40.31 38.43 38.43 38.26 39.66 39.87 40.86 39.85 39.9 40.08 40.08 39.74
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 14-Sep-21 16-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21	183.47 183.47 448.61 448.61 448.69 449.08 430.76 461.33 472.18 520.81 478.2 471.79 478.31 480.3	845.64 856.79 838.54 845.23 862.83 864.17 879.05 860.12 864.21 865.08 870.11	790.3 802.04 806.76 810.42 828.07 830.7 816.3 801.1 821.6 797.86 811.62 825.77	MAX Unit in Unit in	shutdown coishutdown coishutdo	T#1 NOX(mg/ng/nmin Min Min Min Min Min Min Min Min Min M	329.99 344.58 341.57 344.4 343.78 344.74 341.45 343.41 343.2 343.89 343.68 344.58	36.36 37.13 36.14 36.52 37.16 36.78 37.47 37.51 37.51 37.52 37.52 37.96	33.02 33.26 33.26 33.9 34.1 35.2 34.25 33.54 34.25 33.54 33.31 34.23 35.26 35.15	38.86 40.31 38.43 38.39 39.04 38.26 39.66 39.87 40.86 39.85 39.9 40.08 40.45

		CEMS DA	YWISE V	ALUES FO	OR THE M	ONTH OF	APR '20	21			
CNO	DATE	UNIT# 2 LOAD(MW)	UNIT#	2 SOX(m	g/nm3)	UNIT#	2 NOX(m	g/nm3)	UNIT#	2 DUST	(mg/nm3)
S.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-May-21	576	944	909	970	278	263	291	46	43	48
2	02-May-21	619	960	917	995	283	266	298	45	43	48
3	03-May-21	594	953	913	988	282	265	296	46	43	49
4	04-May-21	638	964	939	996	283	273	299	45	43	46
5	05-May-21	650	972	948	992	287	275	296	47	45	49
6	06-May-21	626	958	931	987	282	270	294	46	44	49
7	07-May-21	610	958	928	979	283	269	293	47	44	49
8	08-May-21	591	934	878	981	270	245	293	43	38	49
9	09-May-21	554	913	883	951	259	246	276	41	38	44
10	10-May-21	569	922	890	945	263	248	273	42	39	44
11	11-May-21	571	925	897	948	264	250	275	42	39	44
12	12-May-21	618	940	912	971	268	255	281	43	40	45
13	13-May-21	585	928	897	949	265	251	275	42	39	44
14	14-May-21	607	935	902	971	266	252	281	42	40	45
15	15-May-21	637	939	919	973	266	258	283	42	41	46
16	16-May-21	595	933	908	952	266	254	276	42	40	44
17	17-May-21	610	940	912	971	269	255	281	43	40	45
18	18-May-21	639	945	914	971	269	255	281	43	40	45
19	19-May-21	617	938	919	962	267	258	279	42	41	45
20	20-May-21	619	935	918	960	265	257	279	42	40	45
21	21-May-21	646	949	927	976	271	259	284	43	41	46
22	21-May-21 22-May-21	638	949	927	976	271	260	284	43	41	46
			933	909	957				43		44
23	23-May-21	614				265	254	276		40	
24 25	24-May-21 25-May-21	615 604	939 930	904 905	974 960	268 264	253 253	282 279	43 42	40 40	45 45
26	26-May-21	640	949	905	976	271	259	283	43	41	46
27	27-May-21	648	949	928	976	271	260	284	43	41	46
28	28-May-21	598	925	896	960	263	250	278	42	39	45
29	29-May-21	582	929	898	949	266	252	275	42	39	44
30	30-May-21	586			950				42	39	44
			9//	1 897	950	764	1 250	//5	4/	1 39	44
	30-111ay-21		927 YWISE V	897 ALUES FO		264 ONTH OF	250 MAY '20	275 21	42	39	44
	1	CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF		21		ı	mg/nm3)
S.NO.	DATE		YWISE V		R THE M	ONTH OF	MAY '20	21		ı	
	1	CEMS DA UNIT# 2 LOAD(MW)	YWISE V/ UNIT#	ALUES FO 2 SOX(m	OR THE M g/nm3)	ONTH OF UNIT#	MAY '20 2 NOX(m	21 g/nm3)	UNIT#	2 DUST(mg/nm3)
S.NO. 1 2	DATE 01-May-21 02-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65	YWISE VA UNIT# AVG	ALUES FO 2 SOX(m MIN	PR THE M g/nm3) MAX 997.12 995.24	ONTH OF UNIT# AVG	MAY '20 2 NOX(m MIN	21 g/nm3) MAX 414.84 414.4	UNIT# AVG 44.09 44.05	2 DUST(MIN 41.96 41.41	mg/nm3) MAX
S.NO. 1 2 3	DATE 01-May-21 02-May-21 03-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69	YWISE V/ UNIT# AVG 966.64 962.59 962.94	2 SOX(m MIN 940.84 934.81 919.57	PR THE M g/nm3) MAX 997.12 995.24 991.84	ONTH OF UNIT# AVG 403.2 402.34 402.16	MAY '20 2 NOX(m MIN 394.06 391.65 386.65	21 g/nm3) MAX 414.84 414.4 413.35	UNIT# AVG 44.09 44.05 43.9	2 DUST(MIN 41.96 41.41 40.55	mg/nm3) MAX 46.93 46.76 46.59
S.NO. 1 2 3 4	DATE 01-May-21 02-May-21 03-May-21 04-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42	YWISE VA UNIT# AVG 966.64 962.59 962.94 962.46	ALUES FO 2 SOX(m MIN 940.84 934.81 919.57 932.67	997.12 991.84 975.06	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75	21 g/nm3) MAX 414.84 414.4 413.35 407.04	UNIT# AVG 44.09 44.05 43.9 44.03	2 DUST(MIN 41.96 41.41 40.55 41.74	mg/nm3) MAX 46.93 46.76 46.59 45.45
S.NO. 1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26	2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84	997.12 995.24 997.84 975.06 984.94	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57	2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52	UNIT# AVG 44.09 44.05 43.9 44.03 43.42	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04
\$.NO. 1 2 3 4 5 6	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05	2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75	997.12 995.24 997.84 975.06 984.94 986.44	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26	2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01
\$.NO. 1 2 3 4 5 6 7	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18	997.12 995.24 991.84 975.06 984.94 990	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44
S.NO. 1 2 3 4 5 6 7 8	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43	97.12 995.24 997.84 975.06 984.94 986.44 990 985.56	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2
S.NO. 1 2 3 4 5 6 7 8	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08
S.NO. 1 2 3 4 5 6 7 8 9 10	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69	97.12 995.24 997.84 975.06 984.94 986.44 990 985.56	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4
S.NO. 1 2 3 4 5 6 7 8	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08
S.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52	97.12 995.24 997.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 412.35 411.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52 U	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shuinit in shu	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DATE 01-May-21 02-May-21 03-May-21 05-May-21 06-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91	97.12 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shull in shul	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co 375.07 381.24 401.04	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52	975.06 984.94 985.56 984.94 990.84 986.44 990 985.56 989.43 987.84 923.25 nit in shu nit in shu 928.06 976.46 992.54	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 375.07 381.24 401.04 403.2	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86 392.76	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 15-May-21 17-May-21 17-May-21 18-May-21 19-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54	975.06 984.94 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu pit in shu 928.06 976.46 992.54 990.84	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 375.07 381.24 401.04 403.2 404.89	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86 392.76 393.89	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 39.71 39.05 37.26 36.9 40.55 41.78 41.8	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04	975.06 984.94 990 985.56 984.94 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.64 403.2 404.89 399.08	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 Indition Indition 362.48 362.84 379.86 392.76 393.89 390.31	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04	975.06 984.94 990.985.56 984.94 990.985.56 989.43 987.84 923.25 nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.64 401.04 403.2 404.89 399.08 400.14	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 18-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21	975.06 984.94 990 985.56 984.94 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	DATE 01-May-21 02-May-21 03-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 24-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.64 401.64 403.2 404.89 399.08 400.14 400.78	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	DATE 01-May-21 02-May-21 03-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 22-May-21 25-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3 41.83	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61 45.71
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	DATE 01-May-21 02-May-21 03-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 22-May-21 22-May-21 22-May-21 22-May-21 23-May-21 25-May-21 27-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3 41.83 40.87	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98 584.37	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67 949.94	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48 923.86 924.48	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6 992.61 976.41	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14 398.68	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17 388.35	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25 407.38	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21 43.52	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3 41.83 40.87 40.95	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61 45.71 45.64
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 09-May-21 11-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98 584.37 622.04	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67 949.94 950.12	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48 923.86 924.48	PR THE M g/nm3) MAX 997.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shu nit in shu nit in shu 928.06 976.46 992.54 990.84 992.51 983.7 990.47 994.55 994.6 992.61 976.41 972.2 989.77	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14 398.68 399.84	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17 388.35 387.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25 407.38 412.47 415.95 412.06	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21 43.52 43.37	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3 41.83 40.87 40.95 40.73	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61 45.71 45.64 46.35
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	DATE 01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 09-May-21 10-May-21 11-May-21	CEMS DA UNIT# 2 LOAD(MW) AVG 640.41 619.65 625.69 620.42 631.57 634.47 621.74 616.74 618.9 629.67 590.65 449.75 257.32 440.24 611.14 626.92 640.57 631.36 632.16 615.5 636.98 642.02 600.98 584.37 622.04 648.55	YWISE V/ UNIT# AVG 966.64 962.59 962.94 962.46 959.26 966.05 960.95 957.42 959.96 963.88 949.23 902.64 871.71 893.54 958.57 965.32 970.84 955.31 958.12 957.97 971.09 969.67 949.94 950.12 956.76	ALUES FC 2 SOX(m MIN 940.84 934.81 919.57 932.67 938.84 935.75 936.18 936.43 935.65 938.69 889 881.52 U U 838.65 840.07 887.91 939.52 942.54 931.04 938.49 930.21 947.8 943.48 923.86 924.48 922.9 943.07	97.12 995.24 991.84 975.06 984.94 986.44 990 985.56 985.08 989.43 987.84 923.25 nit in shull	ONTH OF UNIT# AVG 403.2 402.34 402.16 402.31 400.57 403.26 401.64 400.43 401.41 402.51 398.22 383.94 tdown co tdown co tdown co tdown co 401.40 403.2 404.89 399.08 400.14 400.78 405.14 404.39 398.14 398.68 399.84 403.93	MAY '20 2 NOX(m MIN 394.06 391.65 386.65 390.75 392.77 391.59 392.09 392.04 391.76 392.59 378.54 375.7 ndition ndition ndition 362.48 362.84 379.86 392.76 393.89 390.31 392.5 390.4 395.95 394.15 388.17 388.35 387.7	21 g/nm3) MAX 414.84 414.4 413.35 407.04 410.52 411.07 412.69 411.28 410.95 411.84 392.04 393.84 407.1 412.9 412.81 413.35 410.03 412.69 413.84 414.13 413.39 407.25 407.38 412.47 415.95	UNIT# AVG 44.09 44.05 43.9 44.03 43.42 44.15 43.82 43.62 43.85 43.99 43.34 41.07 39.91 40.65 43.84 44.2 44.49 43.14 43.38 43.73 44.57 44.32 43.21 43.52 43.37	2 DUST(MIN 41.96 41.41 40.55 41.74 41.62 41.34 41.49 41.51 41.45 41.54 39.71 39.05 37.26 36.9 40.55 41.78 41.8 41.2 41.52 41.34 42.3 41.83 40.87 40.95 40.73 42.06	mg/nm3) MAX 46.93 46.76 46.59 45.45 46.04 46.01 46.44 46.2 46.08 46.4 46.24 43.03 43.44 45 46.27 46.46 46.51 45.79 46.39 46.54 46.69 46.61 45.71 45.64 46.35 47.01

		CEMS DA	YWISE V	ALUES FO	OR THE M	ONTH OF	JUN '20	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)		2 SOX(m			2 NOX(m				mg/nm3)
3.110.		AVG	AVG	MIN	MAX	AVG	WIN	MAX	AVG	MIN	MAX
1	01-Jun-21	641.64	968.05	946.63	995.45	403.74	395.1	414.43	44.14	41.73	46.76
2	02-Jun-21	627.37	968.44	940.74	990.3	404.43	393.72	412.9	44.52	41.52	46.52
3	03-Jun-21	630.22	969.33	933.66	994.03	404.68	391.12	414.01	44.51	41.33	46.69
4	04-Jun-21	642.82	966.5	943.36	999.43	403.09	394.18	415.63	44	42	46.94
5	05-Jun-21	633.26	963.63	948.32	981.93	402.35	396.6	409.9	43.94	42.38	45.87
6	06-Jun-21	631.53	964.65	938.62	989.24	402.72	392.84	412.23	44.01	41.63	46.41
7	07-Jun-21	635.99	966.91	943.88	990.15	403.52	394.1	412.55	44.18	41.76	46.35
8	08-Jun-21	634.06	965.87	939.6	987.16	403.17	392.71	411.34	44.12	41.5	46.05
9	09-Jun-21	641.71	967.62	948.81	991.22	403.56	395.96	413.04	44.08	42.11	46.55
10	10-Jun-21	602.19	951.63	875.09	985.52	398.75	375.33	411.04	43.35	39.59	46.07
11 12	11-Jun-21 12-Jun-21	644.46 646.75	973.98 974.55	943.29 947.95	996.27 996.71	405.98 406.17	394.36 395.24	414.57 414.75	44.7 44.7	41.87 41.9	46.74 46.34
13	13-Jun-21	634.16	963.57	939.34	989.79	400.17	393.24	412.61	43.85	41.68	46.43
14	13-3011-21 14-Jun-21	646.28	969.84	939.34	988.48	404.28	394.79	411.98	44.23	41.7	46.26
15	15-Jun-21	643.56	970.21	946.91	994.37	404.26	395.69	414.14	44.23	42.2	46.72
16	16-Jun-21	618.83	959.28	923.05	985.02	401.14	391.66	410.89	43.72	41.4	46.05
17	17-Jun-21	618.72	955	879.14	993.25	399.48	374.66	413.48	43.37	38.76	46.5
18	18-Jun-21	637.24	972.82	953.72	994.86	405.79	398.7	414.06	44.7	42.68	46.62
19	19-Jun-21	632.91	965.54	922.56	998.25	403.73	387.71	415.31	44.05	40.78	46.9
20	20-Jun-21	602.41	954.52	843.89	992.65	399.94	363.98	413.42	43.67	37.08	46.57
21	21-Jun-21	618.79	961.44	921.75	987.6	401.98	387.37	411.87	43.96	40.69	46.28
22	22-Jun-21	648.61	967.55	942.94	993.56	403.29	394.36	413.84	44	42.01	46.66
23	23-Jun-21	641.05	970.67	928.32	996.71	404.87	391.21	414.79	44.47	41.67	46.8
24	24-Jun-21	647.72	970.99	944.78	997.9	404.75	394.71	414.93	44.39	41.86	46.74
25	25-Jun-21	628.37	958.21	927.62	991.61	400.4	389.2	412.48	43.54	40.99	46.41
26	26-Jun-21	633.78	967.28	934.91	995.63	403.63	391.36	414.41	44.2	41.32	46.72
27	27-Jun-21	633.69	961.78	934.11	990.9	401.57	391.32	412.69	43.69	41.39	46.34
28	28-Jun-21	602.15	955.16	933.46	979.46	400.08	392.09	408.93	43.69	41.73	45.73
29	29-Jun-21	595.78	952.03	919.61	976.22	398.97	386.91	408.15	43.43	40.69	45.73
30	30-Jun-21	632.01	965.39	931.35	991.64	402.92	390.29	412.93	44.04	41.15	46.39
			YWISE V	ALUES FO	OR THE N	онтиог	JUL '20	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)	UNIT#	2 SOX(m	g/nm3)	UNIT#	2 NOX(m	g/nm3)			mg/nm3)
S.NO.	DATE	UNIT# 2 LOAD(MW) AVG	UNIT#	2 SOX(m MIN	g/nm3) MAX	UNIT#	2 NOX(m MIN	g/nm3) MAX	AVG	MIN	MAX
1	01-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18	UNIT# AVG 967.04	2 SOX(m MIN 939.72	g/nm3) MAX 991.23	UNIT# AVG 403.22	2 NOX(m MIN 392.78	mAX 412.71	AVG 44.01	MIN 41.53	MAX 46.39
1 2	01-Jul-21 02-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12	UNIT# AVG 967.04 959.42	2 SOX(m MIN 939.72 933.34	g/nm3) MAX 991.23 983.66	UNIT# AVG 403.22 401.4	2 NOX(m MIN 392.78 390.93	g/nm3) MAX 412.71 410.78	AVG 44.01 43.89	MIN 41.53 41.26	MAX 46.39 45.98
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6	UNIT# AVG 967.04 959.42 964.3	2 SOX(m MIN 939.72 933.34 942.09	g/nm3) MAX 991.23 983.66 995.8	UNIT# AVG 403.22 401.4 402.49	2 NOX(m MIN 392.78 390.93 393.95	g/nm3) MAX 412.71 410.78 414.42	44.01 43.89 43.94	MIN 41.53 41.26 41.98	MAX 46.39 45.98 46.71
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55	967.04 959.42 964.3 969.04	2 SOX(m MIN 939.72 933.34 942.09 941.45	g/nm3) MAX 991.23 983.66 995.8 995.86	UNIT# AVG 403.22 401.4 402.49 404.03	2 NOX(m MIN 392.78 390.93 393.95 393.3	MAX 412.71 410.78 414.42 414.38	44.01 43.89 43.94 44.19	MIN 41.53 41.26 41.98 41.61	MAX 46.39 45.98 46.71 46.68
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31	g/nm3) MAX 991.23 983.66 995.8 995.86 994.74	UNIT# AVG 403.22 401.4 402.49 404.03 404.63	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2	44.01 43.89 43.94 44.19 44.37	MIN 41.53 41.26 41.98 41.61 42.08	MAX 46.39 45.98 46.71 46.68 46.71
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12	44.01 43.89 43.94 44.19 44.37 43.24	MIN 41.53 41.26 41.98 41.61 42.08 40.91	MAX 46.39 45.98 46.71 46.68 46.71 46.37
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2	44.01 43.89 43.94 44.19 44.37	MIN 41.53 41.26 41.98 41.61 42.08	MAX 46.39 45.98 46.71 46.68 46.71
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shu	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12	44.01 43.89 43.94 44.19 44.37 43.24	MIN 41.53 41.26 41.98 41.61 42.08 40.91	MAX 46.39 45.98 46.71 46.68 46.71 46.37
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94	UNIT# AVG 967.04 959.42 964.3 969.04 970.58	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shuthit in shuthit in shuthit	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12	44.01 43.89 43.94 44.19 44.37 43.24	MIN 41.53 41.26 41.98 41.61 42.08 40.91	MAX 46.39 45.98 46.71 46.68 46.71 46.37
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shuthit in	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull in shull in shull in shull 970.57	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition a74.36	g/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5	UNIT# AVG 967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shuthit in	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61	967.04 959.42 964.3 969.04 970.58 954.46 939.8	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shut nit in shut 970.57 988.39 987.87	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 404.03 395.39 397.5 401.18 395.31	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84 42.81	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84 42.81 43.51	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56	AVG 44.01 43.89 43.94 44.19 44.37 43.24 42.41 42.82 43.18 43.84 42.81 43.51 42.98	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69	42.82 43.84 42.81 43.51 42.98 43.71	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95	42.82 43.51 42.87 43.71 44.89 44.19 44.37 43.24 42.41	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shut nit in shut 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69	42.82 43.84 42.81 43.51 42.98 43.71	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19	42.82 43.51 42.87 43.71 43.84 42.81 43.51 42.87	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 18-Jul-21 19-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34	42.82 43.94 44.41 43.24 42.41 42.82 43.18 43.84 42.81 43.51 42.98 43.71 42.87 41.15 40.2	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1	42.82 43.51 42.87 43.71 43.84 42.81 43.84 42.81 43.84 42.81 43.84 42.81 43.84 44.85 45.84	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51	42.82 43.94 44.41 43.24 42.41 42.82 43.18 43.84 42.81 43.51 42.98 43.71 42.87 41.15 40.2 40.48 40.99	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21	UNIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18	42.82 43.18 43.84 42.81 43.51 42.87 41.15 40.2 40.48 40.99 42.35	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull p70.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84	42.82 43.18 43.84 42.81 43.51 42.87 41.15 40.2 40.48 40.99 42.35 41.76	## MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39 1000	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96	42.82 43.18 43.84 42.81 43.51 42.87 41.15 40.2 40.48 40.99 42.35 41.76 43.06	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6 569.55	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47 896.66	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull 970.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39 1000 996.16	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45	42.82 43.18 43.84 42.81 43.51 42.87 40.2 40.48 40.99 42.35 41.76 43.06 42.87	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75 45.63
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 29-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6 569.55 589.64	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26 947.64 941.17	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47 896.66 915.25	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull p70.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39 1000 996.16 996.47 972.65	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09 397.58 395.63 396.48	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28 377.41 383.28 385.4	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45 414.63 407.46 409.39	42.82 43.18 43.84 42.41 42.82 43.18 43.84 42.81 43.51 42.87 41.15 40.2 40.48 40.99 42.35 41.76 43.06 42.87 43.19 42.89 42.93	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08 39.74 40.79 40.38	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75 45.63 45.92
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	WIT# 2 LOAD(MW) AVG 645.18 614.12 633.6 644.55 645.82 622.94 139.5 413.41 591.36 612.61 574.12 607.93 589.28 627.17 595.29 488.13 460.36 453.56 459.56 563.58 533.22 546.14 546.18 591.6 569.55	967.04 959.42 964.3 969.04 970.58 954.46 939.8 941.04 947.94 958.66 940.44 954.3 946.25 960.15 944.76 904.73 893.88 893.08 900.95 932.97 921.43 936.67 934.26 947.64 941.17	2 SOX(m MIN 939.72 933.34 942.09 941.45 945.31 925.79 882.81 U U 868.87 878.76 897.45 864.77 920.67 889.15 937.58 847.63 838.51 840.52 835.52 845.28 835.57 847 859.66 845.23 883.47 896.66	9/nm3) MAX 991.23 983.66 995.8 995.86 994.74 988.03 985.96 nit in shull nit in shull p70.57 988.39 987.87 981.42 981.03 993.78 984.45 990.53 984.52 960.32 989.98 987.89 982.35 984.39 1000 996.16 996.47 972.65	UNIT# AVG 403.22 401.4 402.49 404.03 404.63 399.07 394.45 tdown co tdown co tdown co tdown co 395.39 397.5 401.18 395.31 399.56 396.86 401.21 396.27 384.52 380.54 380.91 383.42 392.79 389.27 395.05 394.09 397.58 395.63	2 NOX(m MIN 392.78 390.93 393.95 393.3 395.01 388.64 375.55 ndition ndition 374.36 377.71 383.9 372.64 387.5 378.59 393.28 366.13 362.45 362.92 361.5 364.86 361.15 365.27 370.75 364.28 377.41 383.28	9/nm3) MAX 412.71 410.78 414.42 414.38 414.2 412.12 411.41 405.98 411.8 412.1 409.49 409.68 413.56 410.69 412.95 410.19 403.34 412.1 411.51 409.18 409.84 415.96 414.45 414.63 407.46	42.82 43.18 43.84 42.81 43.51 42.87 41.76 43.06 42.87 43.19 42.89	MIN 41.53 41.26 41.98 41.61 42.08 40.91 38.82 39.12 40.45 40.4 39.78 40.88 39.72 42 37.8 36.8 36.9 36.71 37.39 36.51 37.41 38.9 37.08 39.74 40.79	MAX 46.39 45.98 46.71 46.68 46.71 46.37 46.37 46.22 45.36 46.15 46.38 45.89 45.95 46.48 46.01 46.53 45.86 44.87 46.13 46.05 45.6 46 47 46.68 46.75 45.63

		CEMS DA	YWISE V	ALUES FO	OR THE M	ONTH OF	AUG '20	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)		2 SOX(m			2 NOX(m				(mg/nm3)
3.110.	DATE	AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	WIN	MAX
1	01-Aug-21	520.65	922.5	867.3	943.2	390	374.3	398.4	42.02	39.9	44.16
2	02-Aug-21	520.56	920.9	886.2	959.1	389.4	377.1	403.1	41.88	39.3	44.86
3	03-Aug-21	494.4	911.2	873.4	948.8	386.3	372.8	400.2	41.37	38.4	44.5
4	04-Aug-21	547.23	934.2	889.3	961.2	393.4	378.5	403.2	42.48	39.7	44.78
5	05-Aug-21	546.21	932.68	900.5	967.7	393.17	381.21	405.86	42.56	39.82	45.34
6	06-Aug-21	515.96	920.06	899.63	943.95	389.19	381.18	398.85	41.86	39.55	44.31
7	07-Aug-21	529.89	930.89	899.91	956.71	392.94	380.91	402.52	42.64	39.73	44.81
8	08-Aug-21	545.1	931.34	906.85	955.58	392.62	382.78	402.19	42.38	40.4	44.81
9	09-Aug-21	568.16	940.75	905.96	970.16	395.56	383.09	406.3	42.92	40.2	45.29
10	10-Aug-21	565.68	938.42	906.16	973.22	394.6	382.72	406.78	42.65	39.85	45.45
11	11-Aug-21	566.97	939.77	915.27	969.33	395.26	386.17	406.44	42.87	40.79	45.47
12	12-Aug-21	553.81	930.35	898.58	962.7	392.04	380.4	403.94	42.24	39.61	45.01
13	13-Aug-21	545.03	934.07	901.63	962.86	393.66	381.36	403.99	42.62	39.77	45.03
14	14-Aug-21	564.57	943.1	916.41	968.77	396.59	386.67	406.29	43.22	40.93	45.45
15	15-Aug-21	557.57	937.8	903.05	967.95	394.78	381.89	406.06	42.85	39.9	45.42
16	16-Aug-21	543.12	927.21	904.04	953.85	391.04	382.2	401.74	42	39.91	44.72
17	17-Aug-21	561.96	937.53	905.69	964.3	394.42	382.66	403.96	42.66	40	44.71
18	18-Aug-21	514.59	921.58	896.33	948.25	389.97	380.83	400.11	42.1	39.97	44.49
19	19-Aug-21	517.32	919.1	894.4	955	388.7	379.4	402.2	41.73	39.5	44.83
20	20-Aug-21	550.06	933.5	901.7	962	393.1	383	403.3	42.44	40.7	44.62
21	21-Aug-21	513.94	923.1	886.5	954	390.6	377.7	401.1	42.28	39.5	44.43
22	22-Aug-21	520.8	921.3	901.2	947.7	389.4	381.9	399.7	41.85	40	44.37
23	23-Aug-21	537.63	928.3	887	973.3	391.6	377	407.7	42.22	39.1	45.48
24	24-Aug-21	570.2	947.4	916.5	969.2	398.1	385.8	406.3	43.49	40.4	45.39
25	25-Aug-21	606.68	956.3	932.6	984.4	400.3	390.6	411	43.73	41.2	46.15
26	26-Aug-21	529.84	922	886.3	957.4	389.7	376.9	402.8	41.88	39.1	44.87
27	27-Aug-21	581.91	950.2	913.6	979.3 992.1	398.6	385	408.7	43.48	40.4	45.67
28	28-Aug-21	180.42	936.4	822		393.7	357.4	413	42.39	36	46.38
29	29-Aug-21					tdown co					
30	30-Aug-21					tdown co					
31	31-Aug-21	05110.5				tdown co		•			
		CEMS DA		ALUES FO	JK IHE N	ION I H OF	- SEP 20	21			
S.NO.				0.001/	, -,		0.1101//	, -		0.0110=	, , =\
	DATE	UNIT# 2 LOAD(MW)		2 SOX(m	· ·		2 NOX(m				(mg/nm3)
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Sep-21	AVG 179.58	AVG 920.52	MIN 873.72	MAX 946.57	AVG 294.99	MIN 279.82	MAX 306.79	AVG 41.85	MIN 39.85	MAX 44.19
2	01-Sep-21 02-Sep-21	AVG 179.58 563.07	920.52 932.38	MIN 873.72 912.47	MAX 946.57 949.3	AVG 294.99 297.67	MIN 279.82 272.8	MAX 306.79 330.5	41.85 42.6	MIN 39.85 40.33	MAX 44.19 44.97
2	01-Sep-21 02-Sep-21 03-Sep-21	AVG 179.58 563.07 591.87	920.52 932.38 930.96	MIN 873.72 912.47 900.91	MAX 946.57 949.3 949.42	AVG 294.99 297.67 299.26	MIN 279.82 272.8 272.32	MAX 306.79 330.5 329.2	41.85 42.6 42.92	MIN 39.85 40.33 40.73	MAX 44.19 44.97 44.81
2 3 4	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	AVG 179.58 563.07 591.87 564.87	920.52 932.38 930.96 927.04	MIN 873.72 912.47 900.91 900.6	MAX 946.57 949.3 949.42 949.37	AVG 294.99 297.67 299.26 298.6	MIN 279.82 272.8 272.32 272.26	MAX 306.79 330.5 329.2 329.69	41.85 42.6 42.92 42.8	39.85 40.33 40.73 39.89	MAX 44.19 44.97 44.81 44.7
2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41	920.52 932.38 930.96 927.04 932.05	MIN 873.72 912.47 900.91 900.6 906	MAX 946.57 949.3 949.42 949.37 949.28	294.99 297.67 299.26 298.6 307.54	MIN 279.82 272.8 272.32 272.26 274.75	MAX 306.79 330.5 329.2 329.69 331.68	41.85 42.6 42.92 42.8 43.41	MIN 39.85 40.33 40.73 39.89 41.21	MAX 44.19 44.97 44.81 44.7 44.98
2 3 4 5 6	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89	920.52 932.38 930.96 927.04 932.05 926.67	MIN 873.72 912.47 900.91 900.6 906 904.02	MAX 946.57 949.3 949.42 949.37 949.28 945.72	AVG 294.99 297.67 299.26 298.6 307.54 307.39	MIN 279.82 272.8 272.32 272.26 274.75 273.97	MAX 306.79 330.5 329.2 329.69 331.68 329.62	41.85 42.6 42.92 42.8 43.41 42.97	MIN 39.85 40.33 40.73 39.89 41.21 40.13	MAX 44.19 44.97 44.81 44.7 44.98 44.88
2 3 4 5 6 7	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03	41.85 42.6 42.92 42.8 43.41 42.97 43.31	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99
2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76
2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95
2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93
2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93
2 3 4 5 6 7 8 9 10	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65
2 3 4 5 6 7 8 9 10 11	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.9
2 3 4 5 6 7 8 9 10 11 12	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48 274.84	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84 39.72 40.26	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9
2 3 4 5 6 7 8 9 10 11 12 13	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 272.69 275.3 276.48	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84 39.72	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.9
2 3 4 5 6 7 8 9 10 11 12 13 14	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 36.77 39.53 39.84 39.72 40.26 39.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.94 44.99 44.44
2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4	MIN 279.82 272.8 272.32 272.26 274.75 274.38 276.33 272.89 273 272.69 275.3 276.48 274.84 272.9	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42.94	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.94 44.99 44.44 43.21
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 422.64 462.27 456.22	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 878.4	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.69 275.3 276.48 274.84 272.9 273 273.8 272.7 277.3 275.6	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.3 37.6 39.3 38.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.99 44.44 43.21 42.79 42.51 43.15 43.13
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 422.64 462.27 456.22 481.1	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 878.4 867.5 868.5	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 275.69 273 274.84 272.9 273 273.8 272.7 277.3 275.6 274.6	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 878.4 867.5 868.5 877.8 896.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 304.31 300.53 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3	MIN 279.82 272.8 272.32 272.26 274.75 273.97 274.38 276.33 272.89 273 275.69 275.3 276.48 274.84 272.9 273 273.8 272.7 277.3 275.6 274.6 273.1	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.3 38.7	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.93 44.65 44.64 44.9 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2	MIN 873.72 912.47 900.91 900.6 906 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9	MIN 279.82 272.8 272.32 272.26 274.75 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273 275.6 274.6 274.6 274.6 274.6 274.6	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 12-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71 502.13	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2 911.5	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2 946.8	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9 296.1	MIN 279.82 272.8 272.32 272.26 274.75 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273 275.6 274.6 274.6 274.6 274.6 274.6	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5 39.5	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71 502.13	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 928.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2 911.5 917.7	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2 878	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2 946.8 943.5 942.5	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9 296.1	MIN 279.82 272.8 272.26 274.75 273.97 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273 275.6 274.6 273.1 274.1 272.9 274.9 282.1	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4 331.7 330.7	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41 41.9	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5 39.5 39.3	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39 44.39
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 12-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21 27-Sep-21	AVG 179.58 563.07 591.87 564.87 601.41 593.89 595.76 513.12 531.73 515.17 563.84 555.34 559.58 586.4 530.5 465.28 425.47 422.64 462.27 456.22 481.1 496.24 525.36 499.71 502.13 496.68 507.5	AVG 920.52 932.38 930.96 927.04 932.05 926.67 931.48 903.68 907.78 907.57 922.52 932.06 929.1 923.7 901.4 884.3 883.5 904.5 898 905.8 908.3 920.2 911.5 917.7 912.5	MIN 873.72 912.47 900.91 900.6 904.02 905.53 843.38 839.51 838.54 882.76 900.88 901.24 900.84 893.2 852.4 863.9 854.4 867.5 868.5 877.8 896.2 880.2 878	MAX 946.57 949.3 949.42 949.37 949.28 945.72 946.65 939.87 944.18 945.88 949.5 946.6 948.68 946.52 947.2 931.7 917.5 908.5 931.8 920.7 936.1 946.4 941.2 946.8 943.5 942.5 944.7	AVG 294.99 297.67 299.26 298.6 307.54 307.39 309.23 307.36 296.7 301.23 303.49 299.31 296.5 293.4 302.1 296.4 303.3 305.6 301.2 302.3 303.8 304.9 296.1 304.8	MIN 279.82 272.8 272.26 274.75 273.97 274.38 276.33 272.89 273 275.3 276.48 274.84 272.9 273 275.6 274.6 273.1 274.6 274.1 272.9 282.1 272.4	MAX 306.79 330.5 329.2 329.69 331.68 329.62 329.03 331.53 329.04 329.55 328.04 331.67 328.59 330.14 322.3 323.5 328.9 330.7 331.1 329.4 326 328.2 331.4 331.7 330.7	AVG 41.85 42.6 42.92 42.8 43.41 42.97 43.31 41.43 42.13 41.69 42.42 42.5 42.6 42.94 42 41.02 39.97 40.02 41.28 40.85 41.11 41.04 41.65 41.41 41.9 41.93	MIN 39.85 40.33 40.73 39.89 41.21 40.13 40.83 37.18 36.67 39.53 39.84 39.72 40.26 39.3 37.7 37.6 39.3 38.3 38.7 39.5 39.5 39.5 39.5	MAX 44.19 44.97 44.81 44.7 44.98 44.88 44.99 44.76 44.95 44.65 44.64 44.99 44.44 43.21 42.79 42.51 43.15 43.13 43.9 44.41 43.99 44.39 44.39

		CEMS DA	YWISE V	ALUES FO	R THE M						
S.NO.	DATE	UNIT# 3 LOAD(MW)		3 SOX(m	g/nm3)		3 NOX(m	g/nm3)	UNIT# 3 I	DUST(m	g/nm3)
3.140.		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Apr-21	496	896	841	950	277	260	295	45	41	48
2	02-Apr-21	562	883	826	944	273	254	293	44	40	48
3	03-Apr-21	639	894	823	937	275	253	290	45	40	48
4	04-Apr-21	632	906	837	942	279	257	292	45	41	48
5	05-Apr-21	581	890	830	941	274	255	292	44	41	48
6	06-Apr-21	592	889	829	939	274	255	291	44	41	47
7 8	07-Apr-21 08-Apr-21	563 561	884 883	826 835	945 931	273 273	254 257	293	44	40	48 47
9	08-Apr-21	579	879	830	934	273	256	288 290	44	41	47
10	10-Apr-21	564	896	838	944	277	258	293	45	41	48
11	11-Apr-21	597	906	844	946	280	260	293	45	42	48
12	12-Apr-21	471	915	839	945	283	258	293	46	41	48
13	13-Apr-21	454	896	840	947	276	258	294	45	41	48
14	14-Apr-21	435	908	851	948	280	261	294	45	42	48
15	15-Apr-21	506	923	897	944	285	274	293	44	42	46
16	16-Apr-21	544	912	851	941	281	262	291	46	43	48
17	17-Apr-21	517	901	837	946	278	257	293	45	41	48
18	18-Apr-21	545	910	846	945	281	261	293	46	42	48
19	19-Apr-21	583	906	828	945	279	254	293	45	41	48
20	20-Apr-21	595	914	859	950	282	265	295	46	43	48
21	21-Apr-21	585	905	843	939	279	259	291	45	41	48
22	22-Apr-21	552	908	842	933	279	258	288	45	41	47
23	23-Apr-21	559	919	874	947	283	270	294	46	44	48
24	24-Apr-21	548	916	866	946	283	268	293	46	43	48
25	25-Apr-21	568	915	897	944	281	274	293	46	44	48
26	26-Apr-21	569	906	840	946	279	258	293	45	41	48
27 28	27-Apr-21	555 556	894 905	832 839	949 944	275 279	255 259	294 293	45 45	41 41	48 48
28	28-Apr-21 29-Apr-21	570	916	878	944	282	269	293	46	43	48
30	30-Apr-21	599	907	840	949	279	259	294	45	41	48
-50	30 Apr 21								72	71	70
		CEMS DA	YVVISE VA	ILUES FU	RIHEM	ONIHOF	MAY '20	21			
							MAY '20' 3 NOX(m		UNIT# 3 I	DUST(m	g/nm3)
S.NO.	DATE	UNIT# 3 LOAD(MW) AVG		3 SOX(m MIN			3 NOX(m MIN		UNIT# 3 I	DUST(m	g/nm3) MAX
S.NO .	DATE 01-May-21	UNIT# 3 LOAD(MW)	UNIT#	3 SOX(m	g/nm3)	UNIT#	3 NOX(m	g/nm3)			
		UNIT# 3 LOAD(MW) AVG	UNIT#	3 SOX(m MIN	g/nm3) MAX	UNIT# AVG 396.1 395.5	3 NOX(m MIN	g/nm3) MAX	AVG	MIN	MAX
1 2 3	01-May-21 02-May-21 03-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26	UNIT# AVG 970.1 968.4 974	3 SOX(m MIN 946 934.3 939.6	g/nm3) MAX 995.6 999.6 1000	UNIT# AVG 396.1 395.5 397.5	3 NOX(m MIN 386.8 382.9 384.9	g/nm3) MAX 406.2 407.5 408.1	43.14 43.09 43.44	MIN 41.3	MAX 45.2 45.5 45.5
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04	970.1 968.4 974 968.9	3 SOX(m MIN 946 934.3 939.6 942	g/nm3) MAX 995.6 999.6 1000 994.7	UNIT# AVG 396.1 395.5 397.5 395.8	3 NOX(m MIN 386.8 382.9 384.9 385.6	g/nm3) MAX 406.2 407.5 408.1 405.6	43.14 43.09 43.44 43.13	MIN 41.3 40.5 40.9 41	MAX 45.2 45.5 45.5 45.1
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48	UNIT# AVG 970.1 968.4 974 968.9 971.7	3 SOX(m MIN 946 934.3 939.6 942 945.7	g/nm3) MAX 995.6 999.6 1000 994.7 998.4	UNIT# AVG 396.1 395.5 397.5 395.8 396.6	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4	g/nm3) MAX 406.2 407.5 408.1 405.6 407	AVG 43.14 43.09 43.44 43.13 43.27	MIN 41.3 40.5 40.9 41 41.2	45.2 45.5 45.5 45.1 45.1
1 2 3 4 5 6	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34	UNIT# AVG 970.1 968.4 974 968.9 971.7	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4	MIN 41.3 40.5 40.9 41 41.2 41.6	MAX 45.2 45.5 45.5 45.1 45 45.4
1 2 3 4 5 6	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16	970.1 968.4 974 968.9 971.7 974 972.8	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22	970.1 968.4 974 968.9 971.7 974 972.8 965.1	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.7	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3	45.2 45.5 45.5 45.1 45.4 45.4 45.3 44.6 45.2 45.2
1 2 3 4 5 6 7 8 9 10 11	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1 394.2	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 386.5	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1 394.2 391.8	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 383.5 380.3	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3	45.2 45.5 45.5 45.1 45.4 45.4 45.3 44.6 45.2 45.2 44.9
1 2 3 4 5 6 7 8 9 10 11 12	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	g/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6	WNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1 394.2 391.8 393.1	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 385.5 386.5 383.5 380.3	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 45.2 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 992.9 995.8 996.4 991.6 992.9 989.8	WNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.6 396.1 394.2 391.8 393.1 down con	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.3 385.5 388.5 388.5 380.3	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 45.2 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shut	WNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396. 396.1 394.2 391.8 393.1 down cord	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 386.5 380.3 380.7 adition	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 45.2 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shut it in shut	WNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396. 396.1 394.2 391.8 393.1 down cord	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 386.5 380.3 380.7 adition	g/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5	MAX 45.2 45.5 45.5 45.1 45 45.4 45.3 44.6 45 45.2 45.2 44.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shut	WNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down condown c	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 386.5 380.3 380.7 dition	g/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	MAX 45.2 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45 44.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 923.9 Un Un	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shut it in shut	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cordown c	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 386.5 380.3 380.7 dition dition	g/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.14 43.29 43.17 42.8 42.24 42.54	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	MAX 45.2 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45 44.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 15-May-21 17-May-21 17-May-21 18-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 945.7 935.9 923.9 927 Un Un 866.7	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in shuti	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396 396.1 394.2 391.8 393.1 down cord down cord down cord	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.3 380.7 dition dition 362.9 384.9	g/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.17 42.8 42.24 42.54	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40	MAX 45.2 45.5 45.1 45 45.4 45.3 44.6 45 45.2 44.9 45 44.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21 17-May-21 18-May-21 19-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 945.7 935.9 923.9 927 Un Un 866.7 940.4 947.2 926.8	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.3 380.7 dition dition dition 362.9 384.9	9/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.03	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2	## A5.2 45.5 45.1 45.4 45.3 44.6 45.2 45.2 44.9 45.2 44.8 43.5 45.5 45.1 44.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 22-May-21 23-May-21	UNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945 938.5	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5	9/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.03 43.05	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40	## A5.2 ## A5.4 ## A5.3 ## A5.4 ## A5.4 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.4 ## A5.5 ## A5.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 22-May-21 23-May-21 23-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 965.8 970 960.9 968.2	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 943.2	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 380.5	9/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 42.61 43.03 43.05 42.72	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1	## A5.2 45.2 45.5 45.1 45.4 45.3 44.6 45.2 45.2 44.9 45.4 44.8 43.5 44.8 43.5 44.8 45.5 44.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 22-May-21 23-May-21 23-May-21 24-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 643.17	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 965.8 970 960.9 968.2 967.9 963.5	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945.9 945.9	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7 394 394.1	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 386.4 387.9	9/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 405.2 404.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 42.61 43.03 43.05 42.72 42.76	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1 41.4	## A5.5 ## A5.2 ## A5.4 ## A5.3 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.5 ##
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 20-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 965.8 970 960.9 968.2 967.9 963.5 964.8	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945.9 945.9	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7 394 394.1	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 388 385.7 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 386.4 387.9 386.4	9/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 405.9	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 42.61 43.03 43.05 42.72 42.76 43.52	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40.4 41.2 40.7 41.1 41.4 41.6	## A5.5 ## A5.2 ## A5.4 ## A5.3 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.5 ##
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76 645.2	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 970.4 964.2 955.7 960 939.4 965.8 970 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945.9 945.9 947.2 926.8 943.2 944.1	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cordown c	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 385.7 385.5 386.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 387.9 386.4 387.9 387.9 386.4 387.9 386.4	9/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 405.5 407	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 42.61 43.03 43.05 42.72 42.76 43.52 43.44	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 41.2 40.9 41.3 40 41.2 40.7 41.1 41.4 41.6 41	## A5.5 ## A5.2 ## A5.4 ## A5.4 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.2 ## A5.3 ## A5.5 ## A5.5 ## A5.5 ## A5.5 ## A5.5 ## A5.5 ## A6.6 ## A5.5 ## A5.5 ## A6.6 ## A5.5 ## A5.5 ## A6.6 ## A5.5 ## A6.6 ## A5.5 ## A6.6 ##
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76 645.2 647.21	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9 973.4 976.5	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945.9 947.2 926.8 945.9 947.2 948.1 948.2	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7 394 394.1 397.7 397.5 398.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 380.5 386.4 387.9 387.9 386.4 387.9 386.4 387.9 386.4	9/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 406.2 405.9 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 42.61 43.03 43.05 42.72 42.76 43.52 43.44 43.65	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1 41.4 41.6 41 41.3	## A5.5 ## A5.6 ##
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76 645.2 647.21 638.95	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960 939.4 965.8 970 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9 973.4 976.5 964.9	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 942 951.3 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945.9 945.9 947.2 926.8 945.9 947.2 944.1 942.2 944.7	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7 394.1 397.7 397.5 398.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 387.9 380.5 386.4 387.9 387.9 386.4 387.9 386.4 387.9 386.4 387.9 386.4	9/nm3) MAX 406.2 407.5 408.1 405.6 407 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 406.2 404.5 406.2 404.5 406.2 407.4	AVG 43.14 43.09 43.44 43.13 43.27 43.4 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 42.61 43.03 43.05 42.72 42.76 43.52 43.44 43.65 42.79	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40.4 41.2 40.7 41.1 41.4 41.6 41.3 41.1	## A5.5 ## A5.2 ## A5.4 ## A5.4 ## A5.4 ## A5.2 ## A5.2 ## A5.2 ## A5.5 ## A6.6 ## A5.5 ## A5.5 ## A6.6 ## A5.5 ## A5.5 ## A6.6 ## A5.5 ## A6.6 ## A5.5 ## A6.6 ## A5.5 ## A6.6 ##
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	WNIT# 3 LOAD(MW) AVG 647.44 646.98 654.26 645.04 652.48 658.34 650.16 631.22 635.64 651.85 651.03 634.03 605.93 471 475.36 638.21 639.23 630.24 643.03 636.83 632.81 644.76 645.2 647.21	970.1 968.4 974 968.9 971.7 974 972.8 965.1 968.8 971.8 970.4 964.2 955.7 960 939.4 965.8 970 960.9 968.2 967.9 963.5 964.8 973.9 973.4 976.5	3 SOX(m MIN 946 934.3 939.6 942 945.7 950.8 943.4 939.8 945.7 935.9 927 Un Un 866.7 940.4 947.2 926.8 945.9 947.2 926.8 945.9 947.2 948.1 948.2	9/nm3) MAX 995.6 999.6 1000 994.7 998.4 998.9 997.3 985.9 995.8 996.4 991.6 992.9 989.8 it in shutit in sh	UNIT# AVG 396.1 395.5 397.5 395.8 396.6 397.3 397.1 394.7 396.6 396.1 394.2 391.8 393.1 down cord down cord down cord 386.4 394.7 396.4 393.1 395.5 395.7 394 394.1 397.7 397.5 398.7	3 NOX(m MIN 386.8 382.9 384.9 385.6 386.4 385.7 385.5 385.5 386.5 380.3 380.7 dition dition dition 362.9 384.9 387.9 387.9 380.5 386.4 387.9 387.9 386.4 387.9 386.4 387.9 386.4	9/nm3) MAX 406.2 407.5 408.1 405.6 407.2 406.6 403.2 405.4 406.1 406.2 405.2 405.2 404.2 398 407.7 405.7 403 404.5 406.2 404.5 406.2 405.9 406.2	AVG 43.14 43.09 43.44 43.13 43.27 43.4 42.9 43.17 42.8 42.24 42.54 41.14 42.91 43.19 43.19 42.61 43.03 43.05 42.72 42.76 43.52 43.44 43.65	MIN 41.3 40.5 40.9 41 41.2 41.6 41.1 40.9 41 41.7 41.3 40.6 39.5 40 36.2 40.9 41.3 40 41.2 40.7 41.1 41.4 41.6 41 41.3	## A5.5 ## A5.6 ##

		CEMS DA	YWISE VA	ALUES FO	R THE M	ONTH OF	JUN '202	21			
S.NO.	DATE	UNIT# 3 LOAD(MW)	UNIT#	3 SOX(m	g/nm3)	UNIT#	3 NOX(m	g/nm3)	UNIT# 3 I	DUST(m	g/nm3)
5.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Jun-21	639.91	968.6	941	989.4	395.8	384.9	404.1	43.08	40.9	44.8
2	02-Jun-21	631.67	968.8	940	988.7	396.2	384.7	403.9	43.17	40.9	44.7
3	03-Jun-21	630.53	966.9	944.4	988.8	395.4	385.9	404	42.98	41.1	44.7
4	04-Jun-21	635.21	961	934	992.3	392.9	382.7	405.1	42.52	40.5	45
5	05-Jun-21	648.67	969.8	946.7	997.4	396	386.9	406.5	43.17	41.3	45.3
6	06-Jun-21	645.98	965.9	941.4	999.8	394.5	385.1	407.5	42.87	41	45.5
7	07-Jun-21	651.08	968	947.6	994.3	395.2	386.9	405.7	42.92	41.4	45.1
8	08-Jun-21	645.25	966.1	948.1	991.8	394.6	387.5	405	42.88	41.5	45
9	09-Jun-21	644.13	969.3	945.1	993.6	395.9	386.2	405.5	43.09	41.3	45
10	10-Jun-21	606.89	958.6	863.1	994	393	362.5	405.7	42.47	36.1	45.1
11	11-Jun-21	644.1	970.5	945.6	994.8	396.4	386.9	406	43.22	41.3	45.2
12	12-Jun-21	640.08	966.9	938.9	994.3	395.1	384.2	405.7	42.97	40.8	45.1
13	13-Jun-21	638.1	969.6	941.4	992.1	396.3	385.2	405	43.21	41	45
14 15	14-Jun-21	650.03	971.2 973	947.3 944.4	992.7 997.7	396.5 397.3	387 386.2	405.1 406.9	43.25	41.4 41.2	45 45.3
16	15-Jun-21 16-Jun-21	646.28 629.99	963.1	897.8	997.7	397.3	373.8	405.4	43.42 42.73	38.4	45.3
17	17-Jun-21	644.14	965	948.6	994.2	394.2	387.5	404.9	42.73	41.5	44.9
18	18-Jun-21	646.52	970.7	948.3	991.9	396.4	388.1	404.9	43.21	41.5	45.2
19	19-Jun-21	625.18	958.5	922.1	987.3	390.4	379.3	408.2	42.43	39.7	44.9
20	20-Jun-21	608.8	958.5	871.3	987.3	392.3	365.8	403.9	41.89	36.7	44.9
21	21-Jun-21	637.66	968.9	942.1	989.1	396	385.5	403.9	43.17	41	44.8
22	22-Jun-21	653.24	976.4	953.2	995.3	398.5	389	406	43.66	41.9	45.2
23	23-Jun-21	638.36	963.6	917.9	992.5	393.9	378.7	404.7	42.69	39.2	44.9
24	24-Jun-21	641.7	967.7	932	995.4	395.3	382.6	406.1	42.99	40.4	45.2
25	25-Jun-21	630.78	960.8	910.4	996.5	392.9	375.4	406.5	42.54	38.9	45.3
26	26-Jun-21	638	963.6	934.9	994.8	393.9	383.5	405.6	42.71	40.6	45.1
27	27-Jun-21	630.36	963.8	936.1	996.9	394.2	383.4	406.6	42.8	40.6	45.3
28	28-Jun-21	627.82	966	942.5	990.9	395.1	385.7	404.5	42.94	40.9	44.8
29	29-Jun-21	617.59	958.3	929.3	984.4	392.4	381.5	402.2	42.43	40.5	44.4
30	30-Jun-21	644.11	973.8	943.4	998.1	398	386	407	43.55	41.1	45.4
		CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	JUL '202	21			
S NO	DATE	UNIT# 3 LOAD(MW)	UNIT#	3 SOX(m	g/nm3)	UNIT#	3 NOX(m	g/nm3)	UNIT# 3 I		g/nm3)
S.NO.	DATE	UNIT# 3 LOAD(MW) AVG	UNIT#	3 SOX(m MIN	g/nm3) MAX	UNIT#	3 NOX(m MIN	g/nm3) MAX	AVG	DUST(m	MAX
1	DATE 01-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4	UNIT# AVG 967.8	3 SOX(m MIN 943.4	g/nm3) MAX 994.9	UNIT# AVG 395.3	3 NOX(m MIN 385.6	g/nm3) MAX 406.1	AVG 43.03		MAX 45.2
1 2	01-Jul-21 02-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96	UNIT# AVG 967.8 970.8	3 SOX(m MIN 943.4 947.3	g/nm3) MAX 994.9 997.5	UNIT# AVG 395.3 396.4	3 NOX(m MIN 385.6 387.2	g/nm3) MAX 406.1 406.8	AVG 43.03 43.2	MIN 41.1 41.4	MAX 45.2 45.3
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23	967.8 970.8 977.3	3 SOX(m MIN 943.4 947.3 939.4	g/nm3) MAX 994.9 997.5 997.9	UNIT# AVG 395.3 396.4 398.9	3 NOX(m MIN 385.6 387.2 384.5	MAX 406.1 406.8 406.8	43.03 43.2 43.76	MIN 41.1 41.4 41	MAX 45.2 45.3 45.3
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38	967.8 970.8 977.3 975.4	3 SOX(m MIN 943.4 947.3 939.4 951	g/nm3) MAX 994.9 997.5 997.9 994.9	UNIT# AVG 395.3 396.4 398.9 398.1	3 NOX(m MIN 385.6 387.2 384.5 388.2	g/nm3) MAX 406.1 406.8 406.8	43.03 43.2 43.76 43.59	41.1 41.4 41 41 41.6	45.2 45.3 45.3 45.2
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78	UNIT# AVG 967.8 970.8 977.3 975.4 967.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1	UNIT# AVG 395.3 396.4 398.9 398.1 395.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9	g/nm3) MAX 406.1 406.8 406.8 406	AVG 43.03 43.2 43.76 43.59 42.94	41.1 41.4 41 41 41.6 40.9	45.2 45.3 45.3 45.2 44.8
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45	UNIT# AVG 967.8 970.8 977.3 975.4 967.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386	g/nm3) MAX 406.1 406.8 406.8 406.8 404.5 402.3	43.03 43.2 43.76 43.59 42.94 42.98	MIN 41.1 41.4 41 41.6 40.9 41.1	MAX 45.2 45.3 45.3 45.2 44.8 44.4
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6	g/nm3) MAX 406.1 406.8 406.8 406.8 404.5 402.3 407	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4	g/nm3) MAX 406.1 406.8 406.8 406.4 404.5 402.3 407 404.5	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2	NIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.4	9/nm3) MAX 406.1 406.8 406.8 406.4 404.5 402.3 407 404.5 402.3	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.4	9/nm3) MAX 406.1 406.8 406.8 406.5 402.3 407 404.5 402.3 404.4	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6
1 2 3 4 5 6 7 8 9 10 11	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8	g/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990	NIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1	9/nm3) MAX 406.1 406.8 406.8 406.4 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990 996.3	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990 996.3 979.2	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1 354.3 383.8	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4 40.7	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990 996.3	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 383.8 365.3	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 34.4	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14	967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3	WNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386 388.6 386.4 386.2 377.3 370 374.1 354.3 383.8	9/nm3) MAX 406.1 406.8 406.8 406. 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 44.7 45.3 44.1 44.6 45.1
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21	WNIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 990.3 979.2 986.3 993.9 997 994.4 994.6 990.8 990.9 990.2 997	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 377 377 377 377 375.9 384.9 382.9 383.7 384.3	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386.3 386.4 386.2 377.3 370 374.1 354.3 383.8 365.3 387 366.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 405.7 406.7 407.2 405.4 405.6 402.4 405.8 404.2 404.4 404 406.5 401.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.73 41.97	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.4 35.1 34.3 34.1 34.6 37	MAX 45.2 45.3 45.2 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.6 44.7 45.3 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.8 44.8 44.8 44.5 44.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21 28-Jul-21	WIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13 577.05	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952 944.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5 839.5 839.5 837.3 844.1 885.3 888.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 993.9 997 999.1 993.7 994.4 994.6 990.8 990.9 990.2 997 984.4 980.5	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 373 375.9 384.9 382.9 383.7 384.3 390.6 388.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 365.3 365.3 365.3 365.9 352.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 403.2 405.7 406.7 407.2 405.4 405.8 402.4 405.8 404.2 404.4 404 406.5 401.7 401.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73 41.49	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.1 34.3 34.1 34.6 37 37.5	MAX 45.2 45.3 45.2 45.3 45.2 44.8 44.4 45.4 44.3 44.4 44.6 45.1 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.5 44.8 44.8 44.5 44.5 44.5 44.5 44.5 44.5 44.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21 28-Jul-21 29-Jul-21	AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13 577.05 596.8	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952 944.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5 849.5 849.5 849.5 849.1	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 979.2 986.3 993.9 997 994.4 994.6 990.8 990.9 990.2 997 984.4 980.5	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 373 375.9 384.9 382.9 383.7 384.3 390.6 388.2 388.4	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386.3 386.4 386.2 377.3 370 374.1 354.3 365.3 365.3 365.3 365.9 352.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 405.7 406.7 407.2 405.4 405.6 402.4 405.8 404.2 404.4 406.5 401.7 402.9	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73 41.49 41.55	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.1 34.3 34.1 34.6 37 37.5 39.7	MAX 45.2 45.3 45.3 45.2 44.8 44.4 45.4 44.9 44.3 44.8 44.6 45.1 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21 28-Jul-21	WIT# 3 LOAD(MW) AVG 644.4 646.96 649.23 651.38 640.78 644.45 650.45 647.84 646.42 646.73 616.63 615.82 618.1 573 626.14 607.37 634.37 610.46 499.38 475.38 453.7 463.62 564.74 542.8 560.26 553.96 602.13 577.05	UNIT# AVG 967.8 970.8 977.3 975.4 967.4 967.6 973.6 970.1 965.2 969.6 959.4 954.3 956.1 939.4 960.5 949.9 970 958.9 913.7 909.7 895.3 904.4 927.9 931 932.4 952 944.1	3 SOX(m MIN 943.4 947.3 939.4 951 939.9 943.7 951.4 945.5 943.9 945.1 916.3 884.8 895.7 840.6 937.1 873.7 942.3 879.6 837.9 836.5 840.1 841.5 849.5 849.5 849.5 849.5 839.5 839.5 837.3 844.1 885.3 888.6	9/nm3) MAX 994.9 997.5 997.9 994.9 990.1 985.2 998.2 991.2 985.5 990.7 986.9 996.3 979.2 986.3 993.9 997 999.1 993.7 994.4 994.6 990.8 990.9 990.2 997 984.4 980.5	UNIT# AVG 395.3 396.4 398.9 398.1 395.2 395.2 397.4 396.1 394.2 396 393 390.9 391.6 386.5 393 389.5 396.5 397.7 373 375.9 384.9 382.9 383.7 384.3 390.6 388.2	3 NOX(m MIN 385.6 387.2 384.5 388.2 384.9 386. 386.4 386.2 377.3 370 374.1 354.3 365.3 365.3 365.3 365.9 352.9 352.9 352.5 353.9 354.4 357.6 353.6 353.6	9/nm3) MAX 406.1 406.8 406.8 406 404.5 402.3 407 404.5 402.3 404.4 403 403.9 406.5 400.8 405.7 406.7 407.2 405.4 405.6 402.4 405.8 404.2 404.4 406.5 401.7 401.7	AVG 43.03 43.2 43.76 43.59 42.94 42.98 43.45 43.14 42.78 43.16 42.53 42.14 42.23 41.11 42.51 41.75 43.26 42.54 39.53 39.24 38.87 40.75 40.34 40.54 40.73 41.49	MIN 41.1 41.4 41 41.6 40.9 41.1 41.6 41.2 41.1 41.2 39.3 37.9 38.4 40.7 36.7 41.4 37 34.1 34.3 34.1 34.3 34.1 34.6 37 37.5	MAX 45.2 45.3 45.2 45.3 45.2 44.8 44.4 45.4 44.3 44.4 44.6 45.1 45.1 45.1 44.4 45.1 44.4 45.1 44.4 45.1 44.5 44.8 44.8 44.5 44.5 44.5 44.5 44.5 44.5 44.2

		CEMS DA	YWISE VA	ALUES FO	R THE M	ONTH OF	AUG '202	21			
S.NO.	DATE	UNIT# 2 LOAD(MW)	UNIT#	2 SOX(m	g/nm3)	UNIT#	2 NOX(m	g/nm3)	UNIT# 2 I	DUST(m	g/nm3)
5.NO.	DATE	AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	WIN	MAX
1	01-Aug-21	539.42	921.2	851.6	956.4	380.3	358	393.7	39.81	35.1	42.4
2	02-Aug-21	524.77	920.2	884.5	958.8	380.4	367.7	394.5	39.79	37.2	42.7
3	03-Aug-21	529.56	924.6	892.9	954.4	381.7	369.9	392	40.18	37.7	42.5
4	04-Aug-21	557.38	935.9	902.7	962.8	385.5	373.2	396	40.86	38.4	43
5	05-Aug-21	529.47	922.4	894.7	956.1	381.1	370.5	394	39.98	37.9	42.6
6	06-Aug-21	515.06	919.8	898.7	946	380.5	372.4	390.8	39.77	37.9	41.8
7	07-Aug-21	525.62	922.5	899.7	943.5	381.2	373.1	389.7	40.01	38.1	41.7
8	08-Aug-21	561.22	937.7	904.1	968.9	386	373.6	397.4	41.01	38.5	43.4
9	09-Aug-21	552.27	938.3	901.2	965.3	386.7	372.7	396.8	41.13	38.3	43.2
10	10-Aug-21	581.35	951.8	912.4	982.2	391	376.6	401.8	42.06	39.1	44.6
11	11-Aug-21	575.97	940.5	912.2	975.8	386.8	376.4	399.4	41.27	39.1	44.3
12	12-Aug-21	588.57	947.9	910	973.4	389.2	375.3	398.7	41.71	38.9	43.6
13	13-Aug-21	563.64	932.8	907.4	964.8	384.2	374.4	396.7	40.66	38.7	43.2
14	14-Aug-21	579.83	947.5	918.1	973.2	389.3	377.8	399.1	41.72	39.4	43.7
15	15-Aug-21	571.62	941.2	919.3	965.8	387.1	378.2	397	41.28	39.5	43.2
16	16-Aug-21	549.97	932	915.6	959.3	384.2	377.4	395	40.63	39.3	42.8
17	17-Aug-21	568.86	941.7	921.9	963.3	387.3	379.6	395.2	41.34	39.8	42.9
18	18-Aug-21	555.45	934.4	875.1	965.2	385	364.7	396.7	40.84	37	43.2
19	19-Aug-21	570.53	936.7	911.9	962.7	385.3	376.3	395.4	40.92	39.1	42.9
20	20-Aug-21	591.75	953.1	911.9	975.5	391.2	376.9	399.8	42.17	39.5	43.9
21	21-Aug-21	567.97	934.9	904.8	964.4	384.9	373.7	396.3	40.78	38.5	43.1
22	22-Aug-21	529.21	928.3	902.5	954.4	383.5	373.4	393.1	40.43	38.6	42.2
23	23-Aug-21	534.39	933.3	905.3	953.5	385.2	374.3	392.4	40.83	38.9	42.3
24	24-Aug-21	582.06	948.8	919.2	973.6	389.6	378.3	399.3	41.79	39.5	43.7
25	25-Aug-21	608.95	950.5	927.5	984.4	389.6	381.1	402.8	41.79	40.1	44.5
26	26-Aug-21	569.31	940.9	909.7	978.9	387.2	375.4	400.8	41.82	38.9	44.1
27	27-Aug-21	585.21	947.3	921.3	966.5	389.1	378.9	397.2	41.67	39.6	43.1
28	28-Aug-21	643.69	971.5	951.4	993	396.8	388.7	405.3	43.32	41.3	45.1
29	29-Aug-21	646.95	968.1	945.8	991.9	395.3	386.5	404.8	42.99	41.1	45.1
30	30-Aug-21	644.73	964.8	935.8	996.1	394.1	383.3	404.8	42.78	40.9	45.2
31	31-Aug-21	625.51	961.9	938.2	992.1	393.6	384.1	403.8	42.78	40.7	44.9
	21 / lug 21	020,01									
									72.07	40.7	77.5
	1	CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	SEP '202	21			ı
S.NO.	DATE	CEMS DA UNIT# 3 LOAD(MW)	YWISE VA	ALUES FO 3 SOX(m	R THE M g/nm3)	ONTH OF UNIT#	SEP '202 3 NOX(m	21 g/nm3)	UNIT# 3 (DUST(m	g/nm3)
		CEMS DA UNIT# 3 LOAD(MW) AVG	YWISE VA UNIT# AVG	3 SOX(m MIN	OR THE M g/nm3) MAX	ONTH OF UNIT# AVG	SEP '202 3 NOX(m MIN	21 g/nm3) MAX	UNIT# 3 I	OUST(m	g/nm3) MAX
1	01-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75	YWISE VAUNIT# AVG 932.7	3 SOX(m MIN 905.6	DR THE M g/nm3) MAX 950	ONTH OF UNIT# AVG 306.8	SEP '202 3 NOX(m MIN 281.7	g/nm3) MAX 339.4	UNIT# 3 I AVG 42.57	OUST(mg MIN 40.4	g/nm3) MAX 44.7
1 2	01-Sep-21 02-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92	YWISE V/ UNIT# AVG 932.7 929.8	3 SOX(m MIN 905.6 902.5	PR THE M g/nm3) MAX 950 949.8	ONTH OF UNIT# AVG 306.8 304.2	SEP '202 3 NOX(m MIN 281.7 280.6	g/nm3) MAX 339.4 333.1	UNIT# 3 I AVG 42.57 41.99	OUST(mg MIN 40.4 39.6	g/nm3) MAX 44.7 44.1
1 2 3	01-Sep-21 02-Sep-21 03-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5	YWISE V/ UNIT# AVG 932.7 929.8 925.2	3 SOX(m MIN 905.6 902.5 900.4	950 949.8 942.8	ONTH OF UNIT# AVG 306.8 304.2 310.4	3 NOX(m MIN 281.7 280.6 282.2	g/nm3) MAX 339.4 333.1 338	UNIT# 3 I AVG 42.57 41.99 42.29	MIN 40.4 39.6 39.5	g/nm3) MAX 44.7 44.1 44.7
1 2 3 4	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51	YWISE VA UNIT# AVG 932.7 929.8 925.2 929.4	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9	9/nm3) MAX 950 949.8 942.8 947.7	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3	g/nm3) MAX 339.4 333.1 338 336.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65	MIN 40.4 39.6 39.5 39.6	g/nm3) MAX 44.7 44.1 44.7 43.4
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3	942.8 949.6	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4	g/nm3) MAX 339.4 333.1 338 336.9 338.6	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63	DUST(m MIN 40.4 39.6 39.5 39.6 40.6	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6
1 2 3 4 5	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1	949.8 949.8 949.8 949.8 947.7 949.6	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9	MIN 40.4 39.6 39.5 39.6 40.6 40.1	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1
1 2 3 4 5 6	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7	949.8 947.7 949.6 948.5	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842	949.8 947.7 949.6 945.3	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5
1 2 3 4 5 6 7 8	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2	949.8 947.7 949.6 949.6 949.6 948.5 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8	949.8 949.8 947.7 949.6 949.6 948.5 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8
1 2 3 4 5 6 7 8 9	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2	949.8 949.8 947.7 949.6 949.6 948.5 945.3 948.4 946.5	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4	3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8
1 2 3 4 5 6 7 8 9 10 11	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6	949.8 949.8 947.7 949.6 949.6 948.5 948.5 948.4 948.4 948.4 946.5	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8
1 2 3 4 5 6 7 8 9 10 11 12	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 13-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7	949.6 948.5 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 925.2	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1	949.6 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4 948.4	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 282.6 283.5	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8 39.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 925.2 928.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4	949.8 949.8 947.7 949.6 949.6 948.5 948.3 948.4 948.4 948.4 946.5 948.8 941.2 949	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1	SEP '202 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 282.6 282.6 283.7 283.7	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.3 339.5 339.1 336.4	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8 39.7 37.3	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 43.6 44.1 42.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 929.5 929.4	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7	949.6 948.4 948.4 948.4 948.4 948.5 948.4 948.4 948.4 948.4 948.4 948.4 948.5 948.8 948.8 948.8	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285 281.7 282.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.2 339.2 339.3 336.4 335.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9	DUST(m, MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2	949.6 948.8 949.6 949.6 949.6 949.6 948.5 948.4 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1 336.4 335.2 331.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4	MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.3 38.6 38.8 39.7 37.3 36.7	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 929.5 929.4 911.2 906.1 924.5 929.8 9	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6	949.6 948.8 949.6 949.6 949.6 949.6 948.5 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1 336.4 335.2 331.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 37.4	DUST(m) MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1 39.4
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 11-Sep-21 12-Sep-21 12-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 26-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8	949.6 948.6 949.6 948.6 949.6 948.7 949.6 948.7 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4	g/nm3) MAX 339.4 333.1 338 336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9 338.6 337.9	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84	DUST(my MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.5 37.2 39.1 38.1 37.7 36.5	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.1 42.3 42.6 41.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21 27-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76 492.21	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905 910.6	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8	949.6 948.6 949.6 948.6 949.6 948.7 949.6 948.7 949.6 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6 318.3	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4 281.3	g/nm3) MAX 339.4 3339.4 3336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338.3 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.3 339.8 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84 39.27	DUST(m) 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.3 37.2 39.1 38.1 37.7 36.5 37.2	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.6 41.2 41.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21 28-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76 492.21 494.85	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8 883.2 855.6	949.6 948.6 949.6 948.7 949.6 948.5 948.4 948.4 946.5 948.8 941.2 949.6 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2 932.9 942	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6 318.3 310.2	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4 281.3 281.8	g/nm3) MAX 339.4 3339.4 3338.3 336.9 338.6 339 337.7 329.5 339.2 339.2 339.2 339.9 338.3 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.7	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84 39.27 39.31	DUST(my MIN 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.5 37.2 35.1 37.2 35.5	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 43.6 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.6 41.6 42.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21 27-Sep-21	CEMS DA UNIT# 3 LOAD(MW) AVG 623.75 598.92 605.5 588.51 618.87 602.74 576.35 529.48 542.13 522.9 570.15 552.33 566.97 593.69 516.32 477.57 413.15 418.55 468.75 472.5 463.94 501.8 543.96 519.78 513.68 478.76 492.21	YWISE V/ UNIT# AVG 932.7 929.8 925.2 929.4 927.1 925.6 926.9 911.2 906.1 924.5 929.5 929.5 925.2 928.9 911.4 905.4 881.9 883.2 903.6 903.3 896.4 919.2 930.1 920.3 917.9 905 910.6	ALUES FO 3 SOX(m MIN 905.6 902.5 900.4 903.9 902.3 900.1 904.7 842 845.2 852.8 898.2 904.6 900.7 900.1 886.4 874.7 855.2 845.6 865.6 877.3 866.4 882.7 911.9 897.5 891.4 876.8	949.6 948.6 949.6 948.5 949.6 948.4 946.5 948.8 947.7 948.4 948.4 946.5 948.8 941.2 949 947.5 937.8 909.6 911.8 934.4 934.1 920 947.3 948.2 937.7 949.2	ONTH OF UNIT# AVG 306.8 304.2 310.4 314.7 312.3 312.6 310.2 302.9 314.9 309.5 313.4 309.4 316.8 312.6 311.1 308.5 305.2 301.6 311.3 310.8 308.1 304.2 304.4 314.5 307.8 308.6 318.3	SEP '202' 3 NOX(m MIN 281.7 280.6 282.2 284.3 281.4 281.3 283.5 280.5 281.5 281.6 282.6 280.3 285 281.7 282.3 280.5 282.7 280.3 285.9 285.9 285.2 281.8 281.7 283.6 280.4 281.3	g/nm3) MAX 339.4 3339.4 3336.9 338.6 339 337.7 329.5 339.2 339.2 339.9 338.3 339.5 339.1 336.4 335.2 331.7 328.8 337.8 338.6 337.9 338.6 337.9 338.6 337.9 338.3 339.8 339.2 339.2	UNIT# 3 I AVG 42.57 41.99 42.29 41.65 42.63 41.9 41.01 39.8 40.47 40.2 41.25 40.78 40.93 41.78 39.35 38.9 37.4 37.4 38.78 38.79 38.26 39.93 40.68 40.32 39.79 38.84 39.27	DUST(m) 40.4 39.6 39.5 39.6 40.6 40.1 38.7 34.4 34.9 35.3 38.6 38.8 39.7 37.3 36.7 35.4 34.8 35.9 36.7 36.3 37.2 39.1 38.1 37.7 36.5 37.2	g/nm3) MAX 44.7 44.1 44.7 43.4 44.6 44.1 44.2 43.5 44.4 43.8 44.1 43.8 44.1 43.8 44.1 42.2 41.3 39.1 39.4 41.1 41.2 40.5 42.1 42.3 42.6 41.2 41.6

		CEMS D	AYWISE V	ALUES FO	OR THE M	ONTH OF	APR '202	21			
S.NO.	DATE	UNIT# 4 LOAD(MW)	UNIT#	4 SOX(m	g/nm3)	UNIT#	4 NOX(m	ig/nm3)	UNIT#	4 DUST	(mg/nm3)
3.140.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Apr-21	500.8	916.4	881.8	942.5	270.3	256.0	282.5	44.0	41.2	46.5
2	02-Apr-21	483.2	911.3	893.1	942.5	269.1	260.3	282.5	43.8	42.1	46.5
3	03-Apr-21	483.4	910.9	879.8	932.8	268.8	254.0	278.9	43.8	40.8	45.8
4	04-Apr-21	462.5	902.5	880.3	939.5	266.4	255.5	281.8	43.3	41.0	46.4
5	05-Apr-21	555.5	938.2	881.0	981.5	276.4	256.3	293.1	45.3	41.3	48.6
6	06-Apr-21	577.8	941.2	901.7	983.1	277.2	264.3	292.6	45.4	42.9	48.5
7	07-Apr-21	582.4	943.9	915.6	971.5	277.7	264.9	290.7	45.5	43.0	48.1
8	08-Apr-21	542.3	925.2	876.1	963.4	271.8	253.5	289.3	44.4	40.7	47.9
9	09-Apr-21	532.4	926.5	893.1	955.4	273.1	258.0	286.5	44.6	41.6	47.3
10	10-Apr-21	561.3	941.0	906.8	977.2	277.8	263.4	292.3	45.5	43.0	48.5
11	11-Apr-21	552.4	929.1	876.8	967.3	272.7	254.0	288.7	44.6	40.8	47.7
12	12-Apr-21	552.8	935.9	913.1	966.4	276.1	264.0	289.6	45.2	42.8	47.9
13	13-Apr-21	540.7	926.8	900.6	957.0	272.5	260.3	286.2	44.5	42.1	47.2
14	14-Apr-21	552.4	942.6	891.4	965.8	279.5	259.6	289.4	45.9	41.9	47.9
15	15-Apr-21	572.8	942.4	916.7	968.3	277.9	267.2	289.8	45.6	43.4	48.0
16	16-Apr-21	542.5	930.5	895.1	961.6	274.3	263.2	287.9	44.8	42.6	47.6
17	17-Apr-21	582.4	949.5	917.1	978.8	280.4	266.8	292.9	46.1	43.4	48.6
18	18-Apr-21	564.2	940.8	887.5	969.0	277.3	259.8	290.3	45.5	42.0	48.1
19	19-Apr-21	519.7	921.0	872.6	978.2	271.4	252.1	291.9	44.3	40.4	48.8
20	20-Apr-21	552.1	929.3	875.8	983.2	273.3	253.1	294.5	44.6	40.6	49.0
21	21-Apr-21	565.3	934.3	876.6	992.3	274.5	253.8	296.7	44.9	40.5	49.3
22	22-Apr-21	570.9	945.4	897.0	982.6	279.5	261.1	293.9	45.8	42.2	48.8
23	23-Apr-21	585.1	949.1	919.4	971.0	280.2	265.9	290.9	46.0	43.2	47.9
24	24-Apr-21	570.7	942.1	899.2	972.3	277.9	261.0	291.4	45.6	42.2	48.3
25	25-Apr-21	559.2	938.9	882.2	978.9	277.3	255.7	292.5	45.5	41.1	48.5
26	26-Apr-21	596.1	945.2	927.0	971.6	277.4	269.0	291.5	45.5	43.8	48.3
27	27-Apr-21	613.5	959.8	935.6	984.7	283.3	273.3	294.2	46.7	44.7	48.8
28	28-Apr-21	571.7	936.9	892.7	974.6	275.4	259.6	289.3	45.1	41.9	47.9
29	29-Apr-21	540.2	929.8	901.5	959.3	274.0	261.8	287.3	44.8	42.2	47.5
30	30-Apr-21	571.6	938.8	909.5	973.2	276.2	264.9	291.1	45.2	43.3	47.8
			AYWISE V								
S.NO.	DATE	UNIT# 4 LOAD(MW)		4 SOX(m			4 NOX(m	-		4 DUS1	
		AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-May-21	AVG 493.03	AVG 908.2	MIN 854	MAX 961.8	AVG 402.4	MIN 383.7	MAX 422.3	AVG 38.4	MIN 34.9	MAX 42.4
1 2	01-May-21 02-May-21	AVG 493.03 511.37	AVG 908.2 920.5	MIN 854 855.7	MAX 961.8 976.4	AVG 402.4 407.1	MIN 383.7 384.7	MAX 422.3 427.7	AVG 38.4 39.2	MIN 34.9 35.1	MAX 42.4 42.65
1 2 3	01-May-21 02-May-21 03-May-21	AVG 493.03 511.37 509.78	908.2 920.5 919.1	MIN 854 855.7 851.2	MAX 961.8 976.4 961.1	AVG 402.4 407.1 406	MIN 383.7 384.7 381.3	MAX 422.3 427.7 422.5	AVG 38.4 39.2 39	MIN 34.9 35.1 34.4	MAX 42.4 42.65 42.32
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	AVG 493.03 511.37 509.78 593.88	908.2 920.5 919.1 944.3	MIN 854 855.7 851.2 917	961.8 976.4 961.1 965.7	402.4 407.1 406 414	MIN 383.7 384.7 381.3 401.9	MAX 422.3 427.7 422.5 423.8	38.4 39.2 39 40.4	MIN 34.9 35.1 34.4 38.1	MAX 42.4 42.65 42.32 42.37
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	AVG 493.03 511.37 509.78 593.88 601.57	908.2 920.5 919.1 944.3 944.6	MIN 854 855.7 851.2 917 926.6	MAX 961.8 976.4 961.1 965.7 963.6	402.4 407.1 406 414 413.6	MIN 383.7 384.7 381.3 401.9 404.8	MAX 422.3 427.7 422.5 423.8 423.2	38.4 39.2 39 40.4 40.4	MIN 34.9 35.1 34.4 38.1 38.6	MAX 42.4 42.65 42.32 42.37 42.14
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66	908.2 920.5 919.1 944.3 944.6 949.4	MIN 854 855.7 851.2 917 926.6 929.4	MAX 961.8 976.4 961.1 965.7 963.6 973.1	AVG 402.4 407.1 406 414 413.6 415.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7	MAX 422.3 427.7 422.5 423.8 423.2 426.7	38.4 39.2 39 40.4 40.4 40.7	MIN 34.9 35.1 34.4 38.1 38.6 39	MAX 42.4 42.65 42.32 42.37 42.14 42.93
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06	908.2 920.5 919.1 944.3 944.6 949.4	MIN 854 855.7 851.2 917 926.6 929.4 923.3	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9	AVG 402.4 407.1 406 414 413.6 415.6 414.4	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424	AVG 38.4 39.2 39 40.4 40.4 40.7 40.6	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43
1 2 3 4 5 6 7	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7	38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54
1 2 3 4 5 6 7 8 9 10 11	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64
1 2 3 4 5 6 7 8 9 10 11 12	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40.4	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77
1 2 3 4 5 6 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40.4	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6 418.2	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 16-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6 418.2 388.8	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40.4	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 16-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 hit in shut	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 418.2 388.8 down cor	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 ddition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 16-May-21 17-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 hit in shut	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6 418.2 388.8 down condown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 09-May-21 10-May-21 11-May-21 12-May-21 14-May-21 15-May-21 17-May-21 18-May-21 18-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6 418.2 388.8 down condown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 18-May-21 19-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 nit in shuthit	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 417.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition dition dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 988.9 978.6 982.5 875.7 hit in shuthit i	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition edition edi	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 hit in shuthit in shu	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition edition e	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 493.03 511.37 509.78 593.88 601.57 606.66 584.06 544.43 543.82 578.46 588.94 575.56 627.34 618.85 633.28	AVG 908.2 920.5 919.1 944.3 944.6 949.4 923.4 925.1 939.3 942.2 937.5 956 953.1 957.9	MIN 854 855.7 851.2 917 926.6 929.4 923.3 905.8 903.9 917 914.6 919.1 932.8 929 901.4 839.6 UI	MAX 961.8 976.4 961.1 965.7 963.6 973.1 964.9 941.6 946.8 960.7 969.2 956.8 986.9 978.6 982.5 875.7 hit in shuthit in shu	AVG 402.4 407.1 406 414 413.6 415.6 414.4 406.8 407.5 412.3 413.1 411.6 416.6 418.2 388.8 down cordown	MIN 383.7 384.7 381.3 401.9 404.8 406.7 404.4 398.4 397.4 402.2 401.5 402.8 407.5 406.1 397.7 378.2 dition	MAX 422.3 427.7 422.5 423.8 423.2 426.7 424 415.3 418.1 422.6 424.7 420 431.3 428.2 429.8	AVG 38.4 39.2 39 40.4 40.7 40.6 39.2 39.3 40.2 40.2 40 41.1 40.9 41.2	MIN 34.9 35.1 34.4 38.1 38.6 39 38.6 37.5 37.3 38.2 37.7 38.2 39.3 38.7 37.4	MAX 42.4 42.65 42.32 42.37 42.14 42.93 42.43 40.82 41.39 42.19 42.54 41.64 43.77 43.19 43.5

		CEMS D	AYWISE V	ALUES FO	OR THE M	ONTH OF	JUN '202	21			
S.NO.	DATE	UNIT# 4 LOAD(MW)		4 SOX(m			4 NOX(m	<u> </u>			r(mg/nm3)
		AVG	AVG	WIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
2	01-Jun-21				nit in shut						
3	02-Jun-21 03-Jun-21				nit in shut nit in shut						
4	03-Jun-21 04-Jun-21				nit in shut						
5	05-Jun-21				nit in shut						
6	06-Jun-21				nit in shut						
7	07-Jun-21				nit in shut						
8	08-Jun-21				nit in shut						
9	09-Jun-21				nit in shut						
10	10-Jun-21				nit in shut						
11	11-Jun-21				nit in shut						
12	12-Jun-21			Uı	nit in shut	down cor	ndition				
13	13-Jun-21			Uı	nit in shut	down cor	ndition				
14	14-Jun-21			Uı	nit in shut	down cor	ndition				
15	15-Jun-21			Uı	nit in shut	down cor	ndition				
16	16-Jun-21	221.7	899.4	842	955.7	399	377.6	419.7	41.4	38.2	44.99
17	17-Jun-21	473.15	899.5	838.7	953.8	398.9	376.7	418.9	43	38.6	45.86
18	18-Jun-21	545.38	912.6	837.9	950.7	402.5	375.9	418.6	45.4	40.7	48.04
19	19-Jun-21	489.46	906.7	841.7	974.9	402.1	376.8	427.5	44	39.5	48.68
20	20-Jun-21	526.14 575.50	919.4	846.7	974.7	406	379.4	427.4	44.5	38.4	49.05
21 22	21-Jun-21 22-Jun-21	575.58 584.31	934.7 936.7	844.4 864.4	968.2 964	411.3 412.1	378.8 389	424.7 423.1	46 45.5	41.4 38.9	49.26 48.24
23	23-Jun-21	517.12	924.2	875.8	971.3	408.4	393.8	425.1	44.7	38.8	48.77
24	24-Jun-21	559.49	919.6	861.7	968.5	405.5	383.4	425.1	45.2	41.5	49.08
25	25-Jun-21	566.88	937.3	899.5	972.8	411.4	398.5	426.8	45.6	41.6	48.36
26	26-Jun-21	583.81	944.5	883.2	977.1	414.5	391	427.6	45.4	42.1	47.98
27	27-Jun-21	477.48	901.5	858.3	947.1	400.1	386	416.8	43.3	38.7	47.77
28	28-Jun-21	528.41	914.4	855.1	957.3	404.9	384.5	421.3	44.2	38.6	48.68
29	29-Jun-21	550.82	936.5	914.5	956.9	411.4	401.5	421.2	44.8	42.3	47.61
30	30-Jun-21	546.16	930.6	902.1	960.9	409.4	397.1	420.7	45.1	42.7	48.61
		CEMS D	ATWISE V	ALUES FO	JK IHE M	UNIHUF	JUL ZUZ	21			
ı					n/nm3)				LINIT#	4 DUST	r(ma/nm3)
S.NO.	DATE	UNIT# 4 LOAD(MW)	UNIT#	4 SOX(m		UNIT#	4 NOX(m	ig/nm3)			r(mg/nm3) MAX
S.NO .	DATE 01-Jul-21				g/nm3) MAX 971.1				UNIT# AVG 40.5	4 DUST MIN 38.7	MAX
		UNIT# 4 LOAD(MW) AVG	UNIT#	4 SOX(m MIN	MAX	UNIT#	4 NOX(m MIN	g/nm3) MAX	AVG	MIN	
1	01-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71	UNIT# AVG 944.9 943.5 953.3	4 SOX(m MIN 926.4 920.2 933.3	MAX 971.1 961 978.5	UNIT# AVG 414.1 413.6 417.5	4 NOX(m MIN 405.3 402.8 408.5	MAX 426	40.5 40.4 41.1	MIN 38.7 38.2 39.2	MAX 42.8 42.22 43.25
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64	UNIT# AVG 944.9 943.5 953.3 941.9	4 SOX(m MIN 926.4 920.2 933.3 915.4	971.1 961 978.5 969.7	UNIT# AVG 414.1 413.6 417.5 413.3	4 NOX(m MIN 405.3 402.8 408.5 401.5	MAX 426 422 428.5 425.6	40.5 40.4 41.1 40.4	MIN 38.7 38.2 39.2 38	MAX 42.8 42.22 43.25 42.73
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39	UNIT# AVG 944.9 943.5 953.3 941.9 949.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2	MAX 971.1 961 978.5 969.7 976.8	UNIT# AVG 414.1 413.6 417.5 413.3 414.9	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9	max 426 422 428.5 425.6 427.1	40.5 40.4 41.1 40.4 40.6	MIN 38.7 38.2 39.2 38 38.3	MAX 42.8 42.22 43.25 42.73 43.01
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926	MAX 971.1 961 978.5 969.7 976.8 976.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4	40.5 40.4 41.1 40.4 40.6 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7	MAX 42.8 42.22 43.25 42.73 43.01 43.05
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8	MAX 971.1 961 978.5 969.7 976.8 976.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1	AVG 40.5 40.4 41.1 40.4 40.6 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8	MAX 971.1 961 978.5 969.7 976.8 976.1	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1	AVG 40.5 40.4 41.1 40.4 40.6 40.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.9 40.7	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7	g/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13
1 2 3 4 5 6 7 8 9 10 11 12	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.3	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07
1 2 3 4 5 6 7 8 9 10 11 12 13	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9	AVG 40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.3 38.2 37.1	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21	UNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8	MAX 971.1 961 978.5 969.7 976.8 976.1 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425	40.5 40.4 41.1 40.4 40.6 40.9 40.7 40.3 40.8 38.3 38.3 38.2 37.1 38.1	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7	MAX 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 886.7 869.3 866.6 857.9	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 968.7 965.4 949.1 923.5 908.2 892.7	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6 423.3 415.4 407.6 403.9 398.6 419	AVG 40.5 40.4 41.1 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 39.3 37.6 37.8 35.2 33.3 33.8 34.1 33.7 33.6 34.3 33.8 33.5 33.5 33.5	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54 471.51 459.02 449.53 442.57 480.63	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 866.6 857.9 873.6 900.2 890.4 884.6 885.5	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9 837.6 839.2 838.9 840.7 846.8 838.2 839.3	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 966.5 943.9 967.5 965.4 949.1 923.5 908.2 892.7 949.8 964.2 948.1 946.8 956.2 959.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5 399.6 396.3 394.5 399.7	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8 375.7 376.3 376.3	9/nm3) MAX 426 422 428.5 425.6 427.1 427.4 428.1 425.5 424.8 430.1 425.2 421.2 424.1 414.9 425 424.6 423.3 415.4 407.6 403.9 398.6 419 423.4 417.5 414.3 417.8 421.8	AVG 40.5 40.4 41.1 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4 37.9 37.2 36.9 37.9	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 37.6 37.8 35.2 33.3 33.4 33.5 33.5 33.5 33.5 33.4 33.4 33.4 33.6	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54 42.32 41.2 40.86 41.13 42.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 28-Jul-21	WNIT# 4 LOAD(MW) AVG 596.22 594.28 608.71 584.64 616.39 618.61 612.46 601.51 592.64 600.84 502.61 491.76 511.49 446.88 502.59 531.44 552.27 455.51 392.68 380.76 364.91 390.54 471.51 459.02 449.53 442.57 480.63 462.88	UNIT# AVG 944.9 943.5 953.3 941.9 949.6 953 951.6 948.5 941.9 949.2 906.7 903.6 908.9 887.8 907.6 920.1 928.7 866.6 857.9 873.6 900.2 890.4 884.6 885.5 900.2	4 SOX(m MIN 926.4 920.2 933.3 915.4 920.2 926 931.8 925.8 910.3 914 857.5 837.8 844.6 847.8 844.4 838.1 853.6 843.8 839.4 837.9 837.6 839.2 838.9 840.7 846.8 838.2 839.3	MAX 971.1 961 978.5 969.7 976.8 976.6 971.2 970.5 982.9 971.1 961 966.5 943.9 967.5 965.4 949.1 923.5 908.2 892.7 949.8 964.2 948.1 946.8 956.2 959.5	UNIT# AVG 414.1 413.6 417.5 413.3 414.9 416.8 416.5 415.6 413 415.8 401.7 400.5 402 395.7 401.4 406 409.2 394.8 389.4 388.6 385.5 391.5 399.6 396.3 394.5 399.7 396.3	4 NOX(m MIN 405.3 402.8 408.5 401.5 402.9 405.1 407 408.1 399.5 400.6 385.3 375.7 378.1 379.5 377.7 376.4 381.1 376.5 375.8 375.7 376.3 376.3 376.3	MAX	AVG 40.5 40.4 41.1 40.6 40.9 40.7 40.3 40.8 38.3 38.2 37.1 39.6 37.3 36.3 35.9 35.3 36.4 37.9 37.2 36.9 37.9 37.2	MIN 38.7 38.2 39.2 38 38.3 38.7 39.3 37.6 37.8 35.2 33.3 33.4 33.5 33.5 33.5 33.5 33.4 33.4 33.6 34.3 33.4 33.6 34.3 33.4 33.6 34.3	MAX 42.8 42.8 42.22 43.25 42.73 43.01 43.05 43.19 42.69 42.54 43.13 42.63 42.24 42.07 40.69 42.62 42.51 42.34 40.69 39.31 38.71 37.75 41.54 42.32 41.2 40.86 41.13 42.02 41.9
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					OR THE M						
S.NO.	DATE	UNIT# 4 LOAD(MW)		4 SOX(m			4 NOX(m	-			r(mg/nm3)
		AVG	AVG	WIN	MAX	AVG	WIN	MAX	AVG	MIN	MAX
1	01-Aug-21	436.37	882.7	835.8	940.6	393.3	374.9	416.1	36.6	33.2	40.74
2	02-Aug-21	446.03	889.8	857.9	915.5	395.8	385.4	405.8	37.1	35.1	38.8
3	03-Aug-21	491.88	907.3	859.3	940	401.8	386.2	415.7	38.2	35.2	40.6
4	04-Aug-21	544.92	924.1	900.8 894.3	948.8	406.8	397	417.5	39.1	37.2	41.07
5	05-Aug-21	524.92	918.5		944.8	405.5	395.3	417.2	38.9	36.5	41.19
6 7	06-Aug-21 07-Aug-21	528.89 542.04	918.9 929.8	898.8 906.6	941.9 958.9	405.3 410	396.6 398.3	416.5 422.2	38.8 39.8	37.1 37.4	41.08 42.13
8	07-Aug-21 08-Aug-21	529.49	917.5	897.1	931.8	404.7	396.2	413.2	38.7	37.4	40.49
9	08-Aug-21	545.27	921.5	900.4	951.8	404.7	396.2	419.9	38.9	37.1	41.69
10	10-Aug-21	563.39	933.4	899.9	965	410.2	396.2	423.9	39.8	37	42.41
11	11-Aug-21	543.79	928.5	887.5	961.5	409.5	392.4	422.2	39.7	36.4	42.41
12	12-Aug-21	553.2	932.2	904.2	954.6	410.4	397.9	420.4	39.8	37.4	41.83
13	13-Aug-21	536.25	920.5	891.1	946.1	405.9	394.2	416.6	39	36.7	41.11
14	14-Aug-21	523.86	921.2	898.2	943.2	406.8	396.1	416.8	39.2	37.1	41.13
15	15-Aug-21	517.52	914.6	874.1	948.1	404.1	388.6	417.7	38.6	35.7	41.26
16	16-Aug-21	523.56	919.6	889.2	951.1	406.3	394.7	418.7	39.1	36.9	41.76
17	17-Aug-21	544.44	922.8	891	967.3	406.2	395.9	424	39	37	42.11
18	18-Aug-21	478.39	899.1	865.9	948.6	399	385.8	417.7	37.7	35.2	41.24
19	19-Aug-21	466.6	899.3	839.3	932.4	399.9	376.5	412.8	37.7	33.5	40.38
20	20-Aug-21	494.01	909.6	885.7	927.5	403	391.4	410.9	38.5	36.2	40.01
21	21-Aug-21	479.3	900.5	851.8	936.6	399.4	381.7	414.7	37.8	34.5	40.74
22	22-Aug-21	454.81	891.4	838.6	933.6	396.7	376.2	413.4	37.3	33.4	40.81
23	23-Aug-21	434.61	882.2	848.7	930.3	393.5	379.1	412.7	36.8	33.9	40.4
24	24-Aug-21	393.08	869.8	841.1	913.4	389.7	377.2	407.2	36.1	33.6	39.4
25	25-Aug-21	463.65	897.9	844.3	927	399.1	378.1	411.1	37.8	33.8	40.08
26	26-Aug-21	516.36	919.4	900.1	941.5	406.2	396.6	416.3	39	37.1	41.05
27	27-Aug-21	544.86	923.7	905.5	946.1	406.8	398.1	417.3	39.1	37.5	41.31
28	28-Aug-21	515.54	913.7	886.7	945.5	403.9	391.5	417.5	38.6	36.2	41.3
29	29-Aug-21	547.95	927	895.1	969.4	408.3	394.5	425.3	39.4	36.7	42.67
30	30-Aug-21	535.5	925.6	903.2	946.9	408.3	397.2	417.7	39.4	37.2	41.27
31	31-Aug-21	E 2 2 71	047.4		1					ו	
٠.	JI Aug ZI	522.71	917.4	868.4	950	405.2	388.6	418.7	38.9	35.7	41.72
٠,٠	JI AUG ZI	CEMS D	AYWISE V	ALUES FO	R THE M	ONTH OF	SEP '202	1		l	
S.NO.		CEMS D	AYWISE V UNIT#	ALUES FO 4 SOX(m	OR THE M g/nm3)	ONTH OF UNIT#	SEP '202 4 NOX(m	21 g/nm3)	UNIT#	4 DUS	r(mg/nm3)
S.NO.	DATE	CEMS D. UNIT# 4 LOAD(MW) AVG	AYWISE V UNIT# AVG	ALUES FO 4 SOX(m MIN	OR THE M g/nm3) MAX	ONTH OF UNIT# AVG	SEP '202 4 NOX(m MIN	g/nm3) MAX	UNIT#	4 DUST	r(mg/nm3) MAX
S.NO .	DATE 01-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23	AYWISE V UNIT# AVG 920.9	ALUES FO 4 SOX(m MIN 894.7	OR THE M g/nm3) MAX 938.1	ONTH OF UNIT# AVG 310.4	SEP '202 4 NOX(m MIN 279.9	g/nm3) MAX 332.9	UNIT# AVG 39.2	4 DUS MIN 36.8	(mg/nm3) MAX 40.42
S.NO. 1 2	DATE 01-Sep-21 02-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93	AYWISE V UNIT# AVG 920.9 929.1	ALUES FO 4 SOX(m MIN 894.7 910.9	OR THE M g/nm3) MAX 938.1 946.8	ONTH OF UNIT# AVG 310.4 308	SEP '202 4 NOX(m MIN 279.9 281.3	g/nm3) MAX 332.9 337.6	UNIT# AVG 39.2 39.6	64 DUST MIN 36.8 38.1	(mg/nm3) MAX 40.42 41.02
\$.NO. 1 2 3	DATE 01-Sep-21 02-Sep-21 03-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56	AYWISE V UNIT# AVG 920.9 929.1 923.1	ALUES FO 4 SOX(m MIN 894.7 910.9 898.5	938.1 946.8 949.8	ONTH OF UNIT# AVG 310.4 308 310.2	4 NOX(m MIN 279.9 281.3 279.8	g/nm3) MAX 332.9 337.6 338.4	UNIT# AVG 39.2 39.6 39.3	* 4 DUST MIN 36.8 38.1 37.2	MAX 40.42 41.02 41.43
\$.NO. 1 2 3 4	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9	ALUES FO 4 SOX(m MIN 894.7 910.9 898.5 904.2	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3	ONTH OF UNIT# AVG 310.4 308 310.2 308.6	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9	g/nm3) MAX 332.9 337.6 338.4 338.9	UNIT# AVG 39.2 39.6 39.3 39.1	MIN 36.8 38.1 37.2 37.5	MAX 40.42 41.02 41.43 41.09
\$.NO. 1 2 3 4 5	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6	ALUES FO 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5	938.1 946.8 944.3 938.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9	UNIT# AVG 39.2 39.6 39.3 39.1 38.2	36.8 38.1 37.2 37.5 33.9	MAX 40.42 41.02 41.43 41.09 40.38
\$.NO. 1 2 3 4 5 6	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1	* 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2	MAX 40.42 41.02 41.43 41.09 40.38 42.58
\$.NO. 1 2 3 4 5 6 7	01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5	* 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3
\$.NO. 1 2 3 4 5 6 7 8	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5	* 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89
\$.NO. 1 2 3 4 5 6 7 8 9	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2	* 4 DUS** MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24
\$.NO. 1 2 3 4 5 6 7 8 9 10	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1	946.8 944.3 938.7 946.7 948.7 949.7 949.7 949.7 949.7 949.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7	* 4 DUS* MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56
\$.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7	# 4 DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24
\$.NO. 1 2 3 4 5 6 7 8 9 10 11 12	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7	* 4 DUS* MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99
\$.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5	## A DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1	97 THE M 9/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7	ONTH OF UNIT# AVG 310.4 308.6 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2	## A DUST MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 35.2	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2	97 THE M 9/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7	ONTH OF UNIT# AVG 310.4 308.6 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 338.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9	MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6	97 THE M 97 MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4	ONTH OF UNIT# AVG 310.4 308.6 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281.6 281 280.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4	MIN 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6	938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4	ONTH OF UNIT# AVG 310.4 308. 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 281	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 339.3 335.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300	SEP '202 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 281 280.6	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 339.3 337.6 335.1 335.1	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4	97 THE M 97/m3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 281 280.6 281 280.8	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6 335.1 333.5	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 23-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3	ONTH OF UNIT# AVG 310.4 308. 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280 280.4 280.8 279.1 279.9	g/nm3) MAX 332.9 337.6 338.4 338.9 337.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 332.9 337.6 335.1 333.5 339 339 338	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.2 34.8	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	DATE 01-Sep-21 02-Sep-21 03-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 26-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2	9/nm3) MAX 332.9 337.6 338.4 338.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 334.4 332.9 337.6 335.1 333.5 339 338 336.6 334.4 334.7 335.2	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.4 35.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	DATE 01-Sep-21 02-Sep-21 03-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43 469.86	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5 896	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6 306.5	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2 281.7	9/nm3) MAX 332.9 337.6 338.4 338.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 334.4 332.9 337.6 335.1 333.5 339 339 338 336.6 334.4 334.7 335.2 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2 37.5	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.4 35.7 36.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	DATE 01-Sep-21 02-Sep-21 03-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 20-Sep-21 21-Sep-21 22-Sep-21 22-Sep-21 24-Sep-21 25-Sep-21 27-Sep-21	CEMS D. UNIT# 4 LOAD(MW) AVG 524.23 546.93 532.56 540.3 484.1 565.6 517.98 419.72 447.39 432.64 427.87 459.59 487 454.17 342.82 399.57 414.01 432.12 471.75 445.7 455.69 461.47 487.5 486.77 494.29 506.43 469.86	AYWISE V UNIT# AVG 920.9 929.1 923.1 922.9 904.6 935.6 912.6 878.8 888.9 880.3 884 893.6 903.2 892.6 888.2 869.3 877.4 883.4 902.7 884.2 895.5 908.6 904.8 902.2 918.5 896	ALUES FC 4 SOX(m MIN 894.7 910.9 898.5 904.2 844.5 901.9 871.8 833.2 846.9 843.1 843.9 842.7 849 848.1 864.2 837 855.6 864.3 878.4 861.2 856.9 852.1 857 885.1 860 881.7	PR THE M g/nm3) MAX 938.1 946.8 949.8 944.3 938.7 949.7 948.7 929.8 949.1 943.8 921.7 936.2 947.3 931.3 930.7 901 906.4 911.1 945.5 906.7 920.6 932.3 932.9 928.7 927.8	ONTH OF UNIT# AVG 310.4 308 310.2 308.6 309.8 299.2 317.4 308.1 304.5 310.9 313.3 315.5 311.6 313.1 309.4 306 311.6 304.2 300 311.4 309.1 313.2 307.4 310.8 307.7 312.6 306.5	SEP '202' 4 NOX(m MIN 279.9 281.3 279.8 282.9 282.3 280 280.7 279.1 281.4 280.6 281.5 289.9 279.6 280.9 281.6 281 280.6 280.4 280.8 279.1 279.9 279.8 280.6 280.2 288.2 281.7	9/nm3) MAX 332.9 337.6 338.4 338.9 321.4 337.8 337.4 337.9 336.2 338.1 336.7 334 338.4 334.4 332.9 337.6 335.1 333.5 339 339 338 336.6 334.4 334.7 335.2 337.4	UNIT# AVG 39.2 39.6 39.3 39.1 38.2 40.1 38.5 36.5 37.2 36.7 36.9 37.5 38.1 37.4 37.2 35.9 36.4 36.8 38.1 36.7 37.5 37.6 38.5 37.8 39.2 37.5	**MIN** 36.8 38.1 37.2 37.5 33.9 38.2 35.9 33.1 34.2 33.8 33.7 34.1 34 34.4 35.2 33.4 34.6 34.9 36.4 34.7 35.2 34.8 36.4 35.7 36.7 36.7	MAX 40.42 41.02 41.43 41.09 40.38 42.58 41.3 39.89 42.24 41.56 39.53 39.99 41.84 40.41 40.53 38.6 38.71 39.06 41.11 38.84 39.69 40.26 40.62 41.26 40.36 40.8

		CEMS DA	AYWISE V	ALUES FO	R THE M	ONTH OF	APR '202	:1			
CNO	DATE	UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)	UNIT#	5 DUST	(mg/nm3)
S.NO.	DATE	AVG	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX
1	01-Apr-21	441.4	844.0	816.0	870.4	263.5	250.8	273.9	39.7	37.2	41.8
2	02-Apr-21	451.9	846.5	820.7	876.6	263.9	251.8	277.9	39.8	37.4	42.6
3	03-Apr-21	448.2	846.0	819.1	872.5	264.1	251.3	276.2	39.8	37.3	42.2
4	04-Apr-21	455.4	840.5	820.0	861.0	260.7	251.2	270.7	39.1	37.2	41.3
5	05-Apr-21	555.3	885.2	828.0	924.3	274.9	253.9	290.9	42.0	37.8	45.2
6	06-Apr-21	575.6	891.5	825.2	934.2	277.3	253.1	294.2	42.4	37.3	45.8
7	07-Apr-21	627.2	910.6	886.5	944.1	282.5	273.3	296.9	43.5	41.7	46.4
8	08-Apr-21	581.3	887.8	829.4	942.9	275.4	254.2	297.5	42.1	37.9	46.5
9	09-Apr-21	538.5	879.1	844.8	911.7	273.8	258.7	287.6	41.7	38.7	44.5
10	10-Apr-21	574.7	898.0	856.6	919.4	280.5	262.0	289.9	43.1	39.4	45.0
11	11-Apr-21	565.7	892.9	823.3	926.8	278.7	252.2	292.8	42.7	37.4	45.3
12	12-Apr-21	594.7	897.9	871.5	937.5	279.0	266.7	296.0	42.8	40.7	46.2
13	13-Apr-21	576.7	894.5	864.5	924.1	278.5	266.9	291.0	42.7	40.4	45.2
14	14-Apr-21	581.4	891.2	829.2	924.1	276.7	254.1	291.5	42.3	37.8	45.3
15	15-Apr-21	601.3	904.0	874.6	926.4	281.5	267.5	292.4	43.3	40.5	45.5
16	16-Apr-21	569.3	891.3	828.1	922.9	277.7	254.9	291.2	42.6	38.0	45.2
17	17-Apr-21	602.5	903.6	877.9	938.0	280.9	269.6	295.8	43.2	40.9	46.2
18	18-Apr-21	587.3	898.3	848.7	927.3	279.8	265.3	292.4	42.9	39.8	45.3
19	19-Apr-21	538.0	878.3	825.9	939.2	273.9	253.7	295.4	41.8	37.8	46.1
20	20-Apr-21	570.6	889.2	828.2	943.7	276.9	255.2	298.0	42.4	38.1	46.6
21	21-Apr-21	577.6	892.1	825.6	945.9	277.7	253.3	298.5	42.5	37.7	46.3
22	22-Apr-21	587.1	893.0	846.8	944.2	277.2	261.9	297.9	42.5	39.4	46.6
23	23-Apr-21	622.5	909.1	888.2	929.5	282.4	272.2	292.5	43.5	41.2	45.5
24	24-Apr-21	584.2	899.1	868.8	928.6	280.5	268.5	292.8	43.1	40.7	45.3
25	25-Apr-21	570.2	896.5	838.2	936.6	280.1	258.4	295.8	43.0	38.7	46.0
26	26-Apr-21	603.1	907.7	847.4	935.9	283.1	261.4	295.4	43.6	38.9	46.1
27	27-Apr-21	629.5	917.4	889.8	946.3	285.9	273.7	298.9	44.2	41.7	46.8
28	28-Apr-21	589.5	900.8	822.1	932.0	281.1	251.7	293.4	43.2	37.3	45.9
29	29-Apr-21	581.1	900.0	858.8	925.0	280.8	263.6	292.0	43.2	39.7	45.4
30	30-Apr-21	602.9	907.2	850.9	937.5	283.0	262.9	295.9	43.6	39.6	46.0
		CEMS DA	YWISE V	ALUES FO	R THE MO	ONTH OF	MAY '202	21			
S.NO.	DATE	UNIT# 5 LOAD(MW)		5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)			(mg/nm3)
S.NO.	DATE	AVG	AVG	5 SOX(m MIN	g/nm3) MAX	UNIT#	5 NOX(m MIN	g/nm3) MAX	AVG	MIN	MAX
1	01-May-21	AVG 499.2	AVG 916.2	5 SOX(m MIN 840.9	g/nm3) MAX 981.4	UNIT# AVG 377.6	5 NOX(m MIN 352.8	g/nm3) MAX 398.7	AVG 44.1	MIN 38.9	MAX 48.95
1 2	01-May-21 02-May-21	AVG 499.2 505.88	916.2 913.6	5 SOX(m MIN 840.9 835.3	g/nm3) MAX 981.4 988.6	UNIT# AVG 377.6 376.2	5 NOX(m MIN 352.8 350.6	g/nm3) MAX 398.7 401.2	AVG 44.1 43.7	MIN 38.9 38.1	MAX 48.95 49.17
1 2 3	01-May-21 02-May-21 03-May-21	AVG 499.2 505.88 514.42	916.2 913.6 926.8	5 SOX(m MIN 840.9 835.3 847.8	981.4 988.6 977.9	UNIT# AVG 377.6 376.2 380.7	5 NOX(m MIN 352.8 350.6 355.4	g/nm3) MAX 398.7 401.2 397.2	44.1 43.7 44.7	MIN 38.9 38.1 39.3	MAX 48.95 49.17 48.19
1 2 3 4	01-May-21 02-May-21 03-May-21 04-May-21	AVG 499.2 505.88 514.42 587.56	916.2 913.6 926.8 947.9	5 SOX(m MIN 840.9 835.3 847.8 920.6	981.4 988.6 977.9 978.9	UNIT# AVG 377.6 376.2 380.7 387	5 NOX(m MIN 352.8 350.6 355.4 376.8	g/nm3) MAX 398.7 401.2 397.2 398	AVG 44.1 43.7 44.7 45.9	38.9 38.1 39.3 43.5	MAX 48.95 49.17 48.19 48.59
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21	AVG 499.2 505.88 514.42 587.56 583.7	916.2 913.6 926.8 947.9 940.8	5 SOX(m MIN 840.9 835.3 847.8 920.6 914	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9	UNIT# AVG 377.6 376.2 380.7 387 384.3	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8	44.1 43.7 44.7 45.9 45.3	38.9 38.1 39.3 43.5 42.9	MAX 48.95 49.17 48.19 48.59 47.75
1 2 3 4 5	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31	916.2 913.6 926.8 947.9 940.8 966.1	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4	44.1 43.7 44.7 45.9 45.3 47.1	MIN 38.9 38.1 39.3 43.5 42.9 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97
1 2 3 4 5 6	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48	916.2 913.6 926.8 947.9 940.8 966.1 947.1	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8	MIN 38.9 38.1 39.3 43.5 42.9 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48
1 2 3 4 5 6 7 8	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94	916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35
1 2 3 4 5 6 7 8 9	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 09-May-21 10-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61
1 2 3 4 5 6 7 8 9 10	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11
1 2 3 4 5 6 7 8 9 10 11 12 13	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57
1 2 3 4 5 6 7 8 9 10 11 12 13 14	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2	AVG 44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 960.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4 987.6	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 41.6	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 06-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4 987.6 988.3	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4 368.5	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 16-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 960.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6	WNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 41.6	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 15-May-21 16-May-21 17-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut	WNIT# AVG 377.6 376.2 380.7 387.3 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7 down con	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 sit in shut	WNIT# AVG 377.6 376.2 380.7 387.3 387.3 392.7 386.6 381.3 383.1 387.1 385.9 392.3 390.4 368.5 384.7 down condown condo	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 08-May-21 10-May-21 11-May-21 12-May-21 13-May-21 15-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 hit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7 down condown con	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7 down condown condo	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition dition dition dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 27-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 Solit in shuthit in	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 383.1 387.1 385.9 389 392.3 392.2 390.4 368.5 384.7 down condown condo	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition dition dition dition dition dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur Ur	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 389 392.2 390.4 368.5 384.7 down condown c	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 07-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 27-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Urr Urr Urr Urr Urr Urr Urr Urr Urr	9/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 Solit in shuth shit shit shit shit shit shit shit sh	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 381.3 367.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-May-21 02-May-21 03-May-21 05-May-21 05-May-21 06-May-21 07-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 25-May-21 26-May-21 27-May-21 28-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur Ur Ur Ur Ur Ur Ur Ur Ur	g/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 955.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 iit in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-May-21 02-May-21 03-May-21 04-May-21 05-May-21 06-May-21 07-May-21 09-May-21 10-May-21 11-May-21 12-May-21 13-May-21 14-May-21 15-May-21 17-May-21 18-May-21 19-May-21 20-May-21 21-May-21 22-May-21 23-May-21 24-May-21 25-May-21 26-May-21 27-May-21 28-May-21 29-May-21	AVG 499.2 505.88 514.42 587.56 583.7 626.31 590.48 552.02 548.71 579.94 582.5 582.13 625.75 626.87 624.65 436.46	AVG 916.2 913.6 926.8 947.9 940.8 966.1 947.1 930.7 934.6 947.7 944.7 952.7 965.1 965.1 960.2 887.2	5 SOX(m MIN 840.9 835.3 847.8 920.6 914 937.3 904.8 901.2 901.9 909.9 913.3 920.7 934.2 937.4 887.6 832.3 890.5 Ur	g/nm3) MAX 981.4 988.6 977.9 978.9 970.9 986.3 976.4 958.9 973.4 980.5 972 993.4 987.6 988.3 956.6 959.2 It in shut hit hit hit hit hit hit hit hit hit hi	UNIT# AVG 377.6 376.2 380.7 387 384.3 392.7 386.6 381.3 387.1 385.9 392.3 392.2 390.4 368.5 384.7 down condown	5 NOX(m MIN 352.8 350.6 355.4 376.8 374.3 381.2 372.3 370.7 370.6 373.2 374.3 376.7 381.2 350.6 371.6 dition	g/nm3) MAX 398.7 401.2 397.2 398 394.8 400.4 396.6 392.5 391.1 396.9 398.7 395.7 402.9 401.2 401 391.7	44.1 43.7 44.7 45.9 45.3 47.1 45.8 44.7 45.2 46 45.7 46.5 47 46.6 42.2	MIN 38.9 38.1 39.3 43.5 42.9 44.3 42.6 42.2 42.1 42.7 42.9 43.4 44.3 44.3 41.6 37.9	MAX 48.95 49.17 48.19 48.59 47.75 48.97 48.15 47.48 47.08 48.35 48.61 48.11 49.57 49.21 47.26

		CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	JUN '202	21			
S.NO.	DATE	UNIT# 5 LOAD(MW) AVG	UNIT#	5 SOX(m	g/nm3) MAX	UNIT#	5 NOX(m MIN	g/nm3) MAX	UNIT#	5 DUST	(mg/nm3) MAX
1	01-Jun-21	AVG	AVG			down con		MAX	AVG	101110	MAX
2	02-Jun-21					down con					
3	03-Jun-21					down con					
4	04-Jun-21			Ur	it in shut	down con	dition				
5	05-Jun-21			Ur	it in shut	down con	dition				
6	06-Jun-21			Ur	it in shut	down con	dition				
7	07-Jun-21			Ur	it in shut	down con	dition				
8	08-Jun-21			Ur	it in shut	down con	dition				
9	09-Jun-21			Ur	it in shut	down con	dition				
10	10-Jun-21			Ur	it in shut	down con	dition				
11	11-Jun-21			Ur	it in shut	down con	dition				
12	12-Jun-21					down con					
13	13-Jun-21					down con					
14	14-Jun-21					down con					
15	15-Jun-21					down con					
16	16-Jun-21	221.7	873.8	836.3	919.8	364.6	351	380.5	38.5	36.4	44.58
17	17-Jun-21	473.15	902.4	842.9	951.1	372.8	353	387.3	36.8	34.6	48.56
18 19	18-Jun-21 19-Jun-21	545.38 489.46	935.8 913.5	865.8 849.7	969.8 983.8	383.7 377.1	361.7 356.2	395.6 400.1	36.5 39.5	41.1 37.9	46.51 48.68
20	19-Jun-21 20-Jun-21	489.46 526.14	913.5	849.7	985.8	379.7	351.9	400.1	39.5	36.4	48.68
21	21-Jun-21	575.58	946.1	870.2	988.4	386.8	364	400.4	40.4	39.3	49.05
22	22-Jun-21	584.31	943.2	843.3	976.6	385.2	353.7	397.1	39.8	38.2	47.79
23	23-Jun-21	517.12	927.3	838.1	981.8	380.9	351.6	399.2	40.5	38.8	48.69
24	24-Jun-21	559.49	935.9	888.5	985.6	383.3	367	400.5	41.4	40.5	48.09
25	25-Jun-21	566.88	942.2	885.7	973.9	385.3	366.8	396.5	41.7	39.3	49.36
26	26-Jun-21	583.81	941.8	893.4	971.8	384.7	369.8	395.1	44.7	42.1	47.55
27	27-Jun-21	477.48	903.7	844.4	963	373.8	353.5	393.9	43.3	38.7	47.77
28	28-Jun-21	528.41	921.8	844.4	976.9	378.8	353.5	397.6	44.2	38.6	48.62
29 30	29-Jun-21	550.82	931.4	903.5	961.6	381.8	371.3	393.3	44.8	41.3 39.3	47.85
30	30-Jun-21	546.16	933.8	909.4	979.3	382.8	373.1	398.4	45.1	39.3	47.81
						ひいエロ ひと	כחבי וווו	1			
	1						JUL '202		LINIT#	5 DUST	(ma/nm3)
S.NO.	DATE	UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)			(mg/nm3) MAX
S.NO.	DATE 01-Jul-21	UNIT# 5 LOAD(MW) AVG				UNIT#	5 NOX(m MIN		UNIT# AVG	5 DUST MIN 43.4	MAX
		UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3) MAX	UNIT#	5 NOX(m	g/nm3) MAX	AVG	MIN	
1	01-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91	UNIT# AVG 949.8	5 SOX(m MIN 918.9	g/nm3) MAX 977.2	UNIT# AVG 387.5	5 NOX(m MIN 376.9	g/nm3) MAX 398.1	AVG 46	MIN 43.4	MAX 48.6
1 2 3 4	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92	UNIT# AVG 949.8 957.3 955.1 948.8	5 SOX(m) MIN 918.9 928.5 924.7 923.1	977.2 986.8 990.3 973.9	UNIT# AVG 387.5 389.6 389 387.2	5 NOX(m MIN 376.9 378.6 378 377.5	g/nm3) MAX 398.1 400.5 401.8 396.7	46 46.4 46.3 45.9	43.4 43.7 43.7 43.6	MAX 48.6 49.1 49.31 48.27
1 2 3	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57	UNIT# AVG 949.8 957.3 955.1 948.8 962.2	5 SOX(m MIN 918.9 928.5 924.7 923.1 936.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1	UNIT# AVG 387.5 389.6 389 387.2 391.6	5 NOX(m MIN 376.9 378.6 378 377.5 381.1	g/nm3) MAX 398.1 400.5 401.8 396.7	46 46.4 46.3 45.9 46.9	43.4 43.7 43.7 43.6 44.3	MAX 48.6 49.1 49.31 48.27 49.17
1 2 3 4 5	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6	46 46.4 46.3 45.9 46.9 45.9	MIN 43.4 43.7 43.7 43.6 44.3 43.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09
1 2 3 4 5 6	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4 378.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6	46 46.4 46.3 45.9 46.9 45.9	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48
1 2 3 4 5 6 7	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4 378.7 366.1	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6	46 46.4 46.3 45.9 46.9 45.9 46 46.2	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7	5 NOX(m MIN 376.9 378.6 378 377.5 381.1 378.4 378.7 366.1 375.6	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8	46 46.4 46.3 45.9 46.9 45.9 46 46.2	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5	5 SOX(m) 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7	5 NOX(m MIN 376.9 378.6 378. 377.5 381.1 378.4 378.7 366.1 375.6 373.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6	46 46.4 46.3 45.9 46.9 45.9 46 46.2 46.1 46.3	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1 42.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91
1 2 3 4 5 6 7 8	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8	46 46.4 46.3 45.9 46.9 45.9 46 46.2	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65
1 2 3 4 5 6 7 8 9	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5	5 SOX(m) 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7	5 NOX(m MIN 376.9 378.6 378. 377.5 381.1 378.4 378.7 366.1 375.6 373.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6 398.9	46 46.4 46.3 45.9 46.9 45.9 46 46.2 46.1 46.3	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91
1 2 3 4 5 6 7 8 9 10	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5	UNIT# AVG 387.5 389.6 389 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6 398.9	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 43.1 42.8 39.1 39.6	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94
1 2 3 4 5 6 7 8 9 10 11 12	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.4 43.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 08-Jul-21 10-Jul-21 11-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.4 43.8 44.2	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 45.84 47.65 47.85 48.23 48.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.4 43.8 44.2 44.9	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 391.1	46 46.4 46.3 45.9 46.9 45.9 46.2 46.1 46.3 43.6 43.5 43.8 44.2 44.9 41.8	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 18-Jul-21 19-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 391.1 380.9 382.1	46.4 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43.8 44.2 44.9 41.8 41.8	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3	UNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.5 41	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41.5	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.7 38.7 38.7 38.7 38.4 39.8	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 20-Jul-21 21-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8	918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 16-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21	UNIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5	WNIT# AVG 387.5 389.6 389.387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.7 38.7 38.7 38.7 38.4 39.8 38.2	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 27-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 835.5 836.1 833.1	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3	5 NOX(m MIN 376.9 378.6 378.6 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 395.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4 393.7 393.8 392.3	46 46.4 46.3 45.9 46.9 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5 42.5 42.6	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.4 39.8 38.2 38.3 38.2	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.63 45.4 44.34 46.71 48.07 47.73 47.85
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51 458.45	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5 896.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 835.5 836.1 833.1 839.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7 982.2	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3 371.6	5 NOX(m MIN 376.9 378.6 378.6 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4 393.7 393.8 392.3 399.6 389.6	AVG 46 46.4 46.3 45.9 46.9 45.9 46 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5 42.5 42.6 41.3 43.6 42.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.4 39.8 38.7 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73 47.85 47.46 48.9 46.67
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 13-Jul-21 14-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21 29-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51 458.45 473.96	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5 896.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 836.1 833.1 839.8 842.6	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7 982.2 952.9	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3 371.6 374.7	5 NOX(m MIN 376.9 378.6 378.3 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 380.9 382.1 378.2 389.2 395.4 393.7 393.8 392.3 399.6 389.6	AVG 46 46.4 46.3 45.9 46.9 45.9 46 46.2 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.5 41 41 43.5 42.5 42.6 41.3 43.6 42.8 43.5	MIN 43.4 43.7 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.8 38.7 38.8 38.7 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 45.84 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73 47.85 47.46 48.9 46.67 47.54
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	01-Jul-21 02-Jul-21 03-Jul-21 04-Jul-21 05-Jul-21 06-Jul-21 07-Jul-21 09-Jul-21 10-Jul-21 11-Jul-21 12-Jul-21 13-Jul-21 15-Jul-21 17-Jul-21 18-Jul-21 19-Jul-21 20-Jul-21 21-Jul-21 22-Jul-21 23-Jul-21 24-Jul-21 25-Jul-21 25-Jul-21 26-Jul-21 27-Jul-21 28-Jul-21	NIT# 5 LOAD(MW) AVG 592.91 612.79 608.34 589.92 610.57 603.06 598.7 604.07 597.07 600.41 504.79 486.45 492.45 454.12 493.32 531.28 549.5 445.93 395.89 389.9 375.88 384.93 468.43 448.4 441.2 435.92 482.51 458.45	UNIT# AVG 949.8 957.3 955.1 948.8 962.2 949.7 950.9 953 950.5 954.1 911 907.3 903.5 897.4 912.6 920.9 931.3 883.8 877.9 874 866.8 869.1 906.4 892.1 878.8 908.5 896.9	5 SOX(m) MIN 918.9 928.5 924.7 923.1 936.5 926 926.3 885.7 918.1 909.4 846.8 851.8 837.3 843.3 863.5 837.4 853.7 841.6 843.2 837.2 842.4 838.8 850.5 835.5 836.1 833.1 839.8	9/nm3) MAX 977.2 986.8 990.3 973.9 987.1 985.9 976.7 983.6 970.3 981.9 981.5 957.8 943.5 963 969.7 973 977.2 960.4 920.3 924.3 912 951.1 968 962.5 963.1 957.7 982.2	UNIT# AVG 387.5 389.6 389.3 387.2 391.6 387.1 387.7 388.4 387.7 388.9 375.6 374.7 373 372.1 376.4 378.5 381.9 367.2 366.2 364.7 362.4 363 374.8 370.2 370.1 365.2 375.3 371.6	5 NOX(m MIN 376.9 378.6 378.6 377.5 381.1 378.4 378.7 366.1 375.6 373.3 354.9 357 351.4 353.5 361.9 351.3 356.5 353.1 353.7 351.3 353.7 351.3 353.7 351.3	g/nm3) MAX 398.1 400.5 401.8 396.7 401 400.6 397.6 399.6 399.6 399.8 399.6 398.9 391 386.1 393.6 395.1 396.5 398.1 396.5 398.1 378.2 389.2 395.4 393.7 393.8 392.3 399.6 389.6	AVG 46 46.4 46.3 45.9 46.9 45.9 46 46.1 46.3 43.6 43.5 43 43.8 44.2 44.9 41.8 41.8 41.5 41 41 43.5 42.5 42.6 41.3 43.6 42.8	MIN 43.4 43.7 43.6 44.3 43.8 43.9 41.3 42.8 39.1 39.6 38.3 39.2 40.8 38.3 39.4 38.7 38.7 38.7 38.4 39.8 38.7 38.7 38.7 38.7	MAX 48.6 49.1 49.31 48.27 49.17 49.09 48.48 49.26 48.12 48.91 48.65 46.94 47.65 47.85 48.23 48.6 46.65 44.63 45.4 44.34 46.71 48.07 47.73 47.85 47.46 48.9 46.67

		CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	AUG '202	:1			
CNO	DATE	UNIT# 5 LOAD(MW)	UNIT#	5 SOX(m	g/nm3)	UNIT#	5 NOX(m	g/nm3)	UNIT#	5 DUST	(mg/nm3)
S.NO.	DATE	AVG	AVG	WIN	MAX	AVG	MIN	MAX	AVG	WIN	MAX
1	01-Aug-21	433.94	888.5	841.3	936.4	369	352.6	383.9	42.3	38.6	45.36
2	02-Aug-21	454.71	899.1	841.8	941.3	372.2	352.8	387.3	42.9	38.6	46.42
3	03-Aug-21	463.13	898.6	839.8	933.3	371.9	352	384.9	42.9	38.4	45.96
4	04-Aug-21	485.79	911.9	841.1	956.9	376.3	354.6	391.4	43.9	39.4	47.44
5	05-Aug-21			Ur	iit in shut	down con	dition				
6	06-Aug-21			Ur	iit in shut	down con	dition				
7	07-Aug-21	230.37	926.3	901.6	949.6	381.1	374.2	389.6	44.9	43.1	46.64
8	08-Aug-21	542.01	929.3	892.9	961.9	381.1	368.5	392.8	44.7	41.8	47.41
9	09-Aug-21	521.47	917.6	890.1	947.1	377.4	367.6	388.3	43.9	41.6	46.6
10	10-Aug-21	515.52	922.5	893	943.9	379.4	368.2	388.1	44.4	41.7	46.6
11	11-Aug-21	109.72	892.3	838.7	919.6	369.6	351.9	378.9	42.4	38.4	44.39
12	12-Aug-21					down con					
13	13-Aug-21					down con					
14	14-Aug-21	514.69	923.4	893.8	949.7	379.4	368.4	389	44.3	41.7	46.72
15	15-Aug-21	519.2	918.6	872	957.1	377.9	362	392.1	44	40.5	47.26
16	16-Aug-21	515.83	922.3	876.7	960.1	379.2	364.7	391.6	44.4	41.3	47.02
17	17-Aug-21	530.85	925.9	888.1	971.1	380.2	368.6	396.5	44.5	42.1	48.29
18 19	18-Aug-21	467.04 473.32	899.3	865.4	929.4	372.2 372.3	362.6 356.5	382.4	43 42.9	40.9 39.6	45.34 47.07
20	19-Aug-21 20-Aug-21	473.32	900.4	849.7 874.6	954.5 932.2	375.3	363.4	390.9 383.4	42.9	39.6 40.7	47.07 45.49
21	20-Aug-21 21-Aug-21	491.04	910.7	874.6	932.2	376.1	365.4	386.6	43.8	40.7	45.49
22	21-Aug-21 22-Aug-21	458.38	899.7	836.7	940.5	370.1	351.1	389.6	43.8	38.2	46.22
23	23-Aug-21	420.44	881.1	848.8	920.9	366.7	354.7	379.4	41.8	38.9	44.49
24	24-Aug-21	390.6	870.6	837.9	904.2	363.5	351.4	376	41.2	38.3	44.13
25	25-Aug-21	462.8	901.8	842.1	936.1	373.2	352.7	385.6	43.1	38.6	46.07
26	26-Aug-21	532.33	928.8	897.3	956.6	381.3	369.4	391.9	44.8	41.9	47.37
27	27-Aug-21	551.47	941.7	912.6	963.2	385.7	374.3	394	45.8	43	47.41
28	28-Aug-21	561.91	936.7	904.1	978.8	383.5	371.3	398.3	45.2	42.3	48.58
29	29-Aug-21	547.38	928.5	902.6	950	380.8	370.8	388.1	44.6	42.2	46.44
30	30-Aug-21	553.08	938.3	915.6	960.4	384.4	374.9	392.3	45.5	43	47.28
31	31-Aug-21	524.09	917.4	868.4	950	405.2	388.6	418.7	38.9	35.7	41.72
31	31-Aug-21	CEMS DA	YWISE V	ALUES FO	R THE M	ONTH OF	SEP '202	1		l	
31 S.NO.	31-Aug-21 DATE	CEMS DA	AYWISE V. UNIT#	ALUES FO 5 SOX(m	R THE M g/nm3)	ONTH OF UNIT#	SEP '202 5 NOX(m	1 g/nm3)	UNIT#	5 DUST	(mg/nm3)
S.NO.	DATE	CEMS DA UNIT# 5 LOAD(MW) AVG	AYWISE V UNIT# AVG	5 SOX(m	R THE M g/nm3) MAX	ONTH OF UNIT# AVG	SEP '202 5 NOX(m MIN	1 g/nm3) MAX	UNIT#	5 DUST	(mg/nm3) MAX
S.NO.	DATE 01-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6	UNIT# AVG 922.6	5 SOX(m MIN 897.4	OR THE M g/nm3) MAX 948.9	ONTH OF UNIT# AVG 308.5	SEP '202 5 NOX(m MIN 282.1	1 g/nm3) MAX 333.5	UNIT# AVG 44.2	5 DUST MIN 42	(mg/nm3) MAX 47.29
S.NO. 1 2	DATE 01-Sep-21 02-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84	WISE V. UNIT# AVG 922.6 928.4	5 SOX(m) MIN 897.4 903	PR THE M g/nm3) MAX 948.9 949.9	ONTH OF UNIT# AVG 308.5 309.3	SEP '202 5 NOX(m MIN 282.1 281.7	1 g/nm3) MAX 333.5 340	UNIT# AVG 44.2 44.8	5 DUST MIN 42 42.8	(mg/nm3) MAX 47.29 47.34
S.NO. 1 2 3	DATE 01-Sep-21 02-Sep-21 03-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33	AYWISE V UNIT# AVG 922.6 928.4 925.7	### ALUES FO 5 SOX(m) ## MIN 897.4 903 900.8	MAX 948.9 949.9 949.4	ONTH OF UNIT# AVG 308.5 309.3 310.5	SEP '202 5 NOX(m MIN 282.1 281.7 281.2	1 g/nm3) MAX 333.5 340 340.4	UNIT# AVG 44.2 44.8 44.6	5 DUST MIN 42 42.8 42.2	(mg/nm3) MAX 47.29 47.34 47.06
\$.NO. 1 2 3 4	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61	AYWISE V UNIT# AVG 922.6 928.4 925.7 920.6	### ALUES FC 5 SOX(m) MIN 897.4 903 900.8 891.1	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3	1 g/nm3) MAX 333.5 340 340.4 338.7	UNIT# AVG 44.2 44.8 44.6 44.1	5 DUST MIN 42 42.8 42.2 41.5	(mg/nm3) MAX 47.29 47.34 47.06 47.12
S.NO. 1 2 3 4 5	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8	5 DUST MIN 42 42.8 42.2 41.5 39.1	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8
\$.NO. 1 2 3 4	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61	AYWISE V UNIT# AVG 922.6 928.4 925.7 920.6	### ALUES FC 5 SOX(m) MIN 897.4 903 900.8 891.1	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5	UNIT# AVG 44.2 44.8 44.6 44.1	5 DUST MIN 42 42.8 42.2 41.5	(mg/nm3) MAX 47.29 47.34 47.06 47.12
\$.NO. 1 2 3 4 5 6	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61
\$.NO. 1 2 3 4 5 6 7	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11
S.NO. 1 2 3 4 5 6 7	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 281.5	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96
S.NO. 1 2 3 4 5 6 7 8 9 10 11	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3	948.9 949.9 949.4 942.8 949.9 948.5 946.3 936.9 931.5	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 281.5 283.3	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9 931.5	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 281.5 283.3	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9 931.5 932.9	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6 39.6	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 08-Sep-21 10-Sep-21 11-Sep-21 11-Sep-21 13-Sep-21 14-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4	1 g/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6 39.6 38.8	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.7 39.6 38.2 39.6 39.6 38.8 40.7	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 13-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1 944.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6	SEP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2 282.6	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2 282.6 282.4	1 g/nm3) MAX 333.5 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946 938.4 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.7 282.5 283.3 285 283.6 282.4 282.2 282.6 282.4	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8 927.2	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 308.9	\$EP '202	1 g/nm3) MAX 333.5 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 10-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8 927.2 932 it in shut	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 307.7 308.1 down con	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 282.2 290.1 281.2 282.5 283.5 283.6 282.4 282.2 282.6 282.4 282.4 dition	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 18-Sep-21 19-Sep-21 20-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 946.3 936.9 931.5 932.9 938.2 942.1 944.8 926.7 909.8 927.2 932 pit in shut in shut in shut	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 down condown	\$EP '202 5 NOX(m	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
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S.NO. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	DATE 01-Sep-21 02-Sep-21 03-Sep-21 04-Sep-21 05-Sep-21 06-Sep-21 07-Sep-21 09-Sep-21 11-Sep-21 11-Sep-21 12-Sep-21 14-Sep-21 15-Sep-21 16-Sep-21 17-Sep-21 19-Sep-21 20-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21 21-Sep-21	CEMS DA UNIT# 5 LOAD(MW) AVG 532.6 556.84 536.33 537.61 494.94 570.41 527.49 422.02 431.91 433.48 423.46 449.15 475.53 458.77 474.28 422.77 407.1 442.53	AYWISE V. UNIT# AVG 922.6 928.4 925.7 920.6 909.3 929.3 914.3 881.5 891.5 887 888.6 890.5 902.8 897.6 915.8 881.6 877.9 890.4	ALUES FO 5 SOX(m) MIN 897.4 903 900.8 891.1 849.8 864.9 861 841.7 851.2 852 836.3 854.6 853.2 842.2 874 846.9 837.4 868 864.2 Ur	PR THE M g/nm3) MAX 948.9 949.9 949.4 942.8 949 948.5 946.3 936.9 931.5 932.9 932.9 942.1 944.8 926.7 909.8 927.2 932 iit in shut i	ONTH OF UNIT# AVG 308.5 309.3 310.5 310.5 313.1 311.6 307.6 318 315.2 311.6 307.9 312.7 308 310.8 308.9 311.6 308.9 311.6 down condown	\$EP '202 5 NOX(m MIN 282.1 281.7 281.2 285.3 285.2 290.1 281.2 282.7 282.5 281.5 283.3 285 283.6 282.4 282.2 282.6 282.4 dition dition dition	9/nm3) MAX 333.5 340 340.4 338.7 340.9 338.5 339.9 339.7 340.4 339.8 341 340 340.7 335.6 337.9 339.5 338.9	UNIT# AVG 44.2 44.8 44.6 44.1 43.8 44.3 41.7 43 42.3 42.2 42.6 43.2 42.8 43.6 41.8 41.7 42.3	5 DUST MIN 42 42.8 42.2 41.5 39.1 40 40 38.7 39.6 38.2 39.6 39.6 38.8 40.7 39.4 38.4 40.2	(mg/nm3) MAX 47.29 47.34 47.06 47.12 47.8 47.61 48.11 46.05 47.59 44.96 44.84 47.19 47.11 46.43 46.44 44.5 44.4
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Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000036614

Submitted Date

24-09-2021

PART A

Company Information

Company Name

Adani Power Maharastra Limited

Address

plot A 1, Tirora Growth centre, MIDC Area, Tirora, Gondia

Plot no

PLOT NO: A-1, TIRODA GROWTH CENTRE, MIDC, TIRODA

Capital Investment (In lakhs)

1847648.00 Pincode

441911

Telephone Number

8875088555

Region

SRO-Bhandara

Last Environmental statement submitted online

yes

Consent Valid Upto

2021-08-31

Application UAN number

MPCB-CONSENT-0000094229

Taluka

Tiroda

Scale L.S.I

Person Name Kanti Biswas

Fax Number

Industry Category

Red

2012

Consent Number

MPCB-CONSENT-0000094229 2020-09-09

Establishment Year

Date of last environment statement

Kanti.Biswas@adani.com

R48 Thermal Power Plants

Consent Issue Date

submitted

Village

Gondiya

Email

City

MIDC Tirora

Designation

Station Head

Industry Type

Sep 29 2020 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name Consent Quantity Actual Quantity UOM Electricity Generation 3300 2060.44 Mwh Fly Ash Bricks 10000 356000 Nos./Y

By-product Information

By Product Name **Consent Quantity Actual Quantity UOM** 0 0 MT/A

Part-B (Water & Raw Material Consumption)

Water Consumpti Process	on for	Consent Qua 26592	ntity in m3/day	Actual Quantity in m3 1828.00	3/day
Cooling		163728		112600.00	
Domestic		1440		1203.00	
All others		100		95.00	
Total		191860		115726.00	
	ation in CMD / MLD		anaant Overstitus	Astrol Organista	шом
Particulars Trade Effluent			onsent Quantity 1205	Actual Quantity 15941	UOM CMD
Domestic Effluent		19	92	181	CMD
	Process Water Consump	tion (cubic meter of			
Name of Products			During the Previous financial Year	During the curre Financial year	ent UOM
Thermal Power Plan	nts		143442	115726	CMD
Bricks			7.5	7.35	CMD
material per unit Name of Raw Mat			Ouring the Previous inancial Year	During the current Financial year	иом
Coal		0	0.63	0.64	MT/MWI
4) Fuel Consumpt Fuel Name	tion	Consent quantit	tv Actua	l Quantity	UOM
LDO		95.52	1.42	· • • • • • • • • • • • • • • • • • • •	CMD
Part-C					
	ged to environment/uni	t of output (Paramete	er as specified in the cor	nsent issued)	
Pollution discharg [A] Water Pollutants Detail		t of output (Paramete Concentration of Poli discharged(Mg/Lit) E PH,Temp,Colour Concentration	lutants Percenta xcept from pre	age of variation escribed ds with reasons	ndard Reason
[A] Water	Quantity of Pollutants discharged (kL/day)	Concentration of Pol discharged(Mg/Lit) E PH,Temp,Colour	lutants Percenta except from pre standard	age of variation escribed ds with reasons	ndard Reason -
[A] Water Pollutants Detail ZLD Maintained [B] Air (Stack)	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Policischarged (Mg/Lit) E PH, Temp, Colour Concentration	lutants Percenta from pre standard %variati - ollutants Percent 3) Fercent	age of variation escribed ds with reasons on Sta - - rage of variation escribed	ndard Reasoi -
[A] Water Pollutants Detail ZLD Maintained [B] Air (Stack)	Quantity of Pollutants discharged (kL/day) Quantity 0 Quantity of Pollutants	Concentration of Policischarged (Mg/Lit) E PH, Temp, Colour Concentration 0 Concentration of Policis	lutants Percenta from pre standard %variati - ollutants Percent 3) Fercent	age of variation escribed ds with reasons on Sta - rage of variation escribed ds with reasons	ndard Reason - ndard Reason -
[A] Water Pollutants Detail ZLD Maintained [B] Air (Stack) Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity 0 Quantity of Pollutants discharged (kL/day)	Concentration of Policischarged(Mg/Lit) E PH,Temp,Colour Concentration Concentration of Policischarged(Mg/NM) Concentration	lutants Percenta from pre standare %variati - ollutants Percent 3) from pre standar	age of variation escribed ds with reasons on Sta - rage of variation escribed ds with reasons	-

Part-D

HAZARDOUS WASTES 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
5.1 Used or spent oil	31.06	37.55	KL/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	300	389	Nos./Y
35.2 Spent ion exchange resin containing toxic metals	0.64	0.4365	KL/A

2) From	Pollution	Control	Facilities
~	, , , , , , , ,	FUIIULIUII	COILLIOI	I acilicies

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	0.14	0.370	MT/A

Part-E

SOLID WASTES			
1) From Process			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Bottom Ash	963038	756000	MT/A

21	From	Pollution	Control	Facilities
~ ~ 1	rioiii	Pollution	COILLION	racilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly Ash	3852155	3024001	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	ИОМ	Concentration of Hazardous Waste
5.1 Used or spent oil	33.55	KL/A	Report Enclosed
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	389	Nos./Y	Empty chemical containers
35.2 Spent ion exchange resin containing toxic metals	0.435	KL/A	Waste Resin replaced from maintenance
35.3 Chemical sludge from waste water treatment	0.370	MT/A	Chemical Sludge from ETP

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Organic Waste	77.96	Kg/Day	Waste from kitchen, horticulture activities.
Inorganic Waste	337	Kg/Day	Plastic, Metal, Wood, Rubber and Glass
Paper Waste	10	Kg/Day	Paper from office & packing material

Part-G

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Replacement of existing CT fills with new low clogging CT fills	0	0	7630	0	645	0
Improvement in Main Stream Temperature (MST) by operational measures	0	0	17923	0	0	0
Effective Monitoring & Running PT plant drive (flash mixture) as per raw water turbidity	0	0	0	30073	0	0
Rainwater Harvesting through various rainwater harvesting structures	1.20	0	0	0	0	0
Recycling of Guard Pond Water for Green Belt Development	4475.67	0	0	0	0	0
Natural Conservation through Waste Paper Recycling Unit	0	0	1630	0	0	0
Used of Bottom Ash as replacement of sand	0	0	427000	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution. [A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Pollution Control Equipment O&M	ESP, Bag Filters ETC	5011.40
Pollution Monitoring, Study and Analysis	Environment Monitoring Equipment's, Third Party Monitoring, Fly Ash Lechability Study and Hydrogeological Study	90.00
Green Belt Development	Nursary Development, Sapling Plantation and Maintenance of Existing Green Belt. Also plantation in gap filling areas carried out.	282.0
Corporate Social Responsibility	Under CSR Activities Deeping and renovation of Ponds, Health $\&$ Sanitization, Waste Management and Skill Development	397.0
Legal & Consent Fees	Consent to Operate and JVS sampling done by MPCB and Hazardous Waste Management by MEPL	379.85
Training & Awareness	Environmental Workshop, Seminar and Training and Celebration of World Environment Day	3.0
Waste Management	Fly Ash Utilization and its Management	6975

[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Pollution Control Equipment O&M	ESP, Bag Filters ETC	5512.54
Pollution Monitoring, Study and Analysis	Environment Monitoring Equipment's, Third Party Monitoring, Fly Ash Lechability Study and Hydrogeological Study	99

Green Belt Development	Nursary Development, Sapling Plantation and Maintenance of Existing Green Belt. Also plantation in gap filling areas carried out.	310.2
Corporate Social Responsibility	Under CSR Activities Deeping and renovation of Ponds, Health & Sanitization, Waste Management, Skill Development etc.	436.7
Legal & Consent Fees	Consent to Operate and JVS sampling done by MPCB and Hazardous Waste Management by MEPL	417.835
Training & Awareness	Environmental Workshop, Seminar and Training and Celebration of World Environment Day	3.3
Waste Management	Fly Ash Utilization and its Management	7672.5
Establishment of Ash Utilization Research Park	For 100% Fly Ash Utilization	150.0
Stabilization of Ash Dyke With Green Coverage	For Legacy Ash Utilization	350.0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

1) Environmental Laboratory (NABL Accredited) is being maintained 2) We are scientifically depositing waste originated from canteen and guest house from our plant through

Name & Designation

Kanti Biswas - Station Head

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000036614

Submitted On:

24-09-2021





NABET Accredited & MoEF (Covt. of India) approved DII to: Usassaninas/Pomens

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- Yes. : +91 22 2004 1647 / 46 / 46 / 57 / 58 + 5-mail : http://www.appoi.com + Website : www.appoi.com

Page 1 of 2

ENV/SWT/2021-22/029

Date: 8.07.2021

ISSUED TO:

M/s ADANI POWER MAHARASHTRA LIMITED

Plot no. - A1, Tirora Growth Center, MIDC, Tirora, Dist.: Gondia, Maharashtra – 441 911. India

Sample Particulars: Fly Ash Sample

Sample Registration Date : 28.06.2021 Analysis Starting Date : 30.06.2021

Quantity received : 2 kg Analysis Completion Date : 8.07.2021

Sample Type: : Solid Waste Sampled by : EAEPL Representative

TEST RESULTS

Sr. No.	Test Parameters	Measurement Unit	Results
1	Alumina (as Al ₂ O ₃)	% by mass	24.81
2	Iron Oxide (as Fe ₂ O ₃)	% by mass	5.07
3	Silica (as SiO ₂)	% by mass	56.8
4	Reactive Silica	% by mass	0.026
5	Magnesium Oxide (as MgO)	% by mass	1.53
6	Sulphur Trioxide (as SO ₃)	% by mass	0.051
7	Alkalies (as Na ₂ O)	% by mass	3.16
8	Chloride (as Cl)	% by mass	0.028
9	Loss on ignition (as LOI)	% by mass	0.03
10	Cadmium	mg/kg	0.21
11	Chromium	mg/kg	14.8
12	Arsenic	mg/kg	0.782
13	Mercury	mg/kg	0.062
14	Selenium	mg/kg	Nil
15	Cyanide	mg/kg	Nil
16	Cobalt	mg/kg	15.7
17	Copper	mg/kg	29.1
18	Lead	mg/kg	16.3
19	Molybdenum	mg/kg	Nil
20	Nickel	mg/kg	19.8
21	Tin	mg/kg	Nil

For Enviro Analysts & Engineers Pvt. Ltd.

Authorized Signatory

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Page 2 of 2

Date: 8.07.2021

ENV/SWT/2021-22/029

V/S W 1/2021-22/02)

ISSUED TO:

M/s ADANI POWER MAHARASHTRA LIMITED

Plot no. - A1, Tirora Growth Center, MIDC, Tirora, Dist.: Gondia, Maharashtra – 441 911. India

Sample Particulars: Fly Ash Sample

Sample Registration Date : 28.06.2021 Analysis Starting Date : 30.06.2021

Quantity received : 2 kg Analysis Completion Date : 8.07.2021

Sample Type: : Solid Waste Sampled by : EAEPL Representative

TEST RESULTS

Sr. No.	Test Parameters	Measurement Unit	Results
22	Barium	mg/kg	277
23	Calcium	mg/kg	123781
24	Iron	mg/kg	35439.3
25	Zinc	mg/kg	68.3
26	Aluminium	mg/kg	131244.90
27	Manganese	mg/kg	117.5
28	Antimony	mg/kg	Nil
29	Beryllium	mg/kg	Nil

Note: 1. Results relate to tested sample only.

2. Test report should not be reproduced partially.

REMARKS: Based upon request of party, sample was tested for above mentioned parameters only.

For Enviro Analysts & Engineers Pvt. Ltd.

Authorized Signatory

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Page 1 of 2

Date: 8.07.2021

ENV/SWT/2021-22/029 /1

ISSUED TO:

M/s ADANI POWER MAHARASHTRA LIMITED

Plot no. - A1, Tirora Growth Center, MIDC, Tirora,

Dist.: Gondia, Maharashtra – 441 911. India

Sample Particulars: Pond Ash Sample

Sample Registration Date : 28.06.2021 Analysis Starting Date : 30.06.2021

Quantity received : 2 kg Analysis Completion Date : 8.07.2021

Sample Type: : Solid Waste Sampled by : EAEPL Representative

TEST RESULTS

Sr. No.	Test Parameters	Measurement Unit	Results
1	Alumina (as Al ₂ O ₃)	% by mass	21.70
2	Iron Oxide (as Fe ₂ O ₃)	% by mass	4.78
3	Silica (as SiO ₂)	% by mass	57.92
4	Reactive Silica	% by mass	0.021
5	Magnesium Oxide (as MgO)	% by mass	1.24
6	Sulphur Trioxide (as SO ₃)	% by mass	0.073
7	Alkalies (as Na ₂ O)	% by mass	3.20
8	Chloride (as Cl)	% by mass	0.048
9	Loss on ignition (as LOI)	% by mass	0.055
10	Cadmium	mg/kg	0.17
11	Chromium	mg/kg	15.2
12	Arsenic	mg/kg	0.97
13	Mercury	mg/kg	0.052
14	Selenium	mg/kg	Nil
15	Cyanide	mg/kg	Nil
16	Cobalt	mg/kg	10.7
17	Copper	mg/kg	21.1
18	Lead	mg/kg	15.7
19	Molybdenum	mg/kg	Nil
20	Nickel	mg/kg	18.8
21	Tin	mg/kg	Nil

For Enviro Analysts & Engineers Pvt. Ltd.

A TO

Authorized Signatory

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Page 2 of 2

Date: 8.07.2021

ENV/SWT/2021-22/029 /1

ISSUED TO:

M/s ADANI POWER MAHARASHTRA LIMITED

Plot no. - A1, Tirora Growth Center, MIDC, Tirora,

Dist.: Gondia, Maharashtra – 441 911. India

Sample Particulars: Pond Ash Sample

Sample Registration Date : 28.06.2021 Analysis Starting Date : 30.06.2021

Quantity received : 2 kg Analysis Completion Date : 8.07.2021

Sample Type: : Solid Waste Sampled by : EAEPL Representative

TEST RESULTS

Sr. No.	Test Parameters	Measurement Unit	Results
22	Barium	mg/kg	210
23	Calcium	mg/kg	121340
24	Iron	mg/kg	33412.2
25	Zinc	mg/kg	56.3
26	Aluminium	mg/kg	114793.0
27	Manganese	mg/kg	98.6
28	Antimony	mg/kg	Nil
29	Beryllium	mg/kg	Nil

Note: 1. Results relate to tested sample only.

2. Test report should not be reproduced partially.

REMARKS: Based upon request of party sample was tested for above mentioned parameters only.

For Enviro Analysts & Engineers Pvt. Ltd.

Andharina d Simurtan

Authorized Signatory







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Page 1 of 2

Date: 8.07.2021

ENV/SWT/2021-22/029/2

ISSUED TO:

M/s ADANI POWER MAHARASHTRA LIMITED

Plot no. - A1, Tirora Growth Center, MIDC, Tirora,

Dist.: Gondia, Maharashtra – 441 911. India

Sample Particulars: Bottom Ash Sample

Sample Registration Date : 28.06.2021 Analysis Starting Date : 30.06.2021

Quantity received : 2 kg Analysis Completion Date : 8.07.2021

Sample Type: : Solid Waste Sampled by : EAEPL Representative

TEST RESULTS

Sr. No.	Test Parameters	Measurement Unit	Results
1	Alumina (as Al ₂ O ₃)	% by mass	20.14
2	Iron Oxide (as Fe ₂ O ₃)	% by mass	5.17
3	Silica (as SiO ₂)	% by mass	49.05
4	Reactive Silica	% by mass	0.013
5	Magnesium Oxide (as MgO)	% by mass	1.61
6	Sulphur Trioxide (as SO ₃)	% by mass	0.069
7	Alkalies (as Na ₂ O)	% by mass	2.74
8	Chloride (as Cl)	% by mass	0.051
9	Loss on ignition (as LOI)	% by mass	0.006
10	Cadmium	mg/kg	0.11
11	Chromium	mg/kg	15.3
12	Arsenic	mg/kg	0.31
13	Mercury	mg/kg	0.03
14	Selenium	mg/kg	Nil
15	Cyanide	mg/kg	Nil
16	Cobalt	mg/kg	11.02
17	Copper	mg/kg	18.7
18	Lead	mg/kg	16.6
19	Molybdenum	mg/kg	Nil
20	Nickel	mg/kg	19.3
21	Tin	mg/kg	Nil

For Enviro Analysts & Engineers Pvt. Ltd.

Authorized Signatory

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Page 2 of 2

Date: 8.07.2021

ENV/SWT/2021-22/029/2

ISSUED TO:

M/s ADANI POWER MAHARASHTRA LIMITED

Plot no. - A1, Tirora Growth Center, MIDC, Tirora,

Dist.: Gondia, Maharashtra – 441 911. India

Sample Particulars: Bottom Ash Sample

Sample Registration Date : 28.06.2021 Analysis Starting Date : 30.06.2021

Quantity received : 2 kg Analysis Completion Date : 8.07.2021

Sample Type: : Solid Waste Sampled by : EAEPL Representative

TEST RESULTS

Sr. No.	Test Parameters	Measurement Unit	Results
22	Barium	mg/kg	286
23	Calcium	mg/kg	127612
24	Iron	mg/kg	36138.3
25	Zinc	mg/kg	59.7
26	Aluminium	mg/kg	106540.6
27	Manganese	mg/kg	104.8
28	Antimony	mg/kg	Nil
29	Beryllium	mg/kg	Nil

Note: 1. Results relate to tested sample only.

2. Test report should not be reproduced partially.

REMARKS: Based upon request of party sample was tested for above mentioned parameters only.

For Enviro Analysts & Engineers Pvt. Ltd.

Authorized Signatory



ADANI POWER MAHARSHTRA LIMITED, TIRORA

GREEN BELT & PLANTATION DETAILS

Total Area Covered: 258 HA Tree Planted: 513367 Nos.

Shrubs Planted: 59884 Sq. Meter **Green Carpet**: 3, 22,194 Sq. Meter

Plant & Shrubs Species used for Green Belt Development

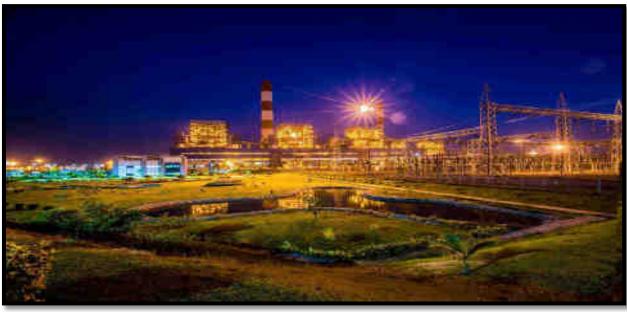
Shrubs	Tree Species
Bogunvellia	Psidium guavajava (Amarud)
Rose	Punica granatum (Anar)
Furcaria	Manilkara zapota (Chikoo)
Cassia biflora	Phyllanthus emblica (Aonla)
Lagerstromia indica	Tamarindus indica (Imali)
Shrubs	Mangifera indica (Mango)
Flower Beds.	Lemon
Lawn	Carissa carandas
Exora Tall	Bottle Brush
Golden Ficus	Casuarina
Ficus panda	Samania saman
Group plants	Ficus religeosa
Nerium Bell (Yellow Ghanti Kanher)	Casia siamia
Hibiscus	Bauhinia purpuria
Musanda	Ficus bengalensis
Nolino	Delonix regia
Furcaria	Azadiracta Indica
Junifer	Spathodia
Ficus Golden	Peltaphorum
Ficus blackiana	Delonix regia
Headge	Acacia auriculiformis
	Jackranda
	Peltaphorum
	Neolamarckia cadamba
	Palms (Coconut, Fistal palm, Royal Palm, etc.)
	Ficus Golden
	Rain Tree
	Mimusops elengii
	Cassia fistula
	Tectona grandis (Teak)
	Wad (Bargad)
	Peepal
	Neem
	Bamboo
	Satparni
	Gulmohar

ADANI POWER MAHARSHTRA LIMITED, TIRORA

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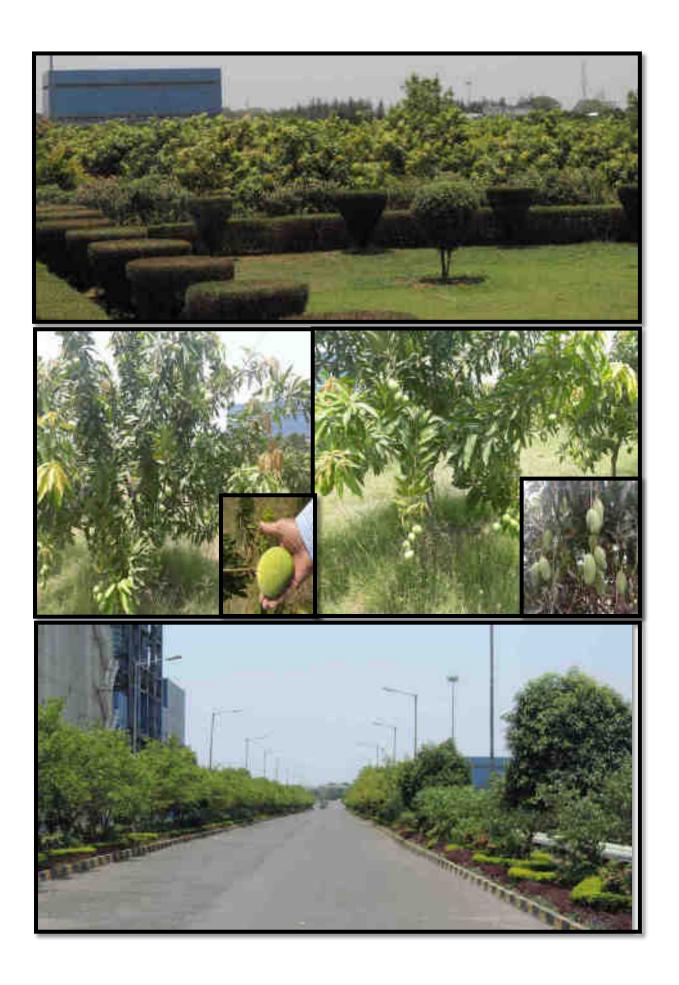




























































































Adani Foundation

CSR TIRODA

Six monthly report

(APR-SEP)

FY- 2021-22

1. Fight against COVID-19

Installation of Liquid Oxygen Storage Tank (13KL Capacity) at GMCH, Gondia-

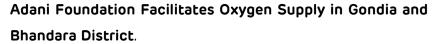
Adani Foundation has supported district administration by providing 13KL liquid oxygen storage tank at Government Medical Collage Hospital (KTS), Gondia. It is serving the need of oxygen for COVID-19 patients. Capacity of the tank is 1000-1200 oxygen cylinder refilling per day. This timely support serving the need of oxygen of COVID-19 patients in Gondia District.

APML Employee Volunteers supported for installation of Oxygen Tank, in which Mechanical and Maintenance Department, Techno-commercial Dept., Electrical Dept, O&M Dept, CSR, Quality Control, and corporate Affairs Dept. are supported constantly.

Provided 35 Seater Bus Service- Through business CSR 35 seater bus service for COVID-19 patients in nearby villages.

Provided technical support to run Oxygen Plant in MIDC Gondia- In COVID-19 pandemic while demand of oxygen is on the rise and shortage of technically skilled manpower APML has provided technically skilled manpower for the private

oxygen plant in MIDC Gondia. Therefore the plant is able to run 24*7 in full capacity.



After installation of 13 KL liquid oxygen storage tank at KTS Government Hospital Gondia, the Bhandara district administration also requested for 13KL Liquid Storage Tank for which AF readily agreed.

AF also handed over 50 Jumbo Oxygen cylinders each to District administration Gondia and Bhandara.





Special Activity

1. Birthday Celebration- Respected Dr. Priti Adani Ma'am

Celebrated Our Beloved Chairperson Respected Dr. Priti G. Adani Ma'am birthday on 29th Aug,2021. On this occasion the 18 tribal students of Government Secondary & Higher Secondary Ashram School, Majitpur has created the role Play Biography video on respected Dr. Priti Adani Ma'am. Students successfully played the Ma'am biography with an efforts of school teachers, principle and

students under the Adani Team guidance. The participated students and teachers efforts







appreciated by respected Dr. Priti

Ma'am. AF team facilitated the participated students & teachers with the guidance of respected Ms. Ratna Biswas Station Head Ma'am, Ms. Madhavi Shiralkar Ma'am.

2. Birthday Celebration- Respected Shri. Gautam Adani

Adani Foundation has celebrated Respected Shri. Gautam Adani birthday on 24th Jun, 2021, and gave our wishes by organizing tree plantation and food kit distribution activity.

Distributed 159 Ration Kit to Navegaon-Nagzira Tiger Reserves' (NNTR) tourist guides and Gypsy Drivers, as

the Covid-19 situation affected the Tourism Business and livelihood of them. (Ration Kit contained 10kg Rice, 10kg-Wheat, 5kg-Tur Daal, 3 liter-Edible oil.) Tree plantation drive conducted at various Z.P. Schools with support of APML employee volunteers.





3. Celebration- Adani Foundation Day :- AF team celebrated 25th Foundation Day of Adani Foundation on 11th Aug,2021 along with APML- station, HODs, Adani Vidyalaya teachers. On this occasion the 10 years of service Award and certificate also facilitated to our 3- AF employees.







4. World Environment Day Celebration-

To spread awareness about ecosystem and resetting relations with nature Adani Foundation has celebrated World Environment Day-2021 on 5th June,2021 with the theme "Ecosystem Restoration". To restored ecosystem AF planted





about 100 trees at Z.P. School, Mohlli with the community participation.

5. International Yoga Day Celebration

Adani Foundation celebrated International Yoga Day on 21st June,2021 on the theme 'Yoga for wellness' on Pre-Police Training Ground at Khairbodi with AF's Pre-Police training students as well as AF employees. Yoga trainer cum employee volunteer Mr. Abani Panigrahi





has conducted the Yoga session, total 70 students were present and taken an oath of practicing Yoga regularly.

I- Education

1. Navodaya Coaching Classes-

Navodaya Coaching Classes started to nurture talent from rural area and support talented students from deprived families to get into Navodaya School. AF has opened special coaching classes for these students in Government school. In COVID 19 Lockdown period, all schools and classes are closed, but to



utilize students' time through effective way of learning, AF initiated take online Navodaya



Coaching classes for enrolled students. Accordingly, the online classes have been started at Gumadhavda and Birsi centers for 2021-22 batch. This FY 2021 - 22 total 36 students enrolled at 2 centers Birsi- 26, Gumadhawada-10. Daily 2 hours of online classes are conducted on Google meet application, Students are actively learning through online classes. Additionally teacher has also started doing one to one interaction with students & solving students' queries by

maintaining social distancing.

2. Pre- Training of Youths for Army and Police services-

Pre-Training of Youths for Army and Police services started with an objective to transform young candidates into academically proficient, physically fit, mentally strong individuals bursting with energy and confidence and ready to face any challenge in life. AF conducted total 3 months training association with police department. Three months Pre-police training has benefitting the youths to appear in



the Police and army services examination. Looking at previous positive results of trained



youths, aspiring village youths are requested AF to start the online classes in this COVID-19 lockdown period. Thus, as per the request of youth, AF started online pre-police training classes with the support of Police Department. Total 200 students are attending the online training classes through online platform, conducted daily 2 hours of Theory classes.

The respective resource person teaching the exam syllabus online and conducts weekly online tests for the students.

Scholarship Distribution Program- Started form Application forms collection from 10th Pass out meritorious students.

II- Community Health

1. Mobile Health Care Unit (MHCU)

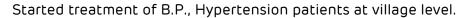


Providing quality healthcare service at the doorstep of villages. Two MHCUs are operational – with partnership of Helpage India Organization. In COVID-19 pandemic situation 2 MHCUs are working for medical emergency which is transporting Corona Patients from villages to the treatment facilities- Hospital.

In COVID-19 pandemic situation, on the behalf of Sub-District Hospital-Tiroda, One MHCU van working as an Ambulance 24*7 to transport COVID patients and suspected patients from villages to the COVID treatment Centre and District Hospital.

Covid-19 Vaccination drive for APML Employees- Our MHCU team is working with Primary Health Centres (PHC) for COVID-19 vaccination work. The vaccination camp organised at PHCs of Kachewani, Ekodi, Sukadi, Indora, and Khairbodi.

The General category and Cardio vascular & life style disease patients were found more as compared to other diseases.



General Medical Health Camps- Organized 12 General Medical Health camps in 12 villages- Murdala, Boratola, Bibitola, Sukali, Mahalgaon, Gangazari, Malhi, Sawarra, Koilari, Bhagoli Gondmohadi & Kindgipar total 1473 beneficiaries (Male- 675, Female- 798) have attended the camp.

Awareness on Health and Hygine- Awareness campagain on health and hygine was conducted in 6 villages Bibitola, Sukali, Mahalgaon, Gangazari, Belati and Belati Kh, total 244 (M-109 & F-135) patients were present in the awareness programme.

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Regular OPD- MHCU completed 717 visits in villages & consulted total 13343 patients (6393-Male and 6950 -Female).

ECG Check-ups- Completed total 44 patients ECG check-ups.



III- Sustainable Livelihood Development

1. Organic System Rice Intensification (SRI) – This year, to demonstrate implementation of 100% SRI principles we have developed SRI demonstration plots aiming to get maximum yield (more than 30qtl. /acre). However, deployed FPC as a SRI implementing agency under the guidance & support of AF and Agriculture department. Selected 100 progressive farmers from villages. With the start of monsoon, SRI paddy farming process had started in full swing. Now SRI paddy are



at the seed bearing stage and Harvesting will start in month of Nov-20.

- ➤ AF distributed 4 kg hybrid seeds of Bayer 6444 variety per farmers.
- Completed 120 farmers farmland soil testing and reporting given by Center for Agricultural Sciences, Gondia.
- ➤ Before the onset of monsoon all 100 selected SRI farmers have completed summer land preparation work and Farm Yard Manure (FYM) spreading.
- ➤ AF distributed Dhencha Green Manure Seeds, Arize 6444 paddy seeds and Trichoderma and Azospirilium bio-fertilizers for seed treatment to 100 farmers.
- > By continuous monitoring farmers are maintaining water level after paddy transplantation.
- > To control pesticides Spraying of Dashparni arc, Jivamrut & Aangiastra as per the need.
- Prepared 600 liters of Panchagavya and selling to other 90 farmers at Rs. 55/liter. 3liter/acre panchgavya required in each round of spraying, all farmers completed 2nd round of Panchagavya spraying.
- ➤ NEB- Solution Soracid green FZ liquid has been spread in 12 demo plots by 12 farmers.









2. Milk Collection and Chilling Centre (MC&CC)-

Adani Foundation is supporting Tiroda Farmers Producer Company (TFPCL) for dairy development. Anuradha dairy operating **three Milk Collection and Chilling Centres** at Jamuniya/Berdipar, Chikhali & Kawalewada and initially **16 milk collection centres** in other villages.



For sustainability of the dairy business and providing fair price for produced milk we have collaborated with **Amul in**May 2021. Farmers are getting average





additional benefit of Rs. 4 to 10/ltr.

Total milk collection is **264144 Ltr** and **Rs. 1,02,21,603/- turnover** of Anuradha dairy till Sep 2021.

3. Animal Husbandry related Initiatives -

The objective is to develop livelihood of the farmers through breed improvement program. Two livestock development centers (LDC) are established in Khairbodi and Kawalewada which covered 26 villages. The LDCs are providing the services like Artificial Insemination (AI), Sorted Semen Sex (SSS) AI, and Pregnancy Diagnose (PD) as well as cattle health checkup camps.

Sr No	Activity	Apr-Sep 2021-22	Cumulative 2017-21		
1	AI	522	4826		
2	AI (Sorted Sex semen)	562	1555		
3	PD	379	3623		
4	PD (Sorted Sex semen)	422	866		
5	Fodder seeds	0	928		
6	Meeting	0	26		
7	Training	0	29		
8	Cattle Health Check-up Camps	0	35		
9	Calving	235	1608		
10	SSS Calving	112	220		



Fodder Crop Plantation-

Completed the plantation of Hybrid Nepier crop by 33 farmers.



4. Income generation activities

4.1 Lac Bangles Making - Adani Foundation Supporting 45 SHG women for Lac Bangle Making. Women are making new designs of lac Kada and Bangles. Lac Bangle making



Programme are ongoing through Buy back. We have completed the registration process of "Aadhirakshi" brand of women farmer Producer Company on amazon.in, and selling is ongoing. Women are making it on demand by women from nearby villages. New designed 'Veni Bangles, Stone and Multicolor Bangles are making on demand by women from nearby villages.

4.2 Agarbatti Production- The objectives of program was Capacity building and economic development of women self-help groups. 20 Agarbatti Machines have been distributed in 6 villages (Garada, Ramatola, Tikaramtola, Mendipur, Gumadhawada, & Tiroda). AF also gave training on operation of machines. As a result total 60 women are making Agarbatti very skillfully. In COVID-19 lockdown period the Agarbatti Production has been increasing, beneficiaries are spending more time on producing Agarbatti and earning income from home only. In six months 31143 Kg total Agarbatti Produced and sold in a rate of Rs. Rs. 16,46,126/-



4.3 Mushroom Cultivation: -

• Won Plan India Impact Award- Adani Foundation supported and Nominated oyster

mushroom cultivator SHG- Kalyani Women Self Help Group, Berdipar Village Has won 2nd Position in "Plan India Impact Award-2021 under SHG category"

Oyster Mushroom spawn making process has been started at Mushroom Spawn Unit & started to supply spawn in nearby villages SHG's and other beneficiaries. Oyster Mushroom spawn making process has been started at Mushroom Spawn Unit & started to supply spawn in nearby villages SHG's and other beneficiaries. The beneficiaries have started the Mushroom bed making process with the start of winter. This year Mushroom cultivation is on expansion, with the collaboration of Mahila Aarthik Vikas Mahamandal (MAVIM), AF is giving Mushroom Cultivation training to women at Tiroda block. AF facilitated detail training on theoretical concept and practical demonstration of Oyster Mushroom Cultivation.



- With the collaboration of Mahila Aarthik Vikas Mahamandal (MAVIM), AF Completed Mushroom practical demonstration in 9 villages
- With the start of winter Mushroom beds cultivation started in villages, cultivated 234 beds by new & old women SHG members in 20 villages of Tiroda block.



4.4 Vegetable Cart –

- Enhancement in livelihood of women SHG members.
- Promotion of organic food for better health.
- To ensure availability of fresh organic vegetable for local community.
- 3 women are handling the Cart and keeping fresh seasonal vegetables & fruits from of the village Kitchen gardens.
- The Vegetable cart is getting tremendous response from the Township Residences.
- Though selling daily women are earning profit of Rs.400-500 /day



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Media Coverage

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Adani Foundation facilitates exygen supply in Bhandara and Gondia districts



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लोकसत

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स्थिताता स्थान के प्राचनी पूर्व स्थान । आसमें पूर्व से स्थानी पूर्व संपूर्व स्थानमें विश्वन स्थानमानी कर्नाय परिचार के स्थान संपूर्व क्या विश्वन स्थानक संपानाती प्राचन स्थानिक अधिकारी हर्मायने स्थान पुरानिक अधिकारी हर्मायने स्थान विश्वन स्थान असी स्थानिक वृत्वनिकारिक प्रतिवेद्य अधिकारी विश्वन प्राचनिकारिक प्रतिवेद्य अधिकारी विश्वन प्राचनिकारिक प्रतिवेद्य

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Adani Foundation's pre-recruitment training helping youths in Gondia



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TO THE PARTY

ASDC Tiroda Training and Placement Details													
S. N.	FY Year	Trade	Candidates Training							Drop Out	Total	Total	
			ST	sc	Minority	ОВС	Gen	Male	Female	Total	Candidates	Trained	Placement
1	2017-18	Welding Technician	125	0	0	0	0	125	0	125	2	123	117
2	2017-18	Assistant Electrician	116	0	0	0	0	116	0	116	5	111	95
3	2018-19	Welding Technician	30	18	2	0	0	50	0	50	5	45	45
4	2018-19	Assistant Electrician	11	14	5	0	0	30	0	30	2	28	26
5	2019-20	Welding Technician	45	25	0	59	4	133	0	133	11	122	112
6	2019-20	Assistant Electrician	30	28	0	65	9	132	0	132	10	122	114
7	2019-20	General Duty Assistant	36	27	0	27	15	0	105	105	2	103	88
8	2020-21	Welding Technician	11	13	0	42	0	66	0	66	0	66	63
9	2020-21	Assistant Electrician	13	21	0	75	5	114	0	114	0	114	105
10	2020-21	Domestic Data Entry Op.	1	1	0	20	0	16	6	22	0	22	22
11	2021-22	Assistant Electrician	2	1	0	30	1	34	0	34	0	34	32
12	2021-22	Welding Technician	1	2	0	3	0	6	0	6	0	6	6
13	2021-22	Domestic Data Entry Op.	2	2	0	11	0	3	12	15	0	15	12
14	2021-22	Fitter: Mechanical Asse.	2	2	0	12	4	20	0	20	0	20	20
	Total			154	7	344	38	845	123	968	37	931	857

Digital Literacy Out-reach Training Program Total 256 Trained FY 2018-19
Digital Literacy Out-reach Training Program Total 1334 Trained FY 2019-20
Digital Literacy and other course Online Training Program Total 573 Trained FY 2020-21
Digital Literacy and other course Online Training Program Total 108 Trained FY 2021-22
Digital Literacy and other course Training Program Total 2271 Trained Till Date

BIODIVERSITY CONSERVATION AT APML TIRODA



Indian Paradise (Flycatcher)



Red Dwarf Honeybee



Squirting Caterpillar



White – naped woodpecker



Ferruginous Hawk



Black – naped oriole



Painted francolin



Eurasian Golden Oriole



Giant African Snail



White throated kingfisher



Black Giant Squirrel

ASH UTILIZATION EFFORTS TO ACHEICE 100 % ASH UTILIZATION

- ➤ We have made long agreements with various cement manufacturers such as Ultratech Cement, ACC Cement, Ambuja Cement, Dalamia Cement, Birla Corporation and Shree Cement and providing ash as per their requirement.
- Agreement has been done with Birla Corporation limited for lifting of fly ash to BTAP Wagon.
- Jumbo Bag loading successfully done, through BOST Wagon. (2 Jumbo Bag Racks has been dispatched for cement manufacturing).
- We are providing fly ash to fly ash brick manufacturers (more than 150 nos.) and also in construction activities.
- ➤ We are also supplying Bottom Ash more than 145 nos. red brick manufactures for "Use of Bottom Ash in production of Red Brick"
- > Bottom ash has been provided to in fly ash bricks manufactures for replacement of sand.
- ➤ We are providing ash to road & embankment projects. Presently, we have made agreement and supplying ash to various Road Project like Barbik Road Project, Atcon Raod Project, JMC Road Project Limited and HG Infra. Providing Ash to ROB Tumsar, Maharashtra
- ➤ We have also successfully demonstrated use of Ash in Agriculture with engagement of AMPRI – Bhopal (CSIR – GOI). We are provide ash to nearby progressive farmers
- ➤ We have also conducted feasibility study from CFRI Dhanbad for Ash Stowing of Underground Mines of MOIL. We are providing Bottom Ash to MOIL, Balaghat for mine stowing.
- > CSIR NEERI, Nagpur engaged for carry out hydrogeological & fly ash leachability study around the ash dyke area and Land Reclamation sites.

Way Forward for maximize Ash Utilization

- ➤ We have engaged Tropical Forest Research Institute (TFRI) Jabalpur for "Implementable Forestry Research for Ash Utilization promotion and development of Research Park" at APML.
- Planning for disposal of ash in WCL coal mines.
- ➤ We are in discussion with VNIT Nagpur to explore feasibility to extract M-Sand from Ash.
- ➤ Discussion with CSIR AMPRI Bhopal for Fly ash based Geo polymer Concrete road for bulk utilization of ash.
- Production of fly ash based concrete blocks under the guidance of M/s. MASA, Germany in under discussion.
- ➤ Discussion with M/s. Builtech, India for Fly ash based Aerated autoclaved concrete block.
- M/s CeEntek, Singapore also interested to set up plant for Fly ash based Ultra high performance concrete at APML, Tiroda.

Interim Report-II

Providing services for carrying out review of hydrogeological conditions for 5x660 MW thermal power plant, Tiroda, Dist-Gondia, Maharashtra

(Hydrogeology Component)

Submitted to M/s. Adani Power Maharashtra Limited (APML), Tiroda, Gondia District (Maharashtra)





CSIR-National Environmental Engineering Research Institute Under Council of Scientific & Industrial Research Nehru Marg, Nagpur – 440 020



Chapter 1 Introduction

1.1 Preamble

Adani Power Maharashtra Limited (APML) is operating 3300 MW (5 X 660 MW) coal based thermal power plant at Tiroda, Dist – Gondia, Maharashtra. The 1st unit of the plant was operational in September 2012. The other units were added subsequently in 2013 and 2014. The plant is having ash lagoons (3 nos) having Low-density polyethylene (LDPE) liners for disposal. The ash dyke area is spread over approximately 156 hectares. The total ash generation during 2017-19 is about 1,27,10,910 metric ton, in that, the fly ash is about 1,01,68,727 metric ton and bottom ash is about 25,42,181 metric ton (Table-1.1).

Table 1.1: Ash Generation (MT-Metric Ton)

Year	Fly Ash	Bottom Ash	Total Ash
2017-18	28,25,523	7,06,380	35,31,904
2018-19	34,91,049	8,72,762	43,63,812
2019-20	38,52,155	9,63,039	48,15,194
Total	1,01,68,727	25,42,181	1,27,10,910

(Source: APML)

As far as the reuse of fly ash is concerned (Table-1.2), part of the generated ash is sent for brick making in the plant itself and is also sent to other place for making of bricks. In addition, fly ash is being used for land reclamation in the villages surrounding the APML plant. The activities including the land reclamation of low-lying areas by ash backfilling, road & bridge construction, rising of ash dyke bunds and cement manufacturing being carried out in the buffer zone of the plant area. In general 80 to 90% of generated ash being utilized for various mentioned activities (Table-1.3). The back filling at the low-lying areas is being pursued to comply with the fly ash notification, 2009 (As Amended in 2016) of the MoEF& CC of the Government of India.

Table 1.2: Ash Utilization (MT-Metric Ton)

Year	Bricks & ash-	Land filling	Other
	based products	purpose	purpose
2017-18	55,435	2,71,090	25,33,183
2018-19	57,725	5,33,112	30,94,301
2019-20	76,614	20,36,334	22,62,547

(Source: APML)

Table 1.3: Total ash Utilization per year (MT-Metric Ton)

Year	Total ash utilization	Ash utilization percentage
2017-18	28,59,707	81.00
2018-19	36,85,139	84.40
2019-20	43,75,495	90.87

(Source: APML)

CSIR-NEERI was assigned the task of assessing the impact of ash fill sites of Adani Power Maharashtra Limited (APML) on the water resources in the surrounding area of Tiroda village. The study was completed in 2019. Subsequently, M/S Adani desired CSIR-NEERI to provide services for review of the hydrogeological study vide Service order No.5700267218. Previously, the Hydrogeological study was carried out in 2011 by APML while seeking EC from the MoEF.

The present hydrogeological study seeks to study the groundwater scenario with respect to the pre-project scenario. The review will be done with reference to the overall groundwater level in the buffer area, the yield of the wells and the Groundwater Stage Development. A network of observation wells was set up in the study area for this purpose. The present review activity was initiated in April 2019 for three complete hydrological cycles. Initially four seasons data was corrected so far i.e. Pre'2019 and Post'2019,Post'2020 and Pre'2021. The data could not be collected in pre-monsoon'2020 period due to the existing Corona Pandemic situation.

1.2 Scope of work

- The study will cover the 35 km buffer zone as well as the core zone surrounding the ash ponds of APML plant. The study will cover the pre-monsoon as well as post-monsoon season in three complete hydrological cycles and compare year-wise hydrogeological trend with base line data.
- Monitoring of ground water levels and deciphering its flow direction and quantity.
- Physiochemical analysis of groundwater quality as per BIS 10500:2012 in pre and post monsoon seasons.

- Heavy Metal analysis (As, B, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Se, Zn, Hg, Co, Mo) for ground water samples collected around the study area.
- Identify & select key observation wells and monitor the concentration of trace elements like Pb, Hg and As during the study period.
- Groundwater stage development estimation as per the norms of GEC-2015 in the proposed project area.
- Formulate the conceptual model to understand the hydrological setting.
- Submit the recommendation along with groundwater management plan based on the findings of the report.
- Submit the progress report after completion of individual hydrological cycle (post monsoon each year).

1.3 Approach of the study

A kick off meeting was arranged at the APML on 12th June, 2019 wherein presentation of the project was made before the senior management of the APML. Subsequently, discussions were held in the Environmental section wherein planning for the field activities were discussed. A reconnaissance visit took place wherein the ash disposal at the low-lying areas in the 35 km buffer was covered.

The observation well network and low-lying areas for back filling by ash were identified during the reconnaissance visit and followed by the pre-monsoon sampling.

1.4 Report layout

Chapter 2 presents the study area details

<u>Chapter 3</u> presents the methodology of data collection

<u>Chapter 4</u> presents the water quality data and groundwater level data generated and analysed on the basis of sampling carried out during 2019, 2020 and 2021.

<u>Chapter 5</u> presents the findings of the study carried out during pre and post monsoon period of 2019, post monsoon period of 2020 and pre monsoon period of 2021 and future activities planned for the period 2021-22.

Chapter 2
Study Area

2.1 Location

The Adani Power Maharashtra Limited (APML) lies in the study area between latitudes 21° 05' 34" N to 21° 43' 57" N and longitudes 79° 37' 36" E and 80° 18' 51" E. The plant is covered by the survey of India toposheet No 55 O/15 (scale: 1:50,000). The 35 km buffer zone around the plant is covered by Survey of India Toposheet (55 O/10, 55 O/11, 55 O/12, 55 O/14, 55 O/15, 55 O/16, 64 C/2, 64 C/3, 64 C/4, 64 C/6, 64 C/7, on 1:50,000 scale. (Source: http://soinakshe.uk.gov.in/). The study area is located in Tiroda village in Gondia District of Maharashtra.

2.2 Climate

The study area experiences tropical monsoon climate with mild winter and hot summer. Rainfall in this region usually starts with the onset of monsoon by the middle of June. The southwest monsoon arrives over the district around the second week of week of June. The rainfall increases from west to east of Tiroda Tehsil. The annual average rainfall in Tiroda is about 1322 mm is observed (Table 2.1).

Table 2.1: The rainfall (mm) distribution in the study area (2012-19)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total rainfall (mm)
.32012	3.5	7	0	8.5	1.5	101	389.3	342.4	192.5	1	25.5	0	1072.2
2013	7	27	6.5	51	0	284	737.8	508.7	71	94	0	0	1787
2014	0	61.5	26.5	52.5	27	88	699.4	193.2	129	45.8	0	0.2	1323.1
2015	2	17.5	170.5	26.5	10	300.5	255.5	407.6	208.8	0	0	0	1398.9
2016	0	10	25.5	10.5	37.5	96.0	454.5	410.0	162.0	29.0	0	0	1235
2017	0	0.0	9.5	0.0	28.5	143.5	259.0	333	85.5	28	0	0	887
2018	0.0	18.8	0.0	18.5	7.5	146.2	615	370.4	111.5	0	0	1.5	1289
2019	11.5	0	24.5	0	0	203.5	290.9	551.6	417.9	52.2	0	26.4	1579

(Source: Adani Power Maharashtra Limited)

The average monthly maximum temperature recorded is 42.1°C in the month of May while the lowest average monthly temperature recorded is 13.1°C in the month of December. The study area has the hottest month during May when daily maximum temperature rises above 42.5°C

and the heat is intense. December is the coldest month. During cold waves which affect the district in association with the passage of western disturbances across north India, the minimum temperature at times goes down to 7°C.

Except during the monsoon season when humidity is high, the air is generally dry during the year. The summer season is the driest part of the year when relative humidity goes down to 20% or less in the afternoon.

2.3 Topography

The study area is located in the extreme north-eastern district (Gondia) of Maharashtra. The land in this part is partly undulating at higher elevation (more than 300 m on land away from river) while it becomes more or less flat near the river. The proposed site lies on the Wainganga plains. The general elevation of the study area ranges from 301.11 m to 338.4 m. The area has rocky outcrops of granites and gneisses.

2.4 Geology

Geologically the area essentially belongs to the Archeans sediments preserved in the synclinal depressions of the landscape and is highly metamorphosed. The proposed plant site area is basically marked by the rock formations from the oldest granite and gneiss of pre-cambrian to recent alluvium. The gneisses comprise of biotite, hornblende gneiss and magnetite. The Biotite gneiss is composite in character and forms the basement for younger metamorphoses sedimentary rocks. Two types of series of rocks viz. Sausar series and Sakoli formations are found in the region.

In Tirora region, especially the study area belongs to the Sausar series. LithologicallySausar series consist of talc granulites, mica and hornblende schist, gneiss rocks of the Sausar group contain and biotite but not chlorite. Manganese deposits are associated with rocks of this group. The rocks comprise of low grade metamorphoses such as phyllites, chlorites, muscovite and hornblende schist, quartzite, kyanite and sillimanite rocks. These are intruded by basic rocks and quartz veins. Along the bank of the river Wainganga alluvial cover varying from a few meters to 15 m thick has been observed.

Geologically, the study area is mainly covered by Granite Gneiss/ Migmatite, Meta Basalt, Granite Gneiss Migmatite (Figure–2.1). In addition, the rock types namely Biotite schist, Muscovite Schist, Tonalite-Trondhjemite-Granite/ Granodiorite, Granite, Laterite, Meta Gabbro, Meta Arkose, KyaniteSillimanite Cordierite Schist, BIF, Meta Rhyolite/ Tuff, Quartz Mica Schist, Schist, Calc Gneiss, Calc Silicate rock, Phyllite, Basalt, Foliated Granite, Amphibolite, Ultramafic rock, Chert, Quartz vein, Quartzite, Tourmaline, Meta Ultramafic, Quartz Vein, Andalusite Mica Schist, Marble, Mica Schist are existed in minor quantity.

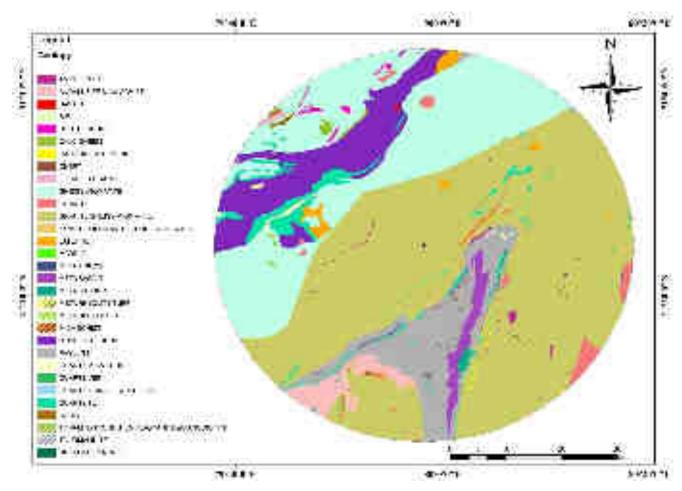


Figure 2.1:Geology map of the study area

(Source: https://bhukosh.gsi.gov.in/Bhukosh/Public)

2.5 Hydrogeology

The study area, covering Tirora and Gondiatalukas of Gondia district, is occupied by the crystalline rocks of Pre-Cambrian formations i.e., Granite Gneisses and Dharwars (Sausar and Sakoli group). The Pre-Cambrian crystalline rocks are the major water bearing formations in

the study area. The weathered portions of crystalline rocks together with joints and fracture zones act as good aquifers (CGWB, 2013). Ground water occurs under water table conditions in the weathered mantle and then the fractured, well-jointed and sheared zones. Dug wells, dug cum bore wells and bore wells are the common ground water abstraction structures in the study area. Ground water occurs under water table conditions and semi-confined conditions in these formations. Water table conditions prevail in the weathered mantle and the fractures, jointed and sheared zones (CGWB, 2013).

Chapter 3 Methodology of data collection

3.1 General

The study envisages the following tasks

- > Setting up observation well network
- > Hydrochemistry of the observation well network
- > Groundwater level monitoring

Accordingly, primary data has been generated by undertaking extensive field survey in the month of December 2020 (post-monsoon season) and June 2021 (pre monsoon season). Due to existing corona pandemic situations, it was not possible to collect the pre-monsoon 2020 field data. Secondary data has been collected through interaction with Adani Power Maharashtra Limited (APML) officials and the local villagers in and around the study area.

3.2. Groundwater Sampling

The study area has been delineated on the basis of 35 km buffer zone (Figure 3.1) with the consideration of APML is core zone of the area which covers is about 3,846.5 sq. km. A network of observation wells (Table-3.1) was established in the study area during Post monsoon 2020 with including of new monitoring wells as per APML request and the coordinates (latitude/longitude) were noted with the help of hand-held GPS of Garmin make.

For physico-chemical parameters and heavy metal analysis, the samples were collected in precleaned 500 ml and 100 ml polyethylene bottles respectively. Concentrated HNO₃ was added to the heavy metal samples for preservation. Parameters namely, pH and temperature were measured in the field itself. The physico-chemical parameters were analyzed by following the standard protocols (APHA, 2012). The heavy metal analysis was done by using ICP-OES (Model iCAP 6300 DUO, Make: Thermo Scientific). The detection limit for Fe, Mn, Zn, Pb, Cd, Cr and Cu are 0.0003 mg/L, 0.018 mg/L, 0.0002 mg/L, 0.05 mg/L, 0.009 mg/L, 0.0006 mg/L and 0.0004 mg/L respectively. The parameters namely Na and K were analyzed by Flame Photometer (Model- CL361).

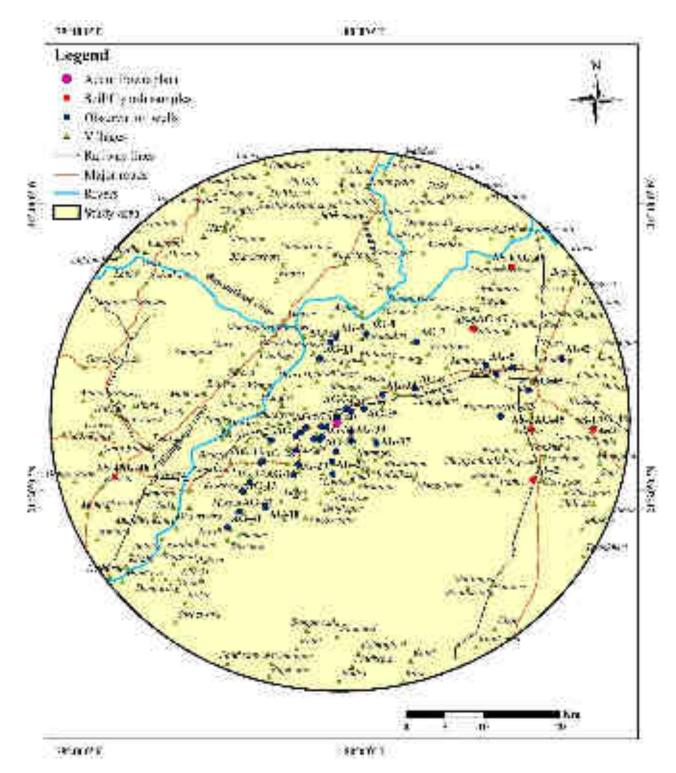


Figure 3.1: Base map of the study area

Table 3.1: Observation well network for groundwater monitoring in the study area

Sr. No	Code	Source	Latitude	Longitude	Location Description
1	AS-1	BW	N21°29'12.5"	E80°13'42.4"	Amboora On road, new dumping site, RHS of Gondiya to Barbaspur road
2	AG-2	DW	N21°29' 13.6"	E80°13'42.3"	Amboora – On road, new dumping site, LHS of Gondiya to Barbaspur road
3	AG-3	BW	N 21°28'35.6"	E80°10'18.2"	GondiyaKudava – On Gondiya to Bagartula road, LHS, besides flyash dumping site, Mr.Bansodbhai Patel farm house
4	AG-4	BW	N 21°28'06.7"	E80°09'09.2"	<u>Dagni</u> – On road, RHS, opposite fly ash dumping site, Mr. Ramesh BharatlalBisen Ag. farm
5	AG-5	BW	N 21°28'42.5"	E80°08'25.8"	Modipar – Opposite to fly ash dumping site, at Paramatma bricks manufacturing company (Mr.JayendraPatle)
6	AG-6	HP	N21°27'06.7"	E80°03'30.3"	Majitpur – At Govt. Middle & Higher Ashram School, fly ash landfill activity completed during 2017 in the Ashram premises.
7	AG-7	HP	N 21°30'22.7"	E80°03'34.5"	<u>Dawanwada</u> – Opposite to Primary Health Centre (PHC), close to ash filling site, in front of police station
8	AG-8	DW	N 21°30'56.1"	E80°00'3.8"	Gondmahadi – At Late LaxmanraoMankarAdiwasi Ashram School (Govt. aided Trust School)
9	AG-9	HP	N 21°30'41.5"	E79°57'56.2"	Paraswada – Opposite to land filling site, at ZillaParishat High School premises, RHS, on road, was filling activity during 2017.
10	AG-10	DW	N 21°30'20.4"	E79°57'30.8"	Bhagoli – on road, LHS, Tiroda – Indora road, Opposite to ZillaParishat Primary School, near to ash filling site, (during 2017 – 2019).
11	AG-11	DW	N 21°29'13.7"	E79°56'48.6"	Indora: Tiroda (Buzru) – On road, behind the primary school (In between Panchayat – school).
12	AG-12	DW	N 21°22'1.3"	E79°52'49.1"	Sarandi – LHS on Birsi to Mundikota road, at ash fill site, agricultural land, April 2019, Mr.NitinAgasey land
13	AG-13	DW	N 21°19'54.7"	E79°51'25.05"	<u>Keslawada</u> – Mr.RamachandKukude residence, opposite to ash fill site
14	AG-14	НР	N 21°20'31.3"	E79°51'54.3"	Baiywada — On road, LHS towards Keslawada road, besides panchayatbhawan, at the residence of Mr.PandurangYaswantaraoBawankar
15	AG-15	DW	N 21°18'46.1"	E79°52'59.9"	Silli – at Mr.KiranPatle site, Ag. land

	, ,			1	
16	AG-16	HP	N 21°21'48.4"	E79°55'17.2"	<u>Birsi</u> – LHS on Birsi to Adani road, end of the village
17	AG-17	DW	N 21°23'16"	E80°00'46.1"	Indora – situated near to ash fill site
					of Mr.KantilalPremlalBaghele
					poultry farm, agricultural fields
18	AG-18	HP	N 21°23'29.8"	E79°58'59.4"	Biwapur – on Tiroda to Indora road,
10	710 10	111	1, 21 23 25.0	277 30 37.1	LHS, corner point, besides village bus
					stop
19	AG-19	BW	N 21°22'42"	E79°57'54.8"	Chikli – Tiroda-Chilki, on Chikle to
17	710 17	Б , ,	1121 22 12	277 37 3 1.0	Tanegaon / Minda road, RHS, at
					Mr.AnandraoMudkkuPatle poultry
					farm
20	AG-20	HP	N 21°21'59.2"	E79°57'39"	Tanegaon – centre of the village,
20	AU-20	111	1 21 21 39.2	E19 31 39	besides bus stop and opposite to
					temple as well as junior science
2.1	4.0.21	DIII	NI 0100116 011	E20052141 511	college
21	AG-21	DW	N 21°21'6.9"	E79°57'41.5"	Menda – at Govt. Ashram School
					premesis, on road, RHS towards Birsi,
					2017 ash filling site
22	AG-22	DW	N 21°22'46.5"	E79°55'9.9"	<u>Birsi</u> – at Birsi to Adani road, at
					Mr.SantoshRaghavathe agricultural
					fields
23	AG-23	HP	N 21°24'0.6"	E79°55'27.8"	<u>Tiroda</u> – at Sukudinaka, LHS on
					road, corner point besides welding
					and automobile shop
24	AG-24	DW	N 21°23'34.4"	E79°56'22.3"	<u>Churdi</u> – at Mr.MohangyanChandani
					agricultural fields, ash filled during
					2016-17.
25	AG-25	HP	N 21°24'22.8"	E79°55'50.2"	<u>Tiroda</u> – opposite to Sahid Mishra
					School, at Sahid Mishra Square,
					Gandhi statue
26	AG-26	BW	N 21°23'44.9"	E79°55'7.7"	Lodhitola – at Meritorious public
					school, near Tiroda
27	AG-27	HP	N 21°23'30"	E79°53'25.5"	<u>Dhadri</u> – near panchayat office,
					MaaDurga temple, RHS, Dhadri to
					Umri road
28	AG-28	HP	N21°21'53.4"	E79°52'38.8"	Sarandi- on main road, RHS, in bus
20	110 20	111	1,21 21 33	277 52 30.0	stop premises, corner point at behind
					the bus shelter
29	AG-29	HP	N 21°21'2.5"	E79°54'57.5"	Bhupeswar – in front of
2)	AG-27	111	1 21 21 2.3	L// JT J/.J	anganwadicentre, near village
					overhead water tank
30	AG-30	DW	N 21°23'44.2"	E79°56'56.3"	
30	AU-30	DW	IN 21 23 44.2"	E/9 30 30.3	Khasighat (Tiroda) – at temple
					premises, on Tiroda-Churdi-Chikle road
2.1	A C 21	DW	NI 21022122 1"	E7005 (140 ("	
31	AG-31	DW	N 21°23'32.1"	E79°56'49.6"	<u>Garada</u> – entrance of the village,
					privte well at the residence of
22	40.22	110	NI 0100 7111 /**	E5005012 (0"	Mr.DevrajPardii
32	AG-32	HP	N 21°25'41.4"	E79°58'36.8"	Kachhvani - Adani to Gonida road,
					near railway crossing, LHS, on road
33	AG-33	HP	N 21°25'10.2"	E80°09'27.2"	Rapewada – centre of the village,
33	AU-33	111	18 21 23 10.2	LOU U9 2/.2	opposite to village library
					11
					(AdarshSarvajanikVachanalay)

34	AG-34	HP	N21°26'40.4"	E80°01'10.8"	<u>Ekodi</u> – at bus stop, near MaaDurga temple and primary health centre (PHC)
35	AG-35	HP	N 21°25'40.4"	E79°59'53.2"	<u>Barbaspura</u> – near gram panchayat office
36	AG-36	BW	N21°25'31.7"	E79°58'57.6"	APML – at plant premises near fly ash bricks plant
37	AG-37	BW	N21°24'26.4"	E79°57'16.7"	<u>APML</u> — at China colony premises, behind the Shanti Niketan guest house
38	AG-38	HP	N 21°25'8.4"	E 79°58'1.8"	Gumadhavada – Opposite to Adani plant in between gate no.2 nd gate no.3, before entrance of the village, LHS on road, opposite to village bus stop
39	AG-39	HP	N 21°24'4.9"	E 79°59'0.8"	Mehendipur – entrance of the village, on road, besides anganwadi office
40	AG-40	DW	N 21°24'26.1"	E 79°56'55.9"	Khairabodi — on Tiroda to Adani main road, LHS, before plant area
41	AG-41	DW	N 21°17'23.1"	E 79°50'21"	Sonkheri —towards Murpur, LHS, besides nala / puliya on road.
42	AG-42	НР	N 21°18'29"	E 79°51'09"	Murpar – back side panchayat building, infrontofMr.MarkanKukude residence
43	AG-43	BW	N 21°26'58.1"	E 80°11'26.7"	Gondiya – at Ag. Market yard, SabjiMandi, RHS, entrance of the main gate
44	AG-44	HP	N 21°24'19"	E 80°15'55.9"	Adasi:- Besides dumping site on road, LHS in front of vijaysitugautam residence
45	AG-45	BW	N 21°24'15.7"	E 80°11'34.3"	Dawwa:- Opposite to Ash back filling site on main highway on road at Jay Bambeswari, Dharam kata
46	AG-46	BW	N 21°20'54.7"	E 79°42'28.8"	Khapa:- New Ash filling site, Mr.Sakure (Bhandar) beside new site(Khapa village Panchaya)
47	AG-47	DW	N 21°31'19"	E 80°07'33.1"	Raipur Mines:-Mr.Prabhakar S. Rangdale, Ag. fields besides Ash fill site well. Govt. well
48	AG-48	BW	N 21°35'35.6"	E 80°10'12.7"	Tedva:- Agriculture bore well, besides rice mill at Rreclamation site.
49	AG-49	BW	N 21° 35' 35.6"	E 80º 14' 47.9"	Near ash filling site
50	AG-50	BW	N 21º 26' 57.8"	E 79º 59'48.4"	In APML township , Near temple

Note:AG: Sample Code,DW: Dug Well, BW: Bore Well,HP: Hand Pump, LHS: left hand side,RHS: right hand side

3.3 Groundwater Level Measurement

The observation well network (50 nos.) consisted of India Mark II hand-pumps as well as open wells (Table 3.1). The observation wells are present in the vicinity core zone and buffer zone of the ash filled low lying areas to the extent possible.

Few sampling locations are close to the disposal site i.e., ash filled low lying areas. The water levels from observation well network (Table-3.1) were obtained using Electric Contact Gauze (The Solinst 101 Water Level Meter). The groundwater level has been obtained with respect to below ground level (bgl).

3.4 Soil and Ash Sampling and Analysis

The ash and soil samples were collected at six (06) locations in the study area. The samples were packed in air tight sampling bags for their safe transportation to the laboratory. The coordinates of soil and ash sampling locations (Table-3.2) have been noted with the help of hand-held GPS.

Table 3.2: List of Soil sample / ash sample locations in the study area (Post monsoon Period- December 2020)

Sr.No	Code	Latitude	Longitude	Location Description			
1	AS-1	N 21°24'13.6"	E80°15'56.9"	Adasi:- Village panchayat land			
2	AS-2	N 21°20'43.7"	E 80°11'42.2"	Goregaon			
3	AS-3	N 21°24'14.4"	E 80°11'36.7"	Dawwa			
4	AS-4	N 21°20'55.5"	E 79°42'27.6"	Khapa - Tumsar-Bhandara road, on road, LHS			
5	AS-5	N 21°31'16"	E 80°07'31.2"	Raipur mines, rock mine, produces building stone			
6	AS-6	N 21°35'36.4"	E 80°10'16.4"	Tedva:- end of the village LHS, at Dhanyotham farmers produces company			

Note: AS: Sample Code, LHS: left hand side

Chapter 4 Results and Discussions

4.1 Groundwater Level

Groundwater level has been measured in the identified sources (Table 3.1). The groundwater level reflects the overall groundwater scenario as regards to its withdrawal, the recharge due precipitation, recharge from agricultural return flow, seepage from water bodies etc. The groundwater level was measured in pre-monsoon and post-monsoon seasons and are mentioned in the (Table 4.1). The groundwater level (m-below ground level) is varied in between 3.70 m (AG-17) to 14.20 m (AG-9) during pre-monsoon(June 2019), 1.00 m (AG-21) to 12.96 m (AG-16) during post-monsoon(November 2019), 1.97 m (AG-13) to 6.8 m (AG-1) in post-monsoon(December 2020), 3.85 m (AG-21) to 13.76 m (AG-5) in pre-monsoon(June 2021). The basic statistics of ground water level for pre and post monsoon seasons are shown in the (Table 4.2).

Table 4.1: Groundwater level (m - below ground level) in the study area during 2019-2021

Sr. No.	Sample	Pre-	Post-	Post-	Pre-
	Code	monsoon-	monsoon-	monsoon	monsoon
		2019 water	2019 water	2020 water	2021 water
		level (meter)	level (meter)	level (meter)	level (meter)
1.	AG-1	9.91	8.05	6.80	9.73
2.	AG-2	9.50	5.46	5.84	9.61
3.	AG-3	11.88	5.82	-	-
4.	AG-4	7.87	2.50	-	-
5.	AG-5	14.20	6.49	-	13.76
6.	AG-6	8.60	3.73	-	9.10
7.	AG-7	6.19	1.91	3.20	7.41
8.	AG-8	5.35	3.63	5.26	7.1
9.	AG-9	6.16	2.10	-	-
10.	AG-10	11.18	4.60	4.52	7.17
11.	AG-11	-	1.81	2.69	5.4
12.	AG-12	10.40	12.96	4.12	5.05
13.	AG-13	3.70	2.08	1.97	4.3
14.	AG-14	7.45	5.37	-	10.08
15.	AG-15	10.20	2.53	2.60	5.9
16.	AG-16	5.80	1.00	3.05	6.37
17.	AG-17	5.96	3.93	2.56	4
18.	AG-18	7.42	2.44	5.73	6.4
19.	AG-19	5.36	4.20	-	-

20.	AG-20	8.41	2.13	4.91	10.32
21.	AG-21	7.29	5.77	2.70	3.85
22.	AG-22	9.26	3.63	5.19	10.43
23.	AG-23	5.71	4.99	4.04	4.89
24.	AG-4	7.00	5.47	4.84	6.87
25.	AG-25	9.00	3.37	3.15	8.12
26.	AG-26	4.90	-	-	-
27.	AG-27	9.79	3.12	6.46	6.02
28.	AG-28	10.32	6.22	4.62	6.2
29.	AG-29	7.71	2.53	3.76	8.6
30.	AG-30	6.44	1.29	5.36	5.05
31.	AG-31	-	2.50	6.13	6.78
32.	AG-32	-	2.96	-	
33.	AG-33	-	-	5.86	8.95
34.	AG-34	-	-	-	-
35.	AG-35	-	-	-	-
36.	AG-36	-	-	-	-
37.	AG-37	-	-	-	-
38.	AG-38	-	-	3.03	7.20
39.	AG-39	-	-	4.49	6.42
40.	AG-40	-	-	2.53	5.1
41.	AG-41	-	-	3.16	6.25
42.	AG-42	-	-	4.00	5.12
43.	AG-43	-	-	-	-
44.	AG-44	-	-	2.10	4.34
45.	AG-45	-	-	-	-
46.	AG-46	-	-	-	-
47.	AG-47	-	-	5.83	5.36
48.	AG-48	-	-	-	-
49.	AG-49	-	-	-	-
50.	AG-50	-	-	-	-

Table 4.2: Basic statistics of groundwater level (m-below ground level) in Pre- monsoon 2019, Post-monsoon 2020and pre-monsoon 2021

Parameters (in meter)	Pre-monsoon' 2019	Post-monsoon' 2019	Post-monsoon' 2020	Pre-monsoon' 2021
Minimum water level	3.70	1.00	1.97	3.85
Maximum water level	14.20	12.96	6.80	13.76
Average level	8.03	4.01	4.209	6.97
Standard deviation	2.38	2.39	1.4	2.24

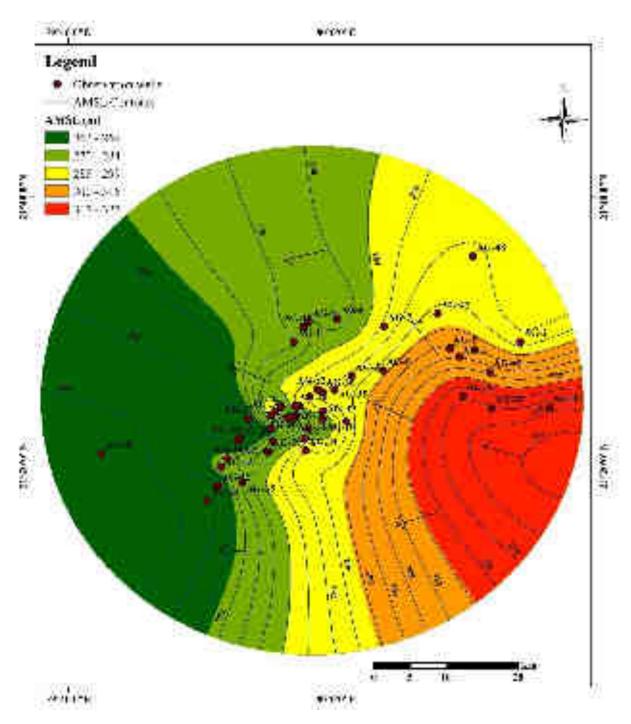


Figure 4.1: Groundwater level (m-amsl) contour plot of the study area – post monsoon'2020

4.2 Groundwater Chemistry

The samples were analysed for Physico-chemical parameters and heavy metal parameters for pre-monsoon (June 2019),post-monsoon (November 2019),post-monsoon (December 2020) and pre-monsoon (June 2021).

4.2.1 Pre-monsoon season (June 2019)

Physico-chemical parameters

The physico chemical parameters of water samples in pre-monsoon season (June 2019) are mentioned in the **Table 4.3**.

Turbidity:Turbidity concentration for all the samples was found to be within the permissible and acceptable limit of BIS (10500:2012) (10500:2012) except samples, AG 9 (10.2 NTU).

Total Hardness: The concentration of Total Hardness for all the samples were found to be within the permissible and acceptable limit of BIS (10500:2012) except samples AG-35, AG-38 and AG-40.

Magnesium (Mg²⁺):Magnesium concentration for all the samples were found to be within the permissible and acceptable limit except Mg⁺ for sample code AG-35 (189 Mg/L) was found to above the permissible and acceptable limit of BIS (10500:2012).

Nitrate (NO³-): The concentration of Nitrate were found to be within the permissible limit of BIS (10500:2012), except for samples AG-7,AG-12,AG-13, AG-14,AG-20,AG-21, AG-25,AG-26,AG-27,AG-29,AG-34,AG-35,AG-39,AG-40which were found to be in the range of 47-574 mg/l.

Sulphate(SO₄²-): The concentrations of Sulphate for all the samples were found to be within the permissible and acceptable limit except samples AG-31 & AG-38.

Fluoride (F'): The concentration of Fluoride for all the samples were found to be within the permissible and acceptable limitexcept samples AG-6, AG-10, AG-11, AG-21 and AG-38 were found to be 1.5,2.8,1.5,1.6 and 1.9mg/l respectively which were above the permissible and acceptable limit of BIS (10500:2012).

The concentration for rest of all the water sample parameters viz. pH, EC, TDS, calcium, sodium, potassium, Total alkalinity, Phosphate and Chlorides were found to be within the permissible and acceptable limits of BIS (10500:2012).

Table 4.3: Physico-chemical parameters in Pre-monsoon (June 2019)

Sr.	Sample Code	pН	EC	TDS (mg/l)	Turbidity	Total Hardness		Magnesiu m Mg ²⁺	Sodium	Potassium	Total (2) alkalinity as CaCO ₃	Phosphate as PO ₄ -2	Fluoride as F	Nitrate NO ³⁻	Sulphate	Chloride
No						H		<u>N</u> -	• • • • • • • • • • • • • • • • • • • •	P		[H]	F		S ₂	
	nits	-	μS/cm	mg/L	NTU			T			mg/L		T		1	T
(1050 1050 (Acco Perm	BIS 00:2012) 00:2012 eptable/ nissible mit)	6.5/8.5	-	500/ 2000	1/5	200/ 600	75/200	30/100	-	-	200/600	-	1.0/1.5	45	200/400	250/ 1000
1	AG-1	7.6	248	149	0.4	180	32	24	10	1	152	0.6	0.4	8	16	22
2	AG-2	7.6	455	273	0.6	100	34	4	9	2	120	1.8	0.2	3	14	10
3	AG-3	7.3	239	143	0.6	252	37	38	36	1	188	1.5	0.9	9	17	52
4	AG-4	7.6	606	364	0.4	200	35	27	21	2	224	1.2	1.3	14	13	14
5	AG-5	7.5	945	567	0.8	236	78	10	37	5	220	0.9	0.5	3	46	74
6	AG-6	7.4	745	447	1.8	184	58	10	27	2	160	0.6	1.5	5	13	88
7	AG-7	7.6	639	383	0.7	220	64	14	22	3	160	2.1	0.3	<u>84</u>	8	70
8	AG-8	7.7	443	266	0.2	120	34	9	16	1	140	1.1	0.4	21	6	16
9	AG-9	6.9	735	441	<u>10.2</u>	268	48	36	18	3	176	0.7	0.3	2	34	114
10	AG-10	8.2	1254	752	0.5	156	22	24	190	2	480	1.4	2.8	6	11	100
11	AG-11	7.9	615	369	0.6	160	40	14	44	2	204	2.8	1.5	30	17	22
12	AG-12	7.9	596	358	0.4	208	30	32	29	1	188	2.1	0.5	<u>47</u>	44	36

13	AG-13	7.8	1067	640	0.6	424	45	75	57	1	284	1.3	1.3	<u>95</u>	46	92
14	AG-14	7.5	1239	743	0.9	512	107	59	43	6	216	1.0	0.5	<u>154</u>	41	140
15	AG-15	7.7	564	338	0.3	208	48	21	18	2	180	1.1	0.4	15	5	20
16	AG-16	7.7	627	376	0.7	228	38	32	42	6	220	2.2	0.6	2	5	40
17	AG-17	7.6	614	368	0.8	288	29	52	22	2	268	1.4	0.7	4	22	20
18	AG-18	7.6	447	268	3.5	152	16	27	24	2	200	1.1	0.6	0	3	24
19	AG-19	7.6	456	274	0.4	180	35	22	23	2	200	0.4	0.3	2	5	12
20	AG-20	7.3	771	463	0.3	284	45	41	25	8	232	0.5	0.4	<u>94</u>	23	50
21	AG-21	7.7	1027	616	0.5	236	16	47	80	4	228	1.9	<u>1.6</u>	<u>68</u>	47	130
22	AG-22	7.7	684	410	0.6	164	32	20	55	1	224	1.1	0.6	7	57	46
23	AG-23	7.8	1194	716	0.4	340	72	38	28	2	168	0.7	0.5	16	66	152
24	AG-24	7.4	234	140	0.7	108	27	10	9	3	112	1.2	0.3	3	17	20
25	AG-25	7.8	1280	768	0.3	492	104	56	24	4	204	1.0	0.5	<u>174</u>	86	172
26	AG-26	7.4	638	383	0.4	346	51	52	24	2	172	2.3	0.4	<u>56</u>	21	70
27	AG-27	7.6	1668	1001	0.6	380	88	38	38	2	168	0.8	0.4	<u>83</u>	71	156
28	AG-28	7.5	739	443	0.9	232	59	20	51	4	340	0.9	0.3	1	15	44
29	AG-29	7.7	798	479	0.6	320	45	50	25	3	188	1.0	0.7	<u>116</u>	47	96
30	AG-30	7.6	675	405	0.4	176	43	16	31	1	148	0.6	0.6	4	104	56
31	AG-31	7.7	1141	685	1.0	396	118	24	32	2	120	0.5	0.2	5	<u>408</u>	76
32	AG-32	7.1	795	477	1.5	160	22	25	34	6	256	0.7	0.3	1	8	24

33	AG-33	7.4	534	320	2.0	154	38	14	22	3	204	1.1	0.7	18	6	22
34	AG-34	7.5	980	588	0.6	280	43	41	34	4	212	0.5	0.4	<u>90</u>	37	92
35	AG-35	7.2	2530	1518	0.9	<u>920</u>	53	<u>189</u>	132	2	280	0.7	0.6	<u>574</u>	192	392
36	AG-36	7.2	533	320	1.6	244	45	32	17	5	200	0.6	0.4	3	17	30
37	AG-37	7.6	328	197	1.6	108	29	9	24	2	140	0.8	0.3	2	15	28
38	AG-38	7.9	1505	903	1.5	<u>620</u>	128	72	68	13	108	1.4	<u>1.9</u>	20	<u>600</u>	100
39	AG-39	7.5	824	494	1.1	224	38	31	64	2	220	0.6	0.4	<u>50</u>	37	76
40	AG-40	7.4	2070	1242	0.6	<u>672</u>	109	96	135	3	260	0.7	0.7	<u>369</u>	116	330
41	AG-41	7.9	409	245	0.4	104	16	15	90	4	192	0.7	0.8	3	14	30

Results mentioned in Table as **Bold and underlined** are above BIS 10500-2012 Permissible limits ND- Not Detected

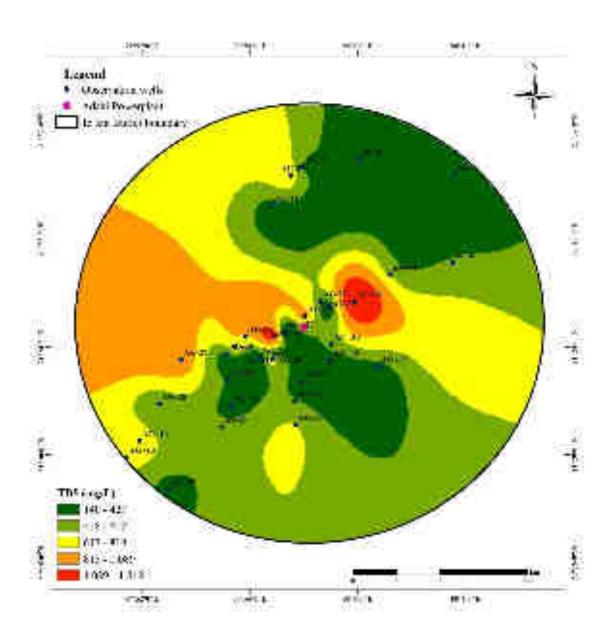


Figure 4.2: TDS concentration in June 2019

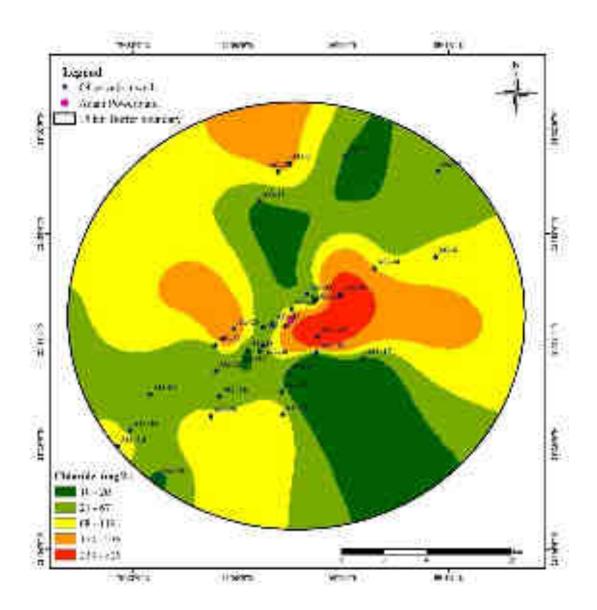


Figure 4.3: Chloride concentration in June 2019

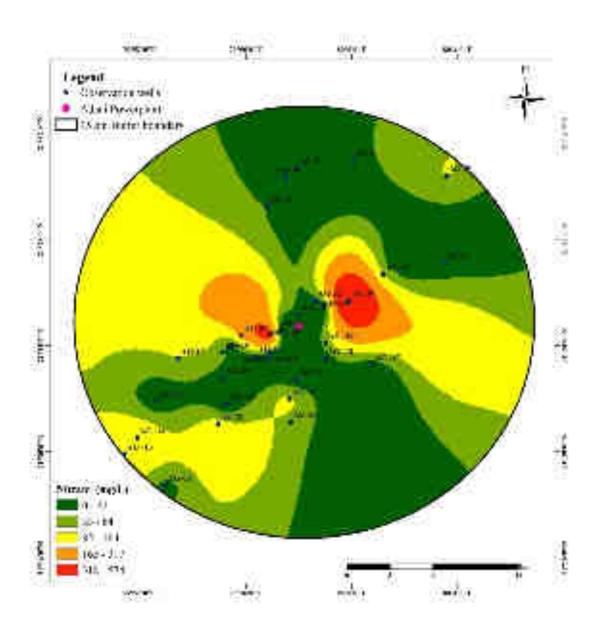


Figure 4.4: Nitrate concentration in June 2019

Heavy metals (June 2019):

Concentration of heavy metal namely Silver(Ag), Aluminium(Al), Arsenic(As), Cadmium(Cd), Cobalt(Co), Chromium(Cr), Copper(Cu), Manganese(Mn), Nickel(Ni), Lead(Pb), Zinc(Zn) and Mercury(Hg) were found to be Below Detection Limit(BDL) (Table 4.4). The concentrations of Iron (Fe) in all the samples were found to be within the permissible limit of BIS (10500:2012) except sample AG-13 (**Table 4.4**) respectively.

Table 4.4: Heavy Metal concentration in Pre-monsoon season (June 2019)

Sr.No	Sample code	Ag	Al	As	Cd	Со	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS (10500:2012) Limit (mg/L)		0.1	0.03- 0.2	0.01	0.003	-	0.05	0.05- 1.5	0.3-1.0	0.10- 0.30	0.02	0.01	5.0-15	0.001
ICP detection Limit (mg/L)			0.00001	0.007	0.0001	0.0004	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000075
1	AG-1	ND	0.02	BDL	ND	BDL	BDL	0.007	0.2	0.2	BDL	BDL	0.06	BDL
2	AG-2	ND	0.02	BDL	ND	ND	ND	0.0005	0.2	0.08	BDL	ND	0.5	BDL
3	AG-3	ND	0.01	ND	ND	ND	ND	0.004	0.07	0.03	BDL	ND	0.3	BDL
4	AG-4	ND	0.02	BDL	ND	BDL	ND	0.009	0.3	0.05	BDL	BDL	0.8	BDL
5	AG-5	ND	0.01	ND	ND	ND	ND	0.006	0.7	0.09	BDL	ND	3.9	BDL
6	AG-6	ND	0.01	ND	ND	ND	ND	0.007	0.2	0.03	BDL	ND	0.7	BDL
7	AG-7	ND	0.02	BDL	ND	ND	ND	0.007	0.2	0.05	BDL	ND	0.08	BDL
8	AG-8	ND	0.02	BDL	ND	ND	ND	0.004	0.1	0.06	BDL	BDL	0.07	BDL
9	AG-9	ND	0.01	ND	ND	ND	ND	0.003	0.2	0.02	ND	BDL	0.03	BDL
10	AG-10	ND	0.02	BDL	ND	BDL	ND	0.001	1.0	0.04	ND	BDL	0.4	BDL
11	AG-11	ND	0.03	BDL	ND	ND	ND	0.002	0.2	0.04	ND	BDL	0.07	BDL
12	AG-12	ND	0.02	ND	ND	BDL	ND	0.005	0.1	0.04	BDL	BDL	0.8	BDL
13	AG-13	ND	0.02	ND	ND	BDL	ND	0.004	1.2	0.08	ND	BDL	0.9	BDL

14	AG-14	ND	0.03	BDL	ND	BDL	ND	0.001	0.2	0.002	BDL	BDL	0.8	BDL
15	AG-15	ND	0.02	ND	ND	BDL	ND	0.005	0.3	0.2	BDL	BDL	0.8	BDL
16	AG-16	ND	0.01	ND	ND	BDL	BDL	0.007	0.1	0.003	BDL	BDL	0.04	BDL
17	AG-17	ND	0.02	BDL	ND	BDL	ND	0.003	0.1	0.2	BDL	BDL	0.07	BDL
18	AG-18	ND	0.007	BDL	ND	BDL	ND	0.003	0.1	0.1	BDL	BDL	0.4	BDL
19	AG-19	ND	0.006	BDL	ND	BDL	ND	0.0008	0.2	0.04	BDL	BDL	0.3	BDL
20	AG-20	ND	0.04	ND	ND	BDL	BDL	0.007	0.1	0.2	BDL	BDL	0.3	BDL
21	AG-21	ND	0.03	ND	ND	ND	BDL	BDL	0.006	0.05	BDL	BDL	0.5	BDL
22	AG-22	ND	0.005	ND	ND	BDL	BDL	0.004	0.7	0.06	BDL	BDL	0.4	BDL
23	AG-23	ND	0.008	BDL	ND	ND	BDL	0.0001	0.005	0.005	BDL	BDL	0.09	BDL
24	AG-24	ND	0.006	ND	ND	BDL	BDL	0.006	0.2	0.05	BDL	BDL	2.0	BDL
25	AG-25	ND	0.03	BDL	ND	BDL	BDL	0.007	0.9	0.05	BDL	BDL	0.09	BDL
26	AG-26	ND	0.09	ND	ND	ND	BDL	0.001	0.2	0.2	BDL	ND	0.4	BDL
27	AG-27	ND	0.03	BDL	ND	ND	BDL	0.007	0.1	0.05	BDL	BDL	0.3	BDL
28	AG-28	ND	0.03	BDL	ND	ND	BDL	0.001	0.2	0.009	BDL	BDL	0.05	BDL
29	AG-29	ND	0.03	ND	ND	BDL	BDL	0.004	0.1	0.2	BDL	BDL	2.0	BDL
30	AG-30	ND	0.01	ND	ND	ND	BDL	0.005	0.1	0.04	BDL	BDL	0.09	BDL
31	AG-31	ND	0.01	ND	ND	ND	BDL	0.004	0.1	0.03	BDL	BDL	0.06	BDL
32	AG-32	ND	0.02	BDL	ND	ND	BDL	0.006	0.1	0.05	BDL	BDL	0.4	BDL
33	AG-33	ND	0.02	BDL	ND	BDL	BDL	0.003	0.1	0.03	BDL	BDL	0.4	BDL

34	AG-34	ND	0.04	ND	ND	ND	BDL	0.003	0.09	0.03	BDL	BDL	0.3	BDL
35	AG-35	ND	0.02	ND	ND	ND	BDL	0.004	0.09	0.02	ND	BDL	0.05	BDL
36	AG-36	ND	0.03	BDL	ND	ND	BDL	0.005	0.09	0.1	BDL	ND	0.06	BDL
37	AG-37	ND	0.04	ND	ND	ND	BDL	0.007	0.9	0.09	BDL	ND	0.7	BDL
38	AG-38	ND	0.02	ND	ND	ND	BDL	0.003	0.3	0.07	ND	ND	0.3	BDL
39	AG-39	ND	0.03	ND	ND	ND	BDL	0.001	0.3	0.09	BDL	BDL	0.4	BDL
40	AG-40	ND	0.03	BDL	ND	ND	BDL	BDL	0.006	0.06	BDL	BDL	0.5	BDL
41	AG-41	ND	0.03	BDL	ND	ND	BDL	BDL	0.007	0.07	BDL	BDL	0.6	BDL

4.2.2. Post-monsoon season (November 2019)

Physico-chemical parameters

The physico chemical parameters of water samples in post-monsoon season are mentioned in the **Table 4.5**.

Total Dissolved Solids: The TDS for all the samples were found to be within the permissible and acceptable limit. TDS for sample AG-39 (2754 mg/l) was found to be above the permissible and acceptable limit of BIS (10500:2012).

Nitrate: The concentration of nitrate (No₃⁻) were found to be within the permissible limit of BIS (10500:2012), except for sample AG-7,AG-13,AG-20, AG -25,AG -26,AG-29, AG-34,AG-35 and AG-39 which were found to be in the range of 60–180 mg/L.

Fluoride:The concentration of fluoride(F⁻) in all the sample were found to be well within the permissible and acceptable limit of BIS (10500:2012) except for samples AG-10,AG-11, AG-13 and AG-21.

The physico-chemical parameters viz pH, calcium, Total Hardness, Total alkalinity, sulphate, Phosphate and Chlorides were found to be within the permissible limits of BIS (10500:2012).

Table 4.5: Physico-chemical parameters in post-monsoon season (November 2019)

Sr. No	Sample Code	рН	EC	TDS (mg/l)	Turbidity	Total Hardness as	Calcium as Ca ²⁺	Magnesium Mg ²⁺	Sodium	Potassium	Total alkalinity as CaCO ₃	Phosphate as PO ₄ -2	Fluoride as F-	Nitrate NO ³⁻	sulphate	chloride
Uı	nits	-	μS/cm	mg/L	NTU						mg/L					
(10500 (Acce Perm	SIS 0:2012) ptable/ iissible nit)	6.5/8.5	-	500/ 2000	1/5	200/ 600	75/200	30/100	-	-	200/600	-	1.0/1.5	45	200/400	250/ 1000
1	AS-1	7.6	429	257	0.4	220	40	29	13	4	160	0.2	0.5	9	18	30
2	AG-2	7.8	68	41	55	148	35	14	9	2	130	0.7	0.2	4	16	10
3	AG-3	7.5	649	389	0.2	170	33	21	20	4	160	0.5	0.9	10	18	50
4	AG-4	7.8	400	240	0.6	180	32	24	20	1	160	0.8	1.2	12	10	20
5	AG-5	7.7	1072	643	0.2	248	80	12	40	6	228	0.9	0.5	3	50	80
6	AG-6	7.8	789	473	1	178	55	10	30	1	160	0.6	1	5	11	84
7	AG-7	7.9	614	368	0.2	240	72	14	26	2	180	0.6	0.2	<u>80</u>	8	64
8	AG-8	8	378	227	0.3	110	32	7	14	2	120	0.4	0.3	20	4	20
9	AG-9	7.4	866	520	3.4	300	56	38	20	2	180	0.4	0.2	2	30	130
10	AG-10	8.3	1507	904	0.2	196	35	26	180	3	498	0.4	<u>2</u>	5	12	110
11	AG-11	8.3	582	349	0.3	164	39	16	48	3	200	0.6	<u>2</u>	29	18	20
12	AG-12	7.9	1441	865	0.3	260	48	34	60	1	220	0.4	0.4	33	42	120

13	AG-13	7.9	1199	719	0.2	410	44	72	60	2	288	0.7	<u>2</u>	<u>98</u>	48	122
14	AG-14	7.9	582	349	0.3	218	32	33	23	3	180	0.4	0.4	40	28	60
15	AG-15	7.8	167	100	0.2	132	24	17	9	1	100	0.3	0.2	9	6	10
16	AG-16	7.9	602	361	0.3	216	35	31	35	3	208	0.4	0.3	1	5	36
17	AG-17	7.8	306	184	0.3	248	27	43	18	1	198	0.8	0.6	2	13	16
18	AG-18	7.9	472	283	0.7	160	24	24	20	1	210	0.5	0.5	1	2	20
19	AG-19	7.6	489	293	0.5	198	35	26	16	1	200	0.4	0.3	3	4	16
20	AG-20	7.9	777	466	0.2	280	44	41	24	7	240	0.5	0.3	<u>88</u>	22	40
21	AG-21	7.9	646	388	0.2	260	24	48	34	3	210	4.2	<u>2</u>	28	22	82
22	AG-22	7.8	665	399	0.5	158	39	14	40	2	180	3.6	0.5	5	48	40
23	AG-23	7.7	1234	740	0.2	390	84	43	30	3	188	2.9	0.4	14	60	176
24	AG-24	8	181	109	1.2	68	19	5	11	1	78	1	0.3	2	12	16
25	AG-25	7.7	1518	911	0.5	540	112	62	28	5	240	1.2	0.5	<u>180</u>	90	180
26	AG-26	7.9	623	374	0.3	358	55	53	25	2	188	0.9	0.4	<u>60</u>	22	62
27	AG-28	7	582	349	0.8	144	32	15	48	3	220	0.8	0.2	2	10	40
28	AG-29	8	810	486	0.3	338	51	50	21	2	180	0.6	0.6	<u>110</u>	50	92
29	AG-30	8	631	379	0.2	164	40	15	32	2	100	0.9	0.6	3	100	44
30	AG-31	8	582	349	0.3	196	38	24	22	2	120	0.3	0.2	2	50	50
31	AG-32	7.9	748	449	1.2	160	24	24	30	4	228	0.5	0.3	1	9	30
32	AG-34	7.9	1244	746	0.3	320	72	34	24	4	120	0.6	0.4	<u>100</u>	40	124

33	AG-35	7.8	2350	1410	0.4	890	56	180	113	20	260	0.5	0.5	<u>100</u>	200	370
34	AG-36	8.3	273	164	0.5	140	24	19	9	3	120	0.7	0.3	4	10	26
35	AG-37	8.2	267	160	0.5	90	24	7	12	1	80	0.8	0.3	1	11	26
36	AG-38	8	957	574	0.8	256	44	35	60	1	240	1.6	0.4	43	32	90
37	AG-39	7.9	4590	<u>2754</u>	0.6	740	152	86	140	5	298	1.1	0.7	<u>98</u>	100	520
38	AG-40	8.4	457	274	0.3	128	19	19	88	3	196	2.2	0.8	2	12	40
39	AG-41	8.2	726	436	0.3	160	32	19	22	3	160	0.8	0.7	19	12	36
40	AG-42	8.2	854	512	0.3	168	35	19	21	11	160	0.8	0.6	33	33	36
41	AG-43	8.2	556	334	0.9	140	32	14	20	10	180	0.8	0.5	21	26	10

Results mentioned in Table as **Bold and underlined** are above BIS 10500-2012 Permissible limits ND- Not Detected

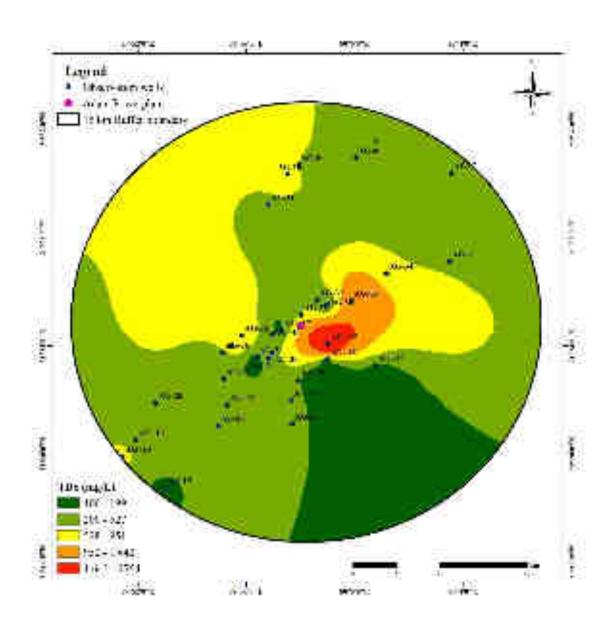


Figure 4.5: TDS concentration in November 2019

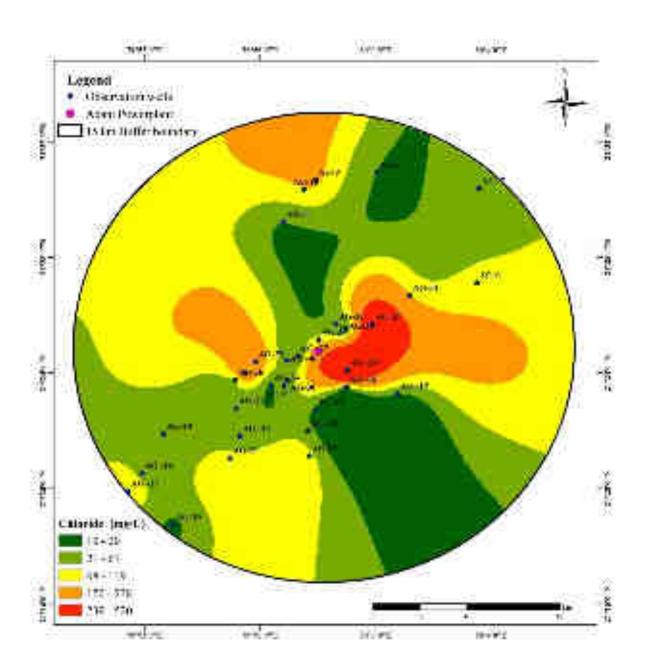


Figure 4.6: Chloride concentration in November 2019

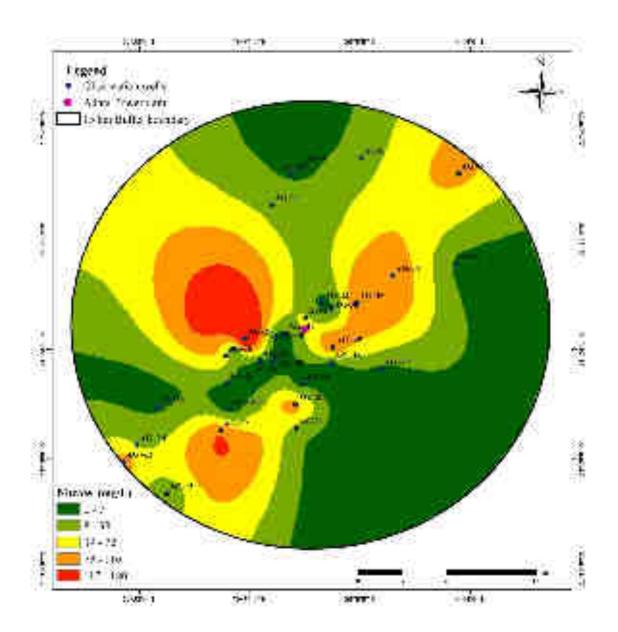


Figure 4.7: Nitrate concentration in November 2019

Heavy metals:

The Heavy metal analysis of water samples in post-monsoon (November 2019)season are mentioned in the **Table 4.6**. The concentration of heavy metalsAs,Cd, Cr, Cu, Ni and Pb were all found to be well within the permissible limit of BIS (10500:2012). The concentration of Al in all the samples were found to be within the permissible and acceptable limit of BIS (10500:2012), except for samples AG-24 (0.5 mg/L) permissible limits of BIS (10500:2012). The concentration of Iron (Fe) were found to be within the permissible limit of BIS (10500:2012) except for samples AG-1,AG-2, AG-4, AG-5, AG-6,AG-7, AG-9,AG-12,AG-14,AG-16,AG-18,AG-19,AG-20,AG-23,AG-24,AG-25,AG-28,AG-29,AG-32,AG-34,AG-35,AG-36,AG-38,AG-40, AG-42 & AG-43 which were found to be in the range of 1-18 mg/L. The concentration of Mn in all the samples were found to be within the permissible limits of BIS (10500:2012) except samples AG-4, AG-9 and AG-31 which were found to be 0.4,0.4 and 0.5 mg/L respectively. The concentrations of zinc (Zn) in all the samples were found to be within the permissible and acceptable limits of BIS (10500:2012). Whereas concentration of Zn in sample AG-9 (19.0 mg/L) was found to be above the permissible and acceptable limits of BIS (10500:2012).

 Table 4.6: Heavy Metal parameters in Post-monsoon (November 2019)

Sr.No	Sample code	Al	As	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
`	500:2012) (mg/L)	0.03-0.2	0.01	0.003	0.05	0.05-1.5	0.3-1.0	0.10-0.30	0.02	0.01	5.0-15	0.001
	etion Limit g/L)	0.00001	0.007	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000075
1	AS-1	0.09	0.009	0.0009	0.03	0.01	<u>1.6</u>	0.03	BDL	0.009	0.1	BDL
2	AG-2	0.09	0.009	0.002	0.02	0.01	4.2	0.1	0.006	0.009	0.2	BDL
3	AG-3	0.02	0.007	0.001	BDL	0.01	0.8	0.1	0.009	0.009	0.1	BDL
4	AG-4	0.02	0.007	0.001	BDL	0.02	1.0	<u>0.4</u>	0.01	0.009	0.1	BDL
5	AG-5	0.09	0.009	0.0005	BDL	0.01	1.0	0.03	BDL	BDL	0.2	BDL
6	AG-6	0.09	0.009	ND	BDL	0.009	9.2	0.1	BDL	BDL	0.6	BDL
7	AG-7	0.09	0.009	0.0001	BDL	0.01	1.0	0.03	BDL	BDL	0.2	BDL
8	AG-8	0.09	BDL	0.0001	BDL	0.01	0.6	0.02	BDL	BDL	0.7	BDL
9	AG-9	0.09	ND	ND	BDL	0.01	<u>6.7</u>	0.4	0.006	BDL	19.0	BDL
10	AG-10	0.09	ND	ND	BDL	0.009	0.6	0.03	BDL	BDL	0.2	BDL
11	AG-11	0.09	ND	ND	BDL	0.01	0.6	0.04	BDL	BDL	0.5	BDL
12	AG-12	0.09	ND	ND	BDL	0.01	0.8	0.03	BDL	BDL	0.6	BDL
13	AG-13	0.09	ND	ND	BDL	0.03	0.5	0.04	BDL	BDL	0.2	BDL
14	AG-14	0.09	ND	ND	BDL	0.01	<u>1.4</u>	0.09	BDL	BDL	0.3	BDL

16													
17	15	AG-15	0.09	ND	ND	BDL	0.01	0.7	0.02	BDL	BDL	0.6	BDL
18 AG-18 0.09 ND ND BDL 0.01 12.0 0.05 BDL BDL 0.2 BDL 19 AG-19 0.09 ND ND BDL 0.02 2.4 0.05 BDL BDL 0.1 BDL 20 AG-20 0.09 ND ND BDL 0.02 2.6 0.03 BDL BDL 0.3 BDL 21 AG-21 0.09 ND ND BDL 0.01 0.8 0.03 BDL BDL 0.1 BDL 22 AG-22 0.09 ND ND BDL 0.01 0.6 0.05 BDL BDL 0.06 BDL 23 AG-23 0.008 ND ND BDL 0.009 1.1 0.02 BDL BDL 0.2 BDL 24 AG-24 9.5 ND ND BDL 0.01 1.4 0.1 BDL BDL 0.1 BDL	16	AG-16	0.09	ND	ND	BDL	0.007	1.0	0.02	BDL	BDL	0.09	BDL
19	17	AG-17	0.03	ND	ND	BDL	0.008	0.5	0.2	BDL	BDL	0.08	BDL
20	18	AG-18	0.09	ND	ND	BDL	0.01	12.0	0.05	BDL	BDL	0.2	BDL
21 AG-21 0.09 ND ND BDL 0.01 0.8 0.03 BDL BDL 0.1 BDL	19	AG-19	0.09	ND	ND	BDL	0.02	2.4	0.05	BDL	BDL	0.1	BDL
22 AG-22 0.09 ND ND BDL 0.01 0.6 0.05 BDL BDL 0.06 BDL 23 AG-23 0.008 ND ND BDL 0.009 1.1 0.02 BDL BDL 0.2 BDL 24 AG-24 0.5 ND ND BDL 0.01 1.4 0.1 BDL BDL 0.1 BDL 25 AG-25 0.006 ND ND BDL 0.01 2.3 0.05 BDL BDL 1.4 BDL 26 AG-26 0.007 ND ND BDL 0.009 0.6 0.03 BDL BDL 0.09 BDL 27 AG-28 0.009 ND ND BDL 0.01 2.7 0.2 BDL BDL 0.5 BDL 28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.08 <t< td=""><td>20</td><td>AG-20</td><td>0.09</td><td>ND</td><td>ND</td><td>BDL</td><td>0.02</td><td>2.6</td><td>0.03</td><td>BDL</td><td>BDL</td><td>0.3</td><td>BDL</td></t<>	20	AG-20	0.09	ND	ND	BDL	0.02	2.6	0.03	BDL	BDL	0.3	BDL
23 AG-23 0.008 ND ND BDL 0.009 1.1 0.02 BDL BDL 0.2 BDL 24 AG-24 0.5 ND ND BDL 0.01 1.4 0.1 BDL BDL 0.1 BDL 25 AG-25 0.006 ND ND BDL 0.01 2.3 0.05 BDL BDL 1.4 BDL 26 AG-26 0.007 ND ND BDL 0.009 0.6 0.03 BDL BDL 0.09 BDL 27 AG-28 0.009 ND ND BDL 0.01 2.7 0.2 BDL BDL 0.5 BDL 28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.5 BDL 29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 <t< td=""><td>21</td><td>AG-21</td><td>0.09</td><td>ND</td><td>ND</td><td>BDL</td><td>0.01</td><td>0.8</td><td>0.03</td><td>BDL</td><td>BDL</td><td>0.1</td><td>BDL</td></t<>	21	AG-21	0.09	ND	ND	BDL	0.01	0.8	0.03	BDL	BDL	0.1	BDL
24 AG-24 0.5 ND ND BDL 0.01 1.4 0.1 BDL BDL 0.1 BDL 25 AG-25 0.006 ND ND BDL 0.01 2.3 0.05 BDL BDL 1.4 BDL 26 AG-26 0.007 ND ND BDL 0.009 0.6 0.03 BDL BDL 0.09 BDL 27 AG-28 0.009 ND ND BDL 0.01 2.7 0.2 BDL BDL 0.5 BDL 28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.5 BDL 29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 BDL 30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 <td< td=""><td>22</td><td>AG-22</td><td>0.09</td><td>ND</td><td>ND</td><td>BDL</td><td>0.01</td><td>0.6</td><td>0.05</td><td>BDL</td><td>BDL</td><td>0.06</td><td>BDL</td></td<>	22	AG-22	0.09	ND	ND	BDL	0.01	0.6	0.05	BDL	BDL	0.06	BDL
25 AG-25 0.006 ND ND BDL 0.01 2.3 0.05 BDL BDL 1.4 BDL 26 AG-26 0.007 ND ND BDL 0.009 0.6 0.03 BDL BDL 0.09 BDL 27 AG-28 0.009 ND ND BDL 0.01 2.7 0.2 BDL BDL 0.5 BDL 28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.5 BDL 29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 BDL 30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 BDL 31 AG-32 0.001 ND ND BDL 0.009 1.8 0.04 BDL BDL 0.2	23	AG-23	0.008	ND	ND	BDL	0.009	<u>1.1</u>	0.02	BDL	BDL	0.2	BDL
26 AG-26 0.007 ND ND BDL 0.009 0.6 0.03 BDL BDL 0.09 BDL 27 AG-28 0.009 ND ND BDL 0.01 2.7 0.2 BDL BDL 0.5 BDL 28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.5 BDL 29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 BDL 30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 BDL 31 AG-32 0.001 ND ND BDL 0.006 18.0 0.1 BDL BDL 0.6 BDL 32 AG-34 0.006 ND ND BDL 0.009 1.8 0.04 BDL BDL 0.2	24	AG-24	<u>0.5</u>	ND	ND	BDL	0.01	1.4	0.1	BDL	BDL	0.1	BDL
27 AG-28 0.009 ND ND BDL 0.01 2.7 0.2 BDL BDL 0.5 BDL 28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.5 BDL 29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 BDL 30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 BDL 31 AG-32 0.001 ND ND BDL 0.006 18.0 0.1 BDL BDL 0.6 BDL 32 AG-34 0.006 ND ND BDL 0.009 1.8 0.04 BDL BDL 0.2 BDL	25	AG-25	0.006	ND	ND	BDL	0.01	2.3	0.05	BDL	BDL	1.4	BDL
28 AG-29 0.001 ND ND BDL 0.02 8.8 0.09 BDL BDL 0.5 BDL 29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 BDL 30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 BDL 31 AG-32 0.001 ND ND BDL 0.006 18.0 0.1 BDL BDL 0.6 BDL 32 AG-34 0.006 ND ND BDL 0.009 1.8 0.04 BDL BDL 0.2 BDL	26	AG-26	0.007	ND	ND	BDL	0.009	0.6	0.03	BDL	BDL	0.09	BDL
29 AG-30 0.004 ND ND BDL 0.01 0.7 0.02 BDL BDL 0.08 BDL 30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 BDL 31 AG-32 0.001 ND ND BDL 0.006 18.0 0.1 BDL BDL 0.6 BDL 32 AG-34 0.006 ND ND BDL 0.009 1.8 0.04 BDL BDL 0.2 BDL	27	AG-28	0.009	ND	ND	BDL	0.01	2.7	0.2	BDL	BDL	0.5	BDL
30 AG-31 0.002 ND ND BDL 0.009 0.8 0.5 BDL BDL 0.1 BDL 31 AG-32 0.001 ND ND BDL 0.006 18.0 0.1 BDL BDL 0.6 BDL 32 AG-34 0.006 ND ND BDL 0.009 1.8 0.04 BDL BDL 0.2 BDL	28	AG-29	0.001	ND	ND	BDL	0.02	8.8	0.09	BDL	BDL	0.5	BDL
31 AG-32 0.001 ND ND BDL 0.006 <u>18.0</u> 0.1 BDL BDL 0.6 BDL 32 AG-34 0.006 ND ND BDL 0.009 <u>1.8</u> 0.04 BDL BDL 0.2 BDL	29	AG-30	0.004	ND	ND	BDL	0.01	0.7	0.02	BDL	BDL	0.08	BDL
32 AG-34 0.006 ND ND BDL 0.009 <u>1.8</u> 0.04 BDL BDL 0.2 BDL	30	AG-31	0.002	ND	ND	BDL	0.009	0.8	0.5	BDL	BDL	0.1	BDL
	31	AG-32	0.001	ND	ND	BDL	0.006	<u>18.0</u>	0.1	BDL	BDL	0.6	BDL
33 AG-35 0.005 ND ND BDL 0.02 <u>3.3</u> 0.03 BDL BDL 0.1 BDL	32	AG-34	0.006	ND	ND	BDL	0.009	1.8	0.04	BDL	BDL	0.2	BDL
	33	AG-35	0.005	ND	ND	BDL	0.02	3.3	0.03	BDL	BDL	0.1	BDL

34	AG-36	0.09	ND	ND	BDL	0.01	4.0	0.03	BDL	BDL	0.2	BDL
35	AG-37	0.03	ND	ND	BDL	0.01	0.8	0.01	BDL	BDL	0.2	BDL
36	AG-38	0.03	ND	ND	BDL	0.009	1.2	0.04	BDL	BDL	0.1	BDL
37	AG-39	0.09	ND	ND	BDL	0.007	0.8	0.01	BDL	BDL	0.05	BDL
38	AG-40	0.09	ND	ND	BDL	0.009	2.2	0.02	BDL	BDL	0.1	BDL
39	AG-41	0.09	ND	ND	BDL	0.04	0.5	0.04	BDL	BDL	0.07	BDL
40	AG-42	0.09	ND	ND	BDL	0.008	3.2	0.05	BDL	BDL	0.2	BDL
41	AG-43	0.09	ND	ND	BDL	0.006	1.0	0.05	BDL	BDL	0.05	BDL

BDL- below Detection Limit; ND- Not detected

4.2.3 Pre-monsoon season (December-2020)

Physico-chemical parameters

The physico chemical parameters of water samples in pre-monsoon season are mentioned in the **Table-4.7**.

TDS: The TDS concentration was found within permissible limit for all the samples (Figure 4.2). The minimum concentration is 81 mg/L at sample code AG-2 and maximum concentration is 1303 mg/Lat AG-35.

Chloride (Cl⁻): The Chloride (Cl⁻) concentration was within permissible limit for all the samples (Figure-4.3). The minimum concentration is 5 mg/L at sample code AG-2 and maximum concentration is 425 mg/L at AG-35.

Turbidity: Turbidity concentration for all the samples was found to be within the permissible and acceptable limit of BIS except samples AS-1, AG-2, AG-6,AG-14, AG-16, AG-17, AG-18, AG-28, AG-29, AG-32and AG-44 which were found to be in the range of 1-5 NTU. The minimum concentration is 0.1NTU at sample code AG-9 and maximum concentration is 84NTU at AG-18.

Total Hardness: The concentration of Total Hardness for all the samples were found to be within the permissible and acceptable limit of BIS except sample AG-35. The minimum concentration is 70 mg/L at sample code AG-2 and maximum concentration is 880 mg/L at AG-35.

Nitrate(No3⁻): The concentration of nitrate (No3⁻) were found to be within the permissible limit of BIS, except for sample AG-9, AG-12, AG-14, AG-23, AG-27, AG-33, AG-34, AG-35 and AG-39 which were found to be in the range of 60 – 180 mg/L(Figure-4.4). The minimum concentration is 2 mg/L at sample code AG-18 and maximum concentration is 89.8 mg/L at AG-35.

Sulphate (SO₄²-): The Sulphate (SO₄²-) concentration was within permissible limit for all the samples (Figure-4.5). The minimum concentration is 16.5 mg/L at sample code AG-31 and maximum concentration is 0.6 mg/L at AG-43.

Fluoride(**F**-): The concentration of fluoride (**F**-) in all the sample were found to be well within the permissible and acceptable limit of BIS. exceptfor samples AS-1, AG-10, AG-37 and AG-

38 which were found to be 2 mg/l (Figure 4.6). The minimum concentration is 0.1 mg/L at sample code AG-2 and maximum concentration is 2.3 mg/L at AG-10.

The parameters namely pH, TDS,Total Alkalinity, Calcium (Ca^{2+}) , Magnesium (Mg^{2+}) ,Sulphate (SO_4^{2-}) and Chloride (Cl^{-}) concentrations of all the samples were found to be within the permissible and acceptable limits of BIS.

Table 4.7: Physico-chemical parameters in post-monsoon (December 2020)

Sr. No	Sample Code	рН	EC	TDS	Turbidity	Total alkalinity as CaCO ₃	Total Hardness as CaCO ₃	Calcium as Ca ²⁺	Magnesium Mg ²	Chloride as CI-	Sulphate as SO ₄ ²⁻	Nitrate NO ³⁻	Phosphate as PO ₄₋₂	Sodium as Na ⁺	Potassium as K ⁺	Fluoride as F ⁻
Units		-	μS/cm	mg/L	NTU					m	g/L					
(Accept	00:2012 able/ sible limit)	6.5- 8.5	-	500- 2000	1-5	200-600	200- 600	75-200	30-100	250- 1000	200- 400	45	-	-	-	1.0- 1.5
1	AG-2	7.2	135	81	<u>7.4</u>	80	70	20	4.8	5	1.7	5.2	0.3	15.2	4.2	0.1
2	AG-3	7.6	667	400	0.4	240	250	20	48	50	2.3	12	1.1	68.2	2.8	0.7
3	AG-4	7.2	584	351	0.3	260	250	36	38.4	60	2.5	13.4	0.9	73.4	4.1	1.1
4	AG-5	7.2	1240	744	0.4	370	360	16	76.8	90	13.2	11	0.9	115	9.3	0.4
5	AG-6	7.1	492	295	<u>23</u>	80	140	48	4.8	105	2.9	23	ND	72.5	5.2	0.4
6	AG-7	7.1	718	431	0.4	170	300	48	43.2	95	1.9	34.6	0.8	49	6.6	0.2
7	AG-8	7.5	586	352	0.2	200	220	40	28.8	65	3.1	20.6	0.6	72.4	6.5	0.2
8	AG-9	6.4	982	589	0.1	210	310	20	62.4	105	2.6	<u>45.3</u>	0.4	79.3	6.7	0.3
9	AG-10	8.3	1463	878	0.3	530	140	28	16.8	130	3.2	16.9	0.9	350	4.8	2.3
10	AG-11	7.5	643	374	0.5	290	230	40	31.2	25	2.3	19.6	1	88	3.4	1.2
11	AG-12	7.2	1088	639	0.3	270	370	32	69.6	105	9.8	<u>63</u>	0.7	103	3.2	0.3

Sr. No	Sample Code	рН	EC	TDS	Turbidity	Total alkalinity as CaCO ₃	Total Hardness as CaCO ₃	Calcium as Ca ²⁺	Magnesium Mg ²	Chloride as CI-	Sulphate as SO4 ²⁻	Nitrate NO ³⁻	Phosphate as PO ₄₋₂	Sodium as Na ⁺	Potassium as K ⁺	Fluoride as F
Units		-	μS/cm	mg/L	NTU					m	g/L					
(Accept	500:2012 table/ sible limit)	6.5- 8.5	-	500- 2000	1-5	200-600	200- 600	75-200	30-100	250- 1000	200- 400	45	-	-	-	1.0- 1.5
12	AG-13	7.6	1114	669	0.4	390	460	44	84	120	7.7	29	0.8	150	3.9	1
13	AG-14	7	1524	915	10	280	480	60	79.2	275	5.8	78.9	1.1	118	15.4	0.3
14	AG-15	7.6	162	97	0.7	100	90	24	7.2	10	1.4	7	0.9	24.3	3.0	0.2
15	AG-15	7.2	702	421	20	310	230	20	43.2	70	1.7	4.3	0.7	124	8.7	0.5
16	AG-17	7.8	318	191	19	160	130	12	24.0	15	2.1	5.5	0.8	42.3	4.0	0.3
17	AG-18	7.3	453	272	84	210	170	20	28.8	25	0.8	2	0.8	60.9	3.9	0.4
18	AG-19	7.6	488	293	0.9	210	150	16	26.4	25	2.1	7.9	1.1	71.6	4.8	0.2
19	AG-20	7.4	730	438	0.9	200	150	24	21.6	30	2.5	28	0.5	80.4	5.6	0.5
20	AG-21	7.6	827	496	0.4	170	230	48	26.4	135	2.7	19.9	0.3	109	5.2	0.4
21	AG-22	7	656	394	0.6	220	200	16	38.4	92	4.6	4.1	0.3	111	2.3	0.5
22	AG-23	7.2	1158	695	4.5	250	410	76	52.8	180	6.8	53.6	0.8	91.8	5.6	0.4
23	AG-24	7.7	172	103	2.6	80	90	20	9.6	10	2.2	4.3	0.7	13.2	3.5	0.2

Sr. No	Sample Code	рН	EC	TDS	Turbidity	Total alkalinity as CaCO ₃	Total Hardness as CaCO ₃	Calcium as Ca ²⁺	Magnesium Mg ²	Chloride as CI-	Sulphate as SO4 ²⁻	Nitrate NO ³⁻	Phosphate as PO ₄₋₂	Sodium as Na ⁺	Potassium as K ⁺	Fluoride as F
Units		-	μS/cm	mg/L	NTU					m	g/L					
(Accept	500:2012 :able/ sible limit)	6.5- 8.5	-	500- 2000	1-5	200-600	200- 600	75-200	30-100	250- 1000	200- 400	45	-	-	-	1.0- 1.5
24	AG-25	7.1	1351	811	1.7	290	220	44	26.4	190	8.9	30.9	0.3	185	5.3	0.5
25	AG-26	7.5	595	357	0.7	210	260	28	45.6	75	2.6	18.2	0.4	65.3	4.8	0.4
2	AG-27	7.1	1665	999	1.7	370	400	40	72	225	9.6	65.9	0.7	187	100	0.7
28	AG-28	7.5	502	301	20	200	140	16	24	35	4.3	4.8	0.7	77.0	9.5	0.3
29	AG-29	7.3	905	543	7.4	220	250	32	40.8	160	5.9	35.2	ND	64.7	9.6	0.3
30	AG-30	7.4	650	309	0.2	200	198	16	37.9	75	4.2	2.8	0.1	86.4	2.7	0.5
31	AG-31	6.9	815	489	0.5	260	340	40	57.6	60	16.5	16.4	0.6	55.4	4.3	0.2
32	AG-32	7.3	696	418	42	320	220	20	40.8	35	1.2	5.1	0.4	82.8	14.5	0.3
33	AG-33	6.7	1410	846	4.4	220	410	80	50.4	255	6.4	52.5	0.2	147	3.5	0.5
34	AG-34	7.3	1033	620	0.5	270	320	16	67.2	135	2.1	53.4	0.7	136	6.6	0.5
35	AG-35	7.1	2190	1303	4.7	360	880	80	163	425	12.5	89.8	1.1	192	3.9	0.5
36	AG-36	7.8	289	173	0.4	110	90	16	12	30	1.7	2.8	0.3	45.6	3.8	0.2

Sr. No	Sample Code	рН	EC	TDS	Turbidity	Total alkalinity as CaCO ₃	Total Hardness as CaCO ₃	Calcium as Ca ²⁺	Magnesium Mg ²	Chloride as CI-	Sulphate as SO4 ²⁻	Nitrate NO ³⁻	Phosphate as PO ₄₋₂	Sodium as Na ⁺	Potassium as K ⁺	Fluoride as F
Units		-	μS/cm	mg/L	NTU					m	g/L					
(Accept	500:2012 :able/ sible limit)	6.5- 8.5	-	500- 2000	1-5	200-600	200- 600	75-200	30-100	250- 1000	200- 400	45	-	-	-	1.0- 1.5
37	AG-37	7.5	624	375	0.2	380	180	20	31.2	25	1.7	3.4	0.9	141	11.6	1.8
38	AG-38	7.4	869	521	1.2	290	160	24	24	95	4.3	2	1.2	170	3.5	1.6
39	AG-39	7	1879	1127	3.7	320	330	56	45.6	330	9.1	65.8	0.6	252	3.8	0.8
40	AG-40	7.8	444	267	0.4	190	140	20	21.6	25	1.9	3.8	1.2	64.3	2.9	0.5
41	AG-41	7.5	738	443	0.5	360	270	28	48.0	30	1.0	3.7	0.4	102	5.1	0.4
42	AG-42	7.4	774	464	1.3	380	260	20	50.4	60	2.1	9.1	1.3	146	8.6	0.6
43	AG-43	7.4	458	275	3.5	250	210	32	31.2	20	0.6	2.4	0.8	59.1	2.9	0.5
44	AG-44	6.9	878	527	32	230	300	40	48.0	130	4.6	38.3	1.1	115	3.3	0.5
45	AG-45	7.1	709	425	2.1	310	250	32	40.8	60	1.5	3.1	1.4	91.7	5.9	0.3
46	AG-46	7.7	621	373	0.2	310	220	24	38.4	35	1.8	8.4	1.4	105	2.5	0.8
47	AG-47	7.6	276	166	0.4	120	120	24	14.4	10	1.6	8.9	0.8	16.5	4.3	0.2
48	AG-48	7.2	250	150	0.2	120	108	16	16.3	20	0.8	11.8	1.4	38.2	2.9	0.4

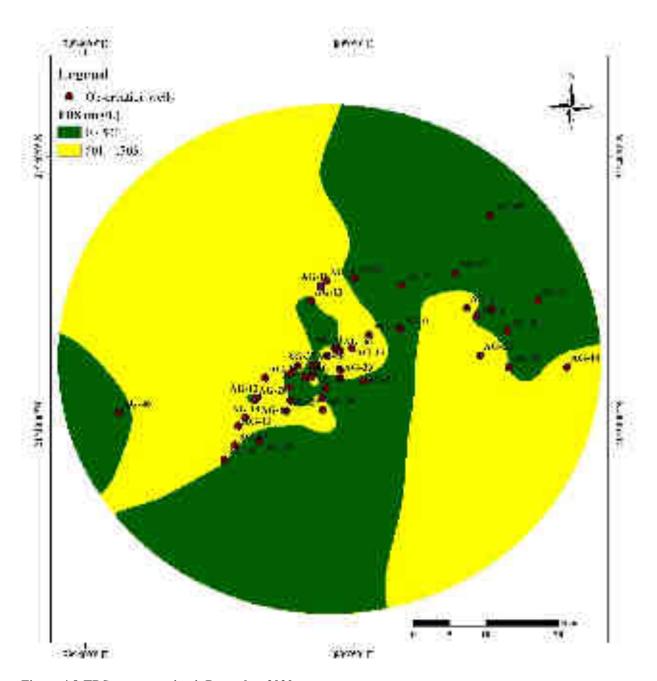


Figure 4.8:TDS concentration inDecember 2020

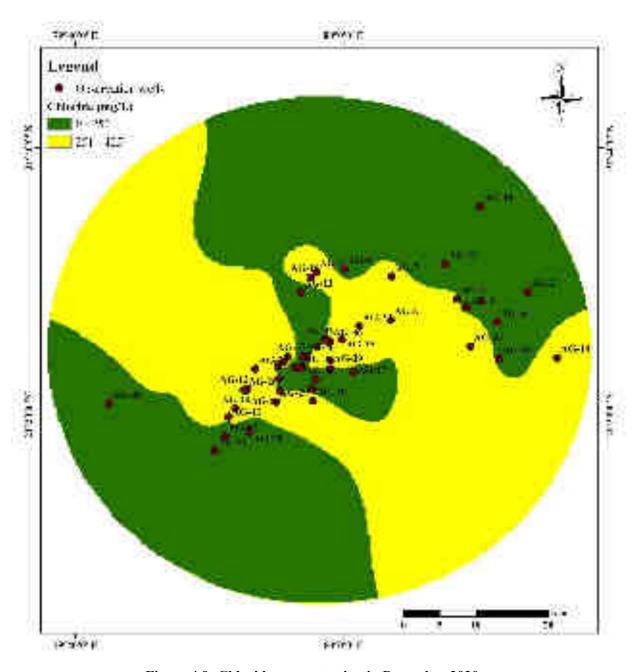


Figure 4.9: Chloride concentration in December 2020

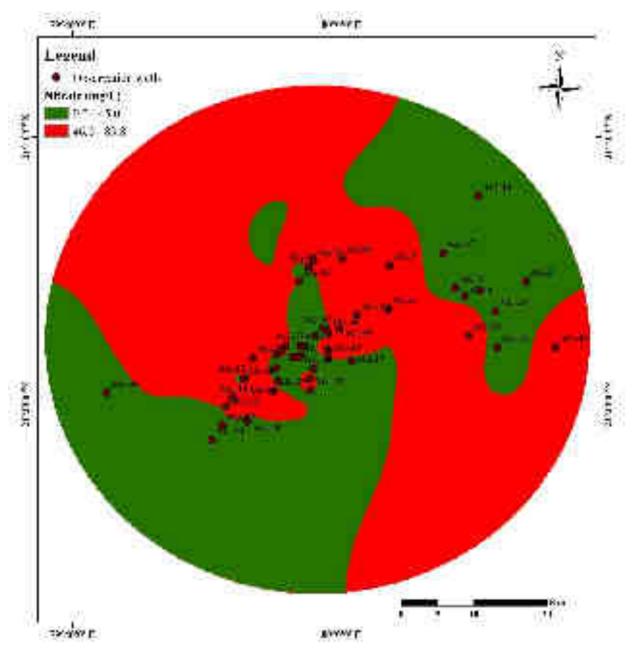


Figure 4.10: Nitrate concentration in December 2020

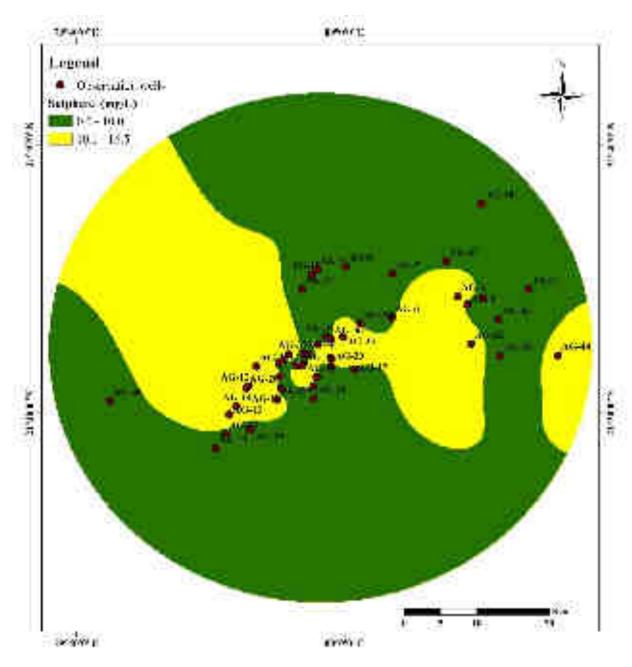


Figure 4.11: Sulphate concentration in December 2020

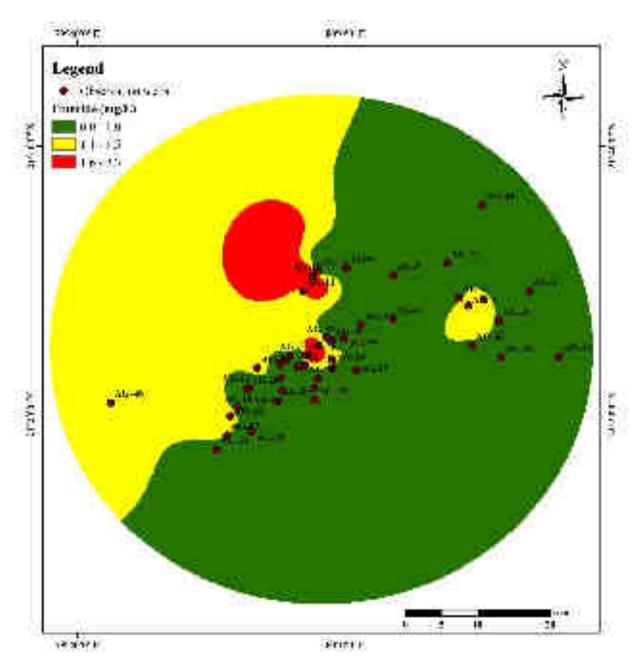


Figure 4.12: Fluoride concentration in December 2020

Heavy metal parameters

The Heavy metal analysis of water samples in post-monsoon(December 2020) season are mentioned in the **Table-4.8**.

The concentration of heavy metals Ba, Co, Cd, Cr, Cu, Ni, Pb, Zn and Hg were all found to be well within the permissible and acceptable limit of BIS.

The concentration of As in all the samples were found to be within the permissible and acceptable limits of BIS except samples AG-18 and AG-25. The minimum concentration is 0.01 ppm at sample code AG-2, AG-4, AG-6, AG-7, AG-10, AG-16, AG-19, AG-21, AG-26, AG-41 and maximum concentration is 0.1 ppm at AG-17.

The concentration of Al in all the samples were found to be within the permissible and acceptable limit of BIS, except for samples AG-2 and AG-6. The minimum concentration is 0.01 ppm at sample code AG-3, AG-5, AG-7, AG-8, AG-21, AG-40, AG-48 and maximum concentration is 0.2 ppm at AG-43.

The concentration of Mn in all the samples were found to be within the permissible and acceptable limits of BIS except samples AG-2 and AG-6 which were found to be 0.4 and 0.5ppm respectively.

The concentration of Iron (Fe-) were found to be within the permissible limit of BIS, except for sample AG-6. The minimum concentration is 0.003ppm at sample code AG-48 and maximum concentration is 5.2 ppm at AG-6.

Table-4.8: Heavy Metal parameters in Post-monsoon (December 2020)

Sr. No	Sample code	As	Al	Ba	Co	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS Limi	t (ppm)	0.01	0.03-0.2	0.7	-	0.003	0.05	0.05-1.5	1.0	0.10-0.3	0.02	0.01	5.0-15	0.001
ICP detection (ppm)	ction Limit	0.007	0.00001	0.0001	-	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000001
1	AS-1	<u>0.1</u>	<u>5.4</u>	0.2	0.003	0.0002	BDL	0.02	0.5	0.1	ND	BDL	0.1	0.4
2	AG-2	0.01	<u>0.5</u>	0.02	0.0003	0.0001	BDL	0.1	0.1	<u>0.4</u>	ND	BDL	0.1	ND
3	AG-3	BDL	0.01	0.1	0.0005	BDL	BDL	0.005	0.01	0.1	ND	BDL	0.005	ND
4	AG-4	0.01	0.1	0.04	0.0009	BDL	BDL	0.05	0.02	0.1	ND	BDL	0.02	ND
5	AG-5	BDL	0.01	0.03	ND	BDL	BDL	0.01	0.005	0.03	ND	BDL	0.01	ND
6	AG-6	0.01	<u>0.6</u>	ND	0.005	0.001	BDL	0.1	<u>5.2</u>	<u>0.5</u>	ND	BDL	1.9	ND
7	AG-7	0.01	0.01	0.1	0.0007	0.0001	BDL	0.004	0.1	0.1	ND	BDL	0.07	ND
8	AG-8	BDL	0.01	0.05	0.0005	BDL	BDL	0.01	0.01	0.1	ND	BDL	0.02	ND
9	AG-9	BDL	0.04	0.3	0.002	BDL	BDL	0.01	0.03	0.2	ND	BDL	0.05	ND
10	AG-10	0.01	0.05	0.02	0.001	BDL	BDL	0.005	0.04	0.04	ND	BDL	0.01	ND
11	AG-11	BDL	0.04	0.01	ND	BDL	BDL	0.02	0.02	0.1	ND	BDL	0.02	ND
12	AG-12	BDL	0.01	0.01	0.008	0.001	BDL	0.01	0.01	0.1	ND	BDL	0.01	ND
13	AG-13	BDL	0.04	0.01	0.001	BDL	BDL	0.01	0.02	0.1	ND	BDL	0.01	ND
14	AG-14	BDL	0.02	0.04	0.001	BDL	BDL	ND	0.01	0.1	ND	BDL	0.01	ND

Sr. No	Sample code	As	Al	Ba	Со	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS Limi	t (ppm)	0.01	0.03-0.2	0.7	-	0.003	0.05	0.05-1.5	1.0	0.10-0.3	0.02	0.01	5.0-15	0.001
	ction Limit	0.007	0.00001	0.0001	-	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.00000 1
15	AG-15	BDL	0.1	0.02	ND	0.0001	BDL	0.001	0.01	0.1	ND	BDL	0.1	ND
16	AG-16	0.01	0.04	0.04	0.001	0.0003	BDL	0.002	0.02	0.1	ND	BDL	0.2	ND
17	AG-17	BDL	0.1	0.03	0.001	0.0001	BDL	0.005	0.03	0.2	ND	BDL	0.2	ND
18	AG-18	0.02	0.02	ND	0.001	0.0001	BDL	ND	0.02	0.1	ND	BDL	0.04	ND
19	AG-19	0.01	0.02	ND	0.002	0.0001	BDL	0.001	0.01	0.02	ND	BDL	0.01	ND
20	AG-20	BDL	0.02	ND	0.001	BDL	BDL	ND	0.01	0.03	ND	BDL	0.005	ND
21	AG-21	0.01	0.01	ND	0.0003	0.0001	BDL	0.004	0.01	0.03	ND	BDL	0.01	ND
22	AG-22	BDL	0.02	ND	0.001	0.0001	BDL	ND	0.01	0.02	ND	BDL	0.002	ND
23	AG-23	0.01	0.02	ND	ND	0.0002	BDL	0.002	0.01	0.06	ND	BDL	0.01	ND
24	AG-24	0.01	0.03	ND	0.002	0.0001	BDL	ND	0.005	0.04	ND	BDL	0.02	ND
25	AG-25	0.02	0.03	0.02	0.001	0.0002	BDL	BDL	0.01	0.2	ND	BDL	0.05	ND
26	AG-26	0.01	0.03	ND	0.001	0.0002	BDL	ND	0.005	0.04	ND	BDL	0.01	0.8
27	AG-27	BDL	0.02	ND	0.001	0.0001	BDL	ND	0.004	0.01	ND	BDL	0.006	ND
28	AG-28	BDL	0.03	ND	0.001	0.0001	BDL	BDL	0.01	0.06	ND	BDL	0.001	ND
29	AG-29	BDL	0.04	ND	0.001	0.0001	BDL	ND	0.01	0.1	ND	BDL	0.001	ND

Sr. No	Sample code	As	Al	Ba	Со	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS Limit		0.01	0.03-0.2	0.7	-	0.003	0.05	0.05-1.5	1.0	0.10-0.3	0.02	0.01	5.0-15	0.001
ICP detect (ppm)	tion Limit	0.007	0.00001	0.0001	-	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.00000
30	AG-30	BDL	0.04	ND	0.001	0.0002	BDL	0.006	0.01	0.1	ND	BDL	0.03	ND
31	AG-31	BDL	0.03	ND	0.002	0.0002	BDL	ND	0.01	0.05	ND	BDL	0.01	ND
32	AG-32	ND	0.03	ND	0.001	0.0002	BDL	0.002	0.01	0.1	ND	BDL	0.02	ND
33	AG-33	BDL	0.03	ND	0.001	0.0001	BDL	ND	0.01	0.1	ND	BDL	0.01	ND
34	AG-34	BDL	0.03	ND	0.002	0.0002	BDL	ND	0.01	0.1	ND	BDL	0.01	ND
35	AG-35	BDL	0.03	ND	0.0002	0.0002	BDL	ND	0.01	0.1	ND	BDL	0.003	ND
36	AG-36	BDL	0.03	ND	0.001	0.0002	BDL	0.002	0.01	0.1	ND	BDL	0.005	0.004
37	AG-37	BDL	0.05	ND	0.001	0.0002	BDL	ND	0.004	0.01	ND	BDL	ND	ND
38	AG-38	BDL	0.05	ND	0.001	0.0001	BDL	ND	0.01	0.01	ND	BDL	0.002	ND
39	AG-39	BDL	0.06	ND	0.002	0.0002	BDL	ND	0.01	0.02	ND	BDL	0.003	ND
40	AG-40	BDL	0.01	ND	0.001	0.0001	BDL	0.003	0.01	0.1	ND	BDL	0.003	ND
41	AG-41	0.01	0.04	ND	0.001	0.0002	BDL	ND	0.01	0.03	ND	BDL	0.001	ND
42	AG-42	BDL	0.02	ND	0.001	0.0002	BDL	0.004	0.01	0.05	ND	BDL	0.003	ND
43	AG-43	BDL	0.2	ND	0.001	0.0003	BDL	0.004	0.02	ND	ND	BDL	0.5	ND
44	AG-44	BDL	0.02	0.1	0.0004	0.0003	BDL	ND	0.01	0.3	ND	BDL	0.4	ND
45	AG-45	BDL	0.02	ND	0.001	0.0003	BDL	ND	0.004	ND	ND	BDL	0.1	ND
46	AG-46	ND	0.02	ND	0.001	0.0002	BDL	ND	0.01	ND	ND	BDL	0.03	ND

Sr. No	Sample code	As	Al	Ba	Со	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS Limit	(ppm)	0.01	0.03-0.2	0.7	-	0.003	0.05	0.05-1.5	1.0	0.10-0.3	0.02	0.01	5.0-15	0.001
ICP detect (ppm)	ICP detection Limit (ppm)		0.00001	0.0001	ı	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000001
47	AG-47	BDL	0.03	ND	0.001	0.0002	BDL	ND	0.01	0.1	ND	BDL	0.02	ND
48	AG-48	BDL	0.01	ND	0.0003	0.0002	BDL	ND	0.003	0.1	ND	BDL	0.04	ND

4.2.4 Pre-monsoon Season (June 2021)

Physico-chemical Parameters

The results of physico chemical parameters forgroundwater samples collected in pre-monsoon season (June 2021) are mentioned in (**Table 4.9**).

pH: The pH of the samples were found in between 6.6 (AG-9, AG-47) to 8.4 (AG-10) all the samples were within the permissible range (6.5-8.5) as per BIS standards (10500:2012).

Turbidity: The Turbidity for all the samples was found to be within the permissible limit as perBIS (10500:2012) except samples, AG-2 (7 NTU), AG-6 (123 NTU), AG-14 (6 NTU), AG-16 (9 NTU), AG-17 (16 NTU), AG-18 (18 NTU), AG-26 (20 NTU), AG-27 (15 NTU), AG-28 (25 NTU), AG-29 (14 NTU), AG-31 (6 NTU), AG-32 (31 NTU), AG-33 (23 NTU), AG-42 (50 NTU), AG-43 (27 NTU), AG-44 (10 NTU), AG-46 (13 NTU), AG-47 (13 NTU) & AG-49 (8 NTU).

Magnesium: Magnesium concentration for all the samples were found to be within the permissible limit except sample AG-35 (132 Mg/L) was found to above the permissible and acceptable limit of BIS (10500:2012).

Nitrate: The concentration of Nitrate were found to be within the permissible limit of BIS (10500:2012), except for samples AG-7 (58 Mg/L), AG-9 (45.3 Mg/L), AG-14 (148 Mg/L), AG-20 (52 Mg/L), AG-23 (87 Mg/L), AG-27 (63 Mg/L), AG-29 (92 Mg/L), AG-33 (81 Mg/L), AG-34 (106 Mg/L), AG-35 (187 Mg/L) and AG-39 (167 Mg/L).

Fluoride:The concentration of Fluoride for all the samples were found to be within the permissible limitexcept samples AG-10 (2.7 Mg/L), AG-13 (1.6 Mg/L) and AG-38 (1.8 Mg/L)were found exceeding permissible limit as perBIS (10500:2012).

The physic-chemical parameters viz TDS, calcium, Total Hardness, Total alkalinity, sulphate, Phosphate and Chlorides were found to be within the permissible limits of BIS (10500:2012).

Table 4.9: Physico-chemical parameters in pre-monsoon (June 2021)

Sr. No	Sample Code	рН	EC	TDS	Turbidity	Total alkalinity as CaCO,	Total Hardness	Calcium as Ca ²⁺	Magnesiu m Mg ²⁺	Chloride as Cl	Sulphate as SO ₄ 2-	Nitrate NO ³⁻	Phosphate as PO ₄₋₂	Sodium as Na ⁺	Potassium as K ⁺	Fluoride as F-
U	nits	-	μS/cm	mg/L	NTU						mg/L					
(Acce Pern	500:2012 eptable/ nissible mit)	6.5- 8.5	_	500- 2000	1-5	200- 600	200- 600	75- 200	30- 100	250- 1000	200- 400	45	-	-	-	1.0- 1.5
1	AG-2	7	164	98	7	80	100	16	14	10	14	2.8	0.5	12	5.4	0.2
2	AG-3	7.4	687	412	2	280	150	20	24	50	19	5.4	1.5	88	4.1	0.8
3	AG-4	7.1	713	428	1	320	200	20	36	30	32	3.5	1	77	3.9	0.9
4	AG-5	7	1135	681	0.5	350	310	24	60	70	253	5.6	1	118	12	0.4
5	AG-6	7.2	1082	649	<u>123</u>	220	260	16	53	125	18	1.1	0.2	82	5.7	1.2
6	AG-7	7.5	640	384	2	180	200	12	41	70	32	<u>58</u>	0.9	43	7.5	0.3
7	AG-8	7.5	648	389	4	260	200	16	38	35	24	19	0.8	71	7.9	0.3
8	AG-9	6.6	961	577	0.6	180	300	20	60	140	55	<u>118</u>	0.5	77	7.9	0.3
9	AG-10	8.4	1481	889	3	580	110	8	22	125	47	1.2	1	334	6.3	<u>2.7</u>
10	AG-11	7.7	670	402	0.8	290	170	20	29	30	31	17	1.1	99	4.9	1.3
11	AG-12	7.4	686	412	4	300	200	20	36	25	60	5.3	0.9	60	3.5	0.4

12	AG-13	8.3	1001	601	1	470	170	12	34	50	46	4.5	0.8	216	10	<u>1.6</u>
13	AG-14	7.4	1417	850	<u>6</u>	290	440	20	94	215	88	<u>148</u>	1.3	103	16	0.4
14	AG-15	8	211	127	0.9	100	90	12	14	20	12	2.4	1.1	35	5.3	0.3
15	AG-16	7.8	705	423	9	290	240	12	50	75	ND	4.4	0.9	108	9.7	0.6
16	AG-17	7.8	445	267	<u>16</u>	200	180	20	31	20	15	2.4	0.9	50	4.2	0.6
17	AG-18	7.8	486	292	<u>18</u>	230	170	16	31	20	ND	2.3	0.9	62	5.2	0.6
18	AG-19	8.2	462	277	0.6	210	150	12	29	10	ND	5.6	1.2	58	4.4	0.3
19	AG-20	7.7	861	517	0.8	260	330	12	72	95	ND	<u>52</u>	0.7	82	21	0.4
20	AG-21	8.1	878	527	3	230	220	16	43	135	ND	8.1	0.5	136	7.1	0.5
21	AG-22	7.6	676	405	2	230	110	12	19	50	20	5.2	0.4	79	3.1	0.6
22	AG-23	7.3	1396	837	5	240	460	28	94	220	ND	<u>87</u>	0.9	101	6.2	0.4
23	AG-24	7.6	427	256	2	130	160	8	34	25	32	4.2	0.8	34	7.5	0.2
24	AG-25	7.3	1578	947	4	260	300	24	58	250	15	42	0.4	181	10	0.5
25	AG-26	7.7	611	367	<u>20</u>	190	200	12	41	65	3	26	0.6	57	5.4	0.4
26	AG-27	8.2	1056	634	<u>15</u>	260	280	8	62	132	41	<u>63</u>	0.8	120	77	0.6
27	AG-28	7.7	421	253	<u>25</u>	170	140	12	26	20	13	2.4	0.9	46	11	0.3
28	AG-29	7.7	940	564	<u>14</u>	220	270	8	60	95	26	<u>92</u>	0.2	47	5.1	0.4
29	AG-30	7.6	810	486	3	230	220	12	46	75	18	5.5	0.3	90	2.9	0.6
30	AG-31	7	1039	624	<u>6</u>	200	360	16	77	70	310	10	0.7	92	5.9	0.2
31	AG-32	7.3	762	451	<u>31</u>	340	160	20	26	25	18	2.1	0.6	75	14	0.3

	AG-33	7.1	1282	769	22	280	350	12	77	185	112	01	0.3	121	5.6	1.1
32	AG-33	7.1	1202	709	<u>23</u>	200	330	12	/ /	163	112	<u>81</u>	0.3	121	3.0	1.1
33	AG-34	7.5	988	593	0.4	280	270	16	55	105	40	<u>106</u>	0.8	100	8.4	0.5
34	AG-35	7.4	2120	1272	1	410	600	20	132	360	124	<u>187</u>	1.4	164	4.4	0.6
35	AG-37	7.8	286	172	0.7	130	150	12	29	25	15	4.7	1	33	4.6	0.3
36	AG-38	7.6	907	544	0.7	280	160	12	31	85	51	37	1.1	143	3.7	<u>1.8</u>
37	AG-39	7.2	1829	1097	0.5	300	310	12	67	290	116	<u>167</u>	0.8	230	3.6	1
38	AG-40	7.9	409	245	2	180	100	16	14	20	16	2.2	1.3	60	3.1	0.6
39	AG-41	7.4	709	425	0.8	310	160	16	29	35	18	1.7	0.5	100	6.2	0.5
40	AG-42	7.5	798	479	<u>50</u>	340	200	8	43	40	20	2	1.6	122	8.8	0.5
41	AG-43	7.4	511	307	<u>27</u>	260	140	20	22	10	5	0.5	1	53	2.8	0.6
42	AG-44	7.3	634	380	<u>10</u>	190	130	16	22	60	61	42	1.3	88	2.8	0.6
43	AG-45	7.2	722	433	0.5	300	150	12	29	40	22	1.1	1.7	72	4.9	0.4
44	AG-46	7.5	619	372	<u>13</u>	310	150	12	29	15	34	2.3	1.5	104	3.4	1.1
45	AG-47	6.6	364	218	<u>13</u>	160	130	12	24	15	9	0.1	0.9	26	3.9	0.4
46	AG-48	7.2	277	166	2	110	90	12	14	20	6	10	1.5	38	2.9	0.5
47	AG-49	7.2	239	143	<u>8</u>	110	90	16	12	10	1	4	1.2	25	5	0.6
48	AG-50	7.5	701	420	1	300	240	16	48	30	16	5.5	1.3	72	9.4	0.5
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Results mentioned in Table as **Bold and underlined** are above BIS 10500-2012 Permissible limits ND- Not Detected

Heavy Metal Concentration:

The Heavy metal analysis of water samples in pre-monsoon(June 2021) season are mentioned in the **Table-4.10.**

The Arsenic concentration in all the samples was within the permissible limit of BIS standard except for sample AG-25 (0.02 Mg/L). The Aluminium concentration in all the samples was within the permissible limit of BIS standard except for sample AG-2 (0.3 Mg/L), AG-6 (0.3 Mg/L) & AG-20 (0.3 Mg/L). The Iron concentration in all the samples was within permissible limit except for sample AG-6 (3.8 Mg/L). Manganese concentration was within permissible limit except samples AG-3 (0.06 Mg/L) & AG-6 (0.4 Mg/L). The Nickel concentration was Not Detected (ND) in all samples except AG-3 (0.06). The other heavy metals Cobalt (Co), Barium (Ba), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Zinc (Zn) and Mercury (Hg) were either within permissible limit as per BIS (10500:2012), Below detection Level (BDL) or Not Detected (ND).

 Table 4.10: Heavy Metal Concentration in Pre-monsoon (June 2021)

Sr. No	Sample code	As	Al	Ba	Со	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS Limi	it (mg/L)	0.01	0.03-0.2	0.7	-	0.003	0.05	0.05-1.5	1.0	0.10-0.3	0.02	0.01	5.0-15	0.001
ICP dete		0.007	0.00001	0.0001	-	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000001
1	AG-2	0.01	0.3	0.1	0.001	0.001	BDL	0.02	0.3	0.5	ND	BDL	0.2	ND
2	AG-3	BDL	0.2	0.1	0.001	ND	BDL	0.02	0.3	0.1	<u>0.06</u>	BDL	0.2	ND
3	AG-4	BDL	0.06	0.1	ND	ND	BDL	0.02	0.7	0.09	BDL	BDL	0.09	ND
4	AG-5	BDL	0.2	0.3	ND	ND	BDL	0.01	0.4	0.04	ND	BDL	0.05	ND
5	AG-6	BDL	0.3	0.3	0.003	ND	0.04	0.2	3.8	0.4	BDL	0.01	2.8	ND
6	AG-7	BDL	0.08	0.4	ND	ND	BDL	0.02	0.9	0.04	ND	BDL	0.3	ND
7	AG-8	BDL	0.2	0.5	0.001	ND	BDL	0.03	0.6	0.04	ND	BDL	0.3	ND
8	AG-9	BDL	0.03	0.7	0.001	ND	BDL	0.02	0.3	0.05	ND	BDL	0.1	ND
9	AG-10	BDL	0.1	0.4	ND	ND	BDL	0.008	0.07	0.08	ND	BDL	0.06	ND
10	AG-11	BDL	0.05	0.3	ND	ND	ND	0.007	0.07	0.06	ND	BDL	0.4	ND
11	AG-12	BDL	0.06	0.1	ND	ND	ND	0.01	0.3	0.06	ND	BDL	0.1	ND
12	AG-13	0.007	0.2	0.4	ND	ND	ND	0.02	0.2	0.07	ND	BDL	0.1	ND
13	AG-14	BDL	0.03	0.5	ND	ND	BDL	0.1	0.8	0.1	ND	BDL	0.3	ND
14	AG-15	0.007	0.03	0.2	ND	ND	BDL	0.04	0.4	0.07	ND	BDL	0.1	ND
15	AG-16	BDL	0.2	0.1	ND	ND	BDL	0.01	0.6	0.06	ND	BDL	0.1	ND
16	AG-17	0.009	0.04	0.08	ND	ND	BDL	0.01	0.3	0.07	ND	BDL	0.08	ND
17	AG-18	0.01	0.2	0.06	ND	ND	BDL	0.008	0.4	0.3	ND	BDL	0.3	ND

18	AG-19	BDL	0.06	0.2	ND	0.001	BDL	0.05	0.4	0.08	ND	BDL	1.8	ND
19	AG-20	ND	0.3	0.5	ND	ND	BDL	0.02	1	0.06	ND	BDL	0.5	ND
20	AG-21	BDL	0.03	0.2	ND	ND	BDL	0.01	0.7	0.04	ND	BDL	0.2	ND
21	AG-22	BDL	0.05	0.1	ND	ND	BDL	0.009	0.3	0.09	ND	BDL	0.06	ND
22	AG-23	BDL	0.2	0.4	ND	ND	BDL	0.01	0.2	0.08	ND	BDL	0.2	ND
23	AG-24	BDL	0.03	0.2	ND	ND	BDL	0.009	0.6	0.3	ND	BDL	0.2	ND
24	AG-25	0.02	0.2	0.4	ND	ND	BDL	0.02	0.8	0.05	ND	BDL	0.3	ND
25	AG-26	BDL	0.07	0.2	ND	ND	BDL	0.02	0.9	0.04	ND	BDL	0.09	ND
26	AG-27	BDL	0.09	0.2	0.001	ND	ND	0.009	0.6	0.05	ND	BDL	0.06	ND
27	AG-28	BDL	0.04	0.4	ND	ND	BDL	0.05	0.2	0.3	ND	BDL	0.4	ND
28	AG-29	BDL	0.03	0.2	ND	ND	BDL	0.03	0.7	0.2	ND	BDL	1.3	ND
29	AG-30	BDL	0.04	0.2	0.001	ND	BDL	0.02	0.6	0.3	ND	BDL	0.3	ND
30	AG-31	BDL	0.2	0.2	0.003	0.002	BDL	0.03	0.9	0.1	ND	0.009	0.2	ND
31	AG-32	ND	0.03	0.5	0.002	ND	BDL	0.04	0.4	0.2	ND	BDL	0.5	ND
32	AG-33	ND	0.08	0.3	0.002	ND	BDL	0.02	0.2	0.1	ND	BDL	0.8	ND
33	AG-34	0.008	0.1	0.3	ND	ND	BDL	0.02	0.4	0.3	ND	BDL	0.4	ND
34	AG-35	BDL	0.2	0.1	ND	ND	BDL	0.02	0.6	0.1	ND	BDL	2.8	ND
35	AG-37	ND	0.04	0.1	ND	ND	BDL	0.04	0.4	0.04	ND	BDL	0.6	ND
36	AG-38	ND	0.06	0.1	ND	ND	BDL	0.02	0.7	0.2	ND	BDL	0.3	ND
37	AG-39	ND	0.2	0.3	ND	ND	ND	0.01	0.4	0.1	ND	BDL	0.5	ND
38	AG-40	BDL	0.07	0.2	ND	ND	ND	0.005	0.6	0.03	ND	BDL	0.2	ND

39	AG-41	BDL	0.2	0.2	0.001	ND	BDL	0.007	0.2	0.06	ND	BDL	0.1	ND
40	AG-42	ND	0.2	0.4	ND	ND	BDL	0.01	0.3	0.2	ND	BDL	0.3	ND
41	AG-43	ND	0.2	ND	0.001	ND	ND	0.003	0.02	0.03	ND	BDL	1.8	ND
42	AG-44	ND	0.1	ND	ND	ND	ND	0.008	0.03	0.04	ND	BDL	0.5	ND
43	AG-45	ND	0.05	ND	ND	ND	ND	ND	0.1	0.005	ND	0.03	0.2	ND
44	AG-46	ND	0.06	ND	ND	ND	ND	ND	0.04	0.001	ND	BDL	0.1	ND
45	AG-47	ND	0.04	ND	ND	ND	ND	0.001	0.1	0.009	ND	BDL	0.1	ND
46	AG-48	ND	0.04	ND	ND	ND	ND	ND	0.005	ND	ND	BDL	0.06	ND
47	AG-49	ND	0.1	ND	0.002	ND	ND	0.002	0.004	ND	ND	BDL	0.2	ND
48	AG-50	ND	0.09	0.4	ND	ND	BDL	0.02	0.4	0.2	ND	BDL	0.2	ND

Results mentioned in Table as <u>Bold and underlined</u> are above BIS 10500-2012 Permissible limits BDL-Below Detection Limit; ND- Not Detected

4.3 Supernatant water Quality:

4.3.1 Physico-chemical Parameters:

The physico-chemical results of supernatant water sample (AS) collected from ash dyke taken in the month of November 2019, December 2020 and June 2021 are given in **Table 4.11** respectively.

November 2019

The physico-chemical results of supernatant water samples was found pH (8.1), TDS (527 mg/L), Turbidity (12 NTU), Total Hardness (200 mg/L), Total Alkalinity (188 mg/L)Fluoride (1 mg/L), Nitrate (23 mg/L)&chloride (50 mg/L).

December 2020

The physico-chemical results of supernatant water samples was found pH (7), TDS (433 mg/L), Turbidity (29 NTU), Total Hardness (280 mg/L), Total Alkalinity (280 mg/L)Fluoride (5 mg/L), Nitrate (8 mg/L)and chloride (50 mg/L).

June 2021

The physico-chemical results of supernatant water samples was found pH (7.7), TDS (310 mg/L), Turbidity (17 NTU), Total Hardness (230 mg/L), Total Alkalinity (100 mg/L)Fluoride (2.9 mg/L), Nitrate (4.8 mg/L)&chloride (30 mg/L).

Table 4.11:- Physico-chemical results of collected supernatant water samples

Sr. No	Sample Code	pН	EC	TDS (mg/l)	Turbidity	Total Hardness as	Calcium as Ca ²⁺	Magnesium Mg ²⁺	Sodium	Potassium	Total alkalinity as	1 2 4	Fluoride as F-	Nitrate NO ³⁻	sulphate	chloride
U	Units - μS/cm mg/L NTU mg/L															
	November 2019															
1	AS	8.1	879	527	12	200	48	19	22	11	188	2.8	1	23	23	50
			•				Dec	ember 20)20							
1	AS	7	722	433	29	280	100	7.2	73	10.6	280	0.8	5	8	7.9	50
	June 2021															
1	AS	7.7	517	310	17	230	20	43	57	8.8	100	0.9	2.9	4.8	148	30

4.3.2 Heavy Metals Concentration (Supernatant sample):

The supernatant water samples collected were analysed for heavy metals concentration in the month of November 2019, December 2020 and June 2021.

November 2019

The concentration of heavy metals was found to be Aluminium (5.8 mg/L), Copper (0.01 mg/L), Iron (4 mg/L), Manganese (0.05 mg/L), Nickel (0.01 mg/L), Arsenic (0.07 mg/L), Cadmium (0.0002 mg/L) and Zinc (0.08 mg/L) in sample AS-1. Besides this Lead (Pb), Mercury (Hg) & Chromium (Cr)was below detection level (BDL) (**Table 4.12**) respectively.

December 2020

The concentration of heavy metals was found to be Arsenic (0.1 mg/L), Aluminium (5.4 mg/L), Barium (0.2 mg/L), Cadmium (0.0002 mg/L), Copper (0.02 mg/L), Iron (0.5 mg/L), Manganese (0.1 mg/L), Zinc (0.1 mg/L)& Mercury (0.4 mg/L). Besides this Chromiumand Lead was below detection level (BDL) and Nickel was not detected (ND) in the sample AS-1 (Table 4.13) respectively.

June 2021

The concentration of heavy metals was found to be Arsenic (0.1 mg/L), Aluminium (3 mg/L), Barium (0.4 mg/L), Cadmium (0.003 mg/L), Copper (0.03 mg/L), Iron (0.5 mg/L), Manganese (0.2 mg/L), Zinc (0.1 mg/L)& Mercury (0.001 mg/L). Besides this Chromium and Lead was below detection level (BDL) and Nickel was not detected (ND) in the sample AS-1(**Table 4.13**) respectively.

Table 4.12:- Heavy metals concentration in collected supernatant water samples (November 2019)

Sr.No	Sample code	Al	As	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
	etection (mg/L)	0.00001	0.007	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000075
1	AS-1	5.8	0.07	0.0002	BDL	0.01	4.0	0.05	0.01	BDL	0.08	BDL

Table 4.13:- Heavy metals concentration in collected supernatant water samples

Sr. No	Sample code	As	Al	Ba	Co	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
ICP detect		0.007	0.00001	0.0001	1	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000001
	December 2020													
1	AS-1	0.1	5.4	0.2	0.003	0.0002	BDL	0.02	0.5	0.1	ND	BDL	0.1	0.4
	June 2021													
1	AS-1	0.1	3	0.4	0.004	0.003	BDL	0.03	0.5	0.2	ND	BDL	0.2	0.001

Chapter 5 Findings and Recommendation

5.1 Findings

June 2019 (pre-monsoon) & November 2019 (post-monsoon):

Heavy metal parameters namely As, Hg in the groundwater sources are within the drinking water standards of BIS (10500:2012). Iron concentration is high in many sources and it can be attributed to the rusting of the pipes in the hand pumps or iron content in the soil.

Physico-chemical parameters are within the permissible limit of drinking water standards of BIS (10500:2012).

The groundwater level is shallow and most of the sources have water level <10m (below ground level). The groundwater level monitoring in pre-monsoon and post-monsoon of 2019 indicates that the groundwater level has not declined with respect to the groundwater level observed in 2011 by HCPL engaged by APML.

December 2020 (post-monsoon)& June 2021 (pre-monsoon)

The concentration of heavy metals Ba, Co, Cd, Cr, Cu, Ni, Pb, Zn and Hg were all found to be well within the permissible and acceptable limit of BIS in December 2020 and June 2021.

The concentration of As, Mn and Al is high in some sources in December 2020 and in June 2021 the concentration of As, Al, Fe, Mn, Ni is high in some sources

Physico-chemical parameters namely pH, TDS, Total Alkalinity, Calcium (Ca²⁺), Magnesium (Mg²⁺), Sulphate (SO₄²⁻) and Chloride (Cl) concentrations of all the samples were found to be within the permissible and acceptable limits of BIS (10500:2012) in December 2020 and in premonsoon (June 2021) parameters namely TDS, Calcium, Total Hardness, Total alkalinity, sulphate, Phosphate and Chlorides were found to be within the permissible limits of BIS (10500:2012).

The concentration of Turbidity and nitrate (No₃⁻) is high in many sources in both December 2020 and June 2021.

The groundwater level is shallow in both post- monsoon (December 2020) as well as in premonsoon (June 2021);, having water level <13.76 m (below ground level) in all the sources.

June 2019 (pre-monsoon) & June 2021 (pre-monsoon)

The pre-monsoon (June 2019) the groundwater level (m-below ground level) varied between 3.70 m (AG-17) to 14.20 m (AG-9) during pre-monsoon and in pre-monsoon (June 2021) the groundwater level (m-below ground level) varied between 3.85 m (AG-21) to 13.76 m (AG-20).

It is observed that the average groundwater levels varied from 8.03 (pre 2019) to 7.07 (Pre 2021). In addition, it is observed that the average groundwater levels varied from 4.01 (Post 2019) to 4.21 (Post 2020).

It is observed that the water level (bgl) in the buffer zone is comparable to that reported in the report on Hydrology and Hydrogeology commissioned by the APML in 2010. In 2010, it was reported that "The depth to water in buffer zone ranges from 5.00 to 10.00 b.g.l. during postmonsoon period while it is deeper ranging from 8.00 to 13.00 m b.g.l during pre-monsoon" (Section 3.3 of the report).

5.2 Future activities

Post-monsoon of 2021 groundwater monitoring, sample collection and its analysis and premonsoon 2022.

Comparison of the groundwater level (pre-monsoon and post-monsoon) in 2021 with the preproject scenario in 2011.

Collection of primary and secondary data on the groundwater abstraction, yield tests for Groundwater stage development to draw comparison with respect to the stage development in the study area before construction of APML.

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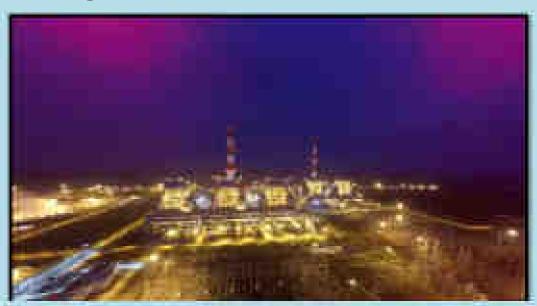
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Performance Guarantee Test for Air Pollution Control Equipments (ESP and Bag Filter)

Adani Power Maharashtra Ltd.

at

Village Tiroda, Gondia District, Maharashtra



Executed By:

Vardan EnviroLab
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FOREWORD

The Adani Group (1988) has grown from being a trading house to a diversified business group with interests from infrastructural development to FMCGs. The Adani Group has made foray into high growth sector like Power, Infrastructure, Global Trading, Logistics and Energy. Adani Power Limited (APL), a member of the Adani Group, has taken up implementation of large Thermal Power Projects at various locations in India in view of the growing needs of power requirements in the country. APL is also actively planning to implement Thermal Power Stations at various locations in India, totaling to about 20,000 MW in the coming years. Adani Power Maharashtra Ltd (APML), a wholly owned company of APL, has set up Tiroda Thermal Power Plant of 3300 MW (5x660) at Tiroda, District Gondia in Maharashtra.

The protection of environment plays a crucial role in maintaining the local environment quality for any industry, throughout their production. Hence, the efficiency of Pollution control equipments becomes very important to maintain the emissions within the prevailing norms of regulatory authorities. Therefore, it is important to maintain suitable efficiency of Pollution control equipments, so that pollution levels are within the norms and a sustainable environment is maintained. In line with this requirement, the management of Adani Power Maharashtra Ltd. has planned to evaluate the efficiency of pollution control equipment for assessing the capability for control of emissions as part of environmental protection.

In order to maintain the efficiency of pollution control equipments, to limit the emissions from the power plant, to fulfill statutory requirement and to be in tune with Environmental Preservation and sustainable development Adani Power Maharashtra Ltd., has awarded the work of Performance Guarantee test of all pollution control equipments to Vardan EnviroLab. This report presents the Performance Guarantee Evaluation of ESP and Bag filters installed at strategic locations to control emissions inside the power plant.

The co-operation extended by the Staff and Management of Adani Power Maharashtra Ltd. during the work execution period is gratefully acknowledged.

Gurugram July 26, 2021

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Abbreviations

Abbrev.	Full Form	Abbrev.	Full Form
APC	Air Pollution Control	WCL	Western Coalfields Limited
ESP	Electrostatic Precipitator	SECL	South Eastern Coalfields Limited
TTPP	Tiroda Thermal Power Plant	MCL	Mahanadi Coalfields Limited
APML	Adani Power Maharashtra	FD	Forced Draught Fan
	Limited		
CDM	Clean Development Mechanism	ID	Induced Draught Fan
UNFCCC	United Nations Framework	PA	Primary Air Fan
	Convention on Climate Change		
MW	Mega Watt	FGD	Flue Gas Desulfurization
MVA	Mega Volt Ampere	MCR	Maximum Continuous Rating
KV	Kilo Volt	CHP	Coal Handling Plant
PG	Performance Guarantee	TPH	Tons Per Hour
TG	Turbo Generator	RCC	Reinforced Cement Concrete
RUR	Rail Under Rail	APH	Air Pre-Heater
WTP	Water Treatment Plant	LPM	Liters Per Minute
CO2	Carbon Di Oxide	AGM	Assistant General Manager
NOx	Nitrogen Oxides	EMS	Environmental Management
			System
SO2	Sulphur Di Oxides	ISO	International Organization for
			Standardization
MIDC	Maharashtra Industrial	IES	International Electro technical
	Development Corporation		Commission
MPCB	Maharashtra Pollution Control	VWO	Valve Wide Open
	Board		
СТО	Consent To Operate		
SH	Super Heater		
CPCB	Central Pollution Control Board		
LDO	Light Diesel Oil		
HFO	Heavy Fuel Oil		
DM	De-Mineralized		
MCM	Million Cubic Meter		
HP	High Pressure		
LP	Low Pressure		
IP	Intermediate Pressure		
CW	Cooling Water		
DFDS	Dry Fog Dust Suppression		
MTPA	Million Tons Per Annum		

Executive Summary

Introduction

Performance Guarantee test is a general term used to describe methods of assessing the effectiveness of Air Pollution Control ("APC") systems, and the efficiency (or performance) of gas turbines, boilers and compressors. Whether during commissioning to meet the requirements of performance guarantees, or to show compliance with Environmental Standards, performance Guarantee testing is required to be prepared for submission to regulatory authorities for evaluation of proper functioning of Pollution Control Devices.

In this report we will discuss about the performance guarantee of Electrostatic Precipitator (ESP) and Bag Filter installed in coal based Thermal Power Plant by Adani Power Maharashtra Limited (APML) at village Tiroda, District Gondia of Maharashtra.

Details of Thermal Power Plant

Adani Power Maharashtra Limited is the largest coal based Thermal Power Plant in the state of Maharashtra, India. The plant has a capacity to generate 3300 MW power through its 5 units of 660 MW capacity. The plant achieved full capacity with the commissioning of Unit V on October 2014.

All units at this location are of Supercritical Technology, driving efficiency in coal based power generation. Tiroda Thermal Power Plant uses latest technology for environmental management and has been registered under CDM by UNFCCC.

Performance Guarantee Work

Vardan EnviroLab has been awarded with Work of "Performance Test for Air Pollution Control Devices (ESP & Bag Filters)" for 5x660 MW Coal based Thermal Power Plant at Tiroda, Gondia, Maharashtra vide service order no. 5700290978 dated 28.12.2020.

Sample no. and quantity: Total ESP 05 nos. and Total Bag Filter 07 nos. PG Test for each ESP (12 Samples) and Bag Filter (08 Samples)

Details of Plant

Adani Power Maharashtra Limited's Tiroda Plant has the state of the art Supercritical Technology which is fuel efficient and environment friendly. The plant is a coal based super critical thermal power plant. The TG is a three cylinder tandem compound, four exhausts, condensing reheat turbine, Static excitation & hydrogen cooled generator with 22KV stator voltage, DEH system designed & installed for high operating efficiencies, maximum reliability and smooth operation.

The plant is located on 565 hectares of land which houses the major equipment such as boilers, turbines, generators, transformers, switchyards, cooling towers, coal handling plant, ash handling plant, CW pump house, track hopper, wagon tippler, reservoirs, ESP, WTP, Ash dykes etc. For uninterrupted coal supply, we have Rail under Rail (RUR) on the busiest Mumbai- Howrah rail route. The plant has long term PPA with Maharashtra State for 3085 MW which is evacuated through one dedicated 400KV double circuit 219 km Tiroda-Warora transmission line and two 765 KV Tiroda-Aurangabad 630 km long transmission line.

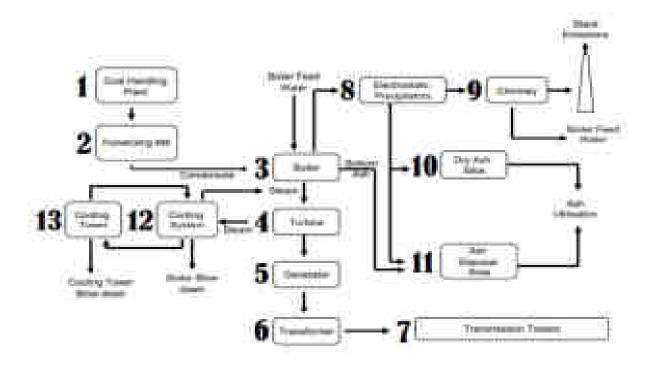


Fig. Thermal Power Plant Process Flow

Supercritical Technology

The supercritical technology is fairly new to India. Adami Power Maharashtra Limited at Tiroda have installed power plant unit with supercritical technology.

The basic difference in supercritical boilers and sub critical boilers is that there would be no steam drum in supercritical technology unlike sub critical boilers. The feed water is directly made as steam without having a boiler drum. The pressure rating in a supercritical boiler is relatively higher (about 270 bar) as compared to sub critical boilers (about 130 bar). The materials of construction for pressure parts in supercritical boilers would also be superior compared to sub critical boilers. Height of the boiler with supercritical technology is also higher at least by 10 m (since there is no boiler drum and the entire steam has to be produced within the pressure parts) compared to a sub critical boiler.



Performance Guarantee Report of Air Pollution Control Equipments installed at Tiroda Thermal Power Plant

ADANI POWER MAHARASHTRA LIMITED

The main advantage of adopting supercritical technology is gain in the heat rate, thereby requiring lesser coal for firing. Typically, the heat rates for power stations with supercritical boilers is (about 2%-3% gain in heat rate). However, supercritical units entail higher main plant equipment cost of about 10%. Therefore, it is a trade-off between the operating cost and capital cost. The supercritical technology power stations are relatively more sensitive to control systems adopted particularly in regard to quality of boiler feed water etc.

Commissioning details

The Tiroda Power Plant works on a total capacity of 3300 MW (5x660 MW). The plant has long term PPA with Maharashtra State for supply of 3085 MW power which is evacuated through one dedicated 400KV double circuit 219 km Tiroda-Warora transmission line and two 765 KV Tiroda-Aurangabad 630 km long transmission line. Following are the completion schedule of the plant units.

Table: Commissioning Details of Power Plant

Stage	Unit Number	Installed Capacity (MW)	Date of	Status
			Commissioning	
1	1	660	September 2012	Running
1	2	660	March 2013	Running
1	3	660	June 2013	Running
1	4	660	April 2014	Running
1	5	660	October 2014	Running

1.0 Introduction

1.1 Preamble

Adani Power Maharashtra Ltd. (APML) is a wholly owned company of Adani Power Limited, Ahmedabad. The coal-based Thermal Power Plant situated at Tiroda, Gondia District in Maharashtra has a capacity to generate 3,300 MW (5 x 660 MW) electric power. The APML, the supercritical, energy efficient and environment friendly the largest thermal power plant in Maharashtra is established at Tiroda Growth Centre of Maharashtra Industrial Development Corporation (MIDC) developed area near Tiroda, District Gondia in Maharashtra exists on 565 ha land area.

Accordingly, in compliance to the conditions of MPCB's CTO for Tiroda TPP, Performance Evaluation of Air Pollution Control Equipment equipments (Bag Filters & ESPs) for Tiroda TPP need to be performed to check the efficiency of the existing ESP & Bag Filters to ensure reduction of pollution load.

The present study would enable Adani Power Maharashtra Limited to meet the requirement of MPCB's CTO compliance besides meeting its mission of being envirosocially responsible corporate entity with thrust on sustainability

The project authorities have awarded the work of Performance Guarantee of Pollution control equipments installed in the power plant to Vardan EnviroLab.

1.2 Power Plant Location

The plant is located at MIDC Growth Centre, Tiroda in Dist. Gondia of Maharashtra State. The plant site is located near to Bhandara Gondia state highway (SH-249) and is at a distance of 125 km from Nagpur which has major commercial Airport. The nearest major Railhead is at Gondia on Mumbai Howrah rail route at 30 km distance from Plant. The nearest sea port is at Mumbai at a distance of 985 km. The plant is located at about 328 m above mean sea level. The plant location is provided in figure below.

The adjoining districts to Gondia are on northen side Balaghat district of Madhya Pradesh and on eastern side Rajnandgaon district of Chattisgarh state. To the south and west are Chandrapur district and Bhandara district of Maharashtra. The district headquarter is situated at Gondia situated on Mumbai - Calcutta railway route which is 1060 km from Mumbai, capital of state.

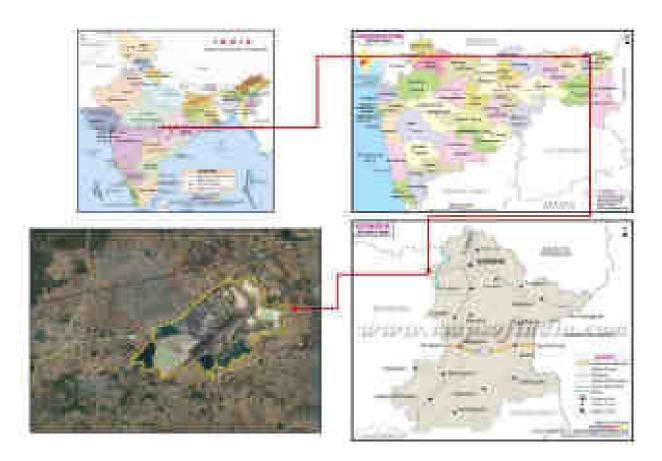


Fig.1 Tiroda Power Plant Location map

1.3 Objective of the Study

The main objective of the proposed study is to check the performance of the Air Pollution Control Devices (ESP& Bag Filters). The detailed work carried out as follows:

- ➤ Measurement of PM at all Inlet ducts & outlet ducts of each boiler ESP (05 Nos.) by using the state-of-the-art method as recommended by CPCB and MPCB for the purpose.
- Measurement of PM at all Inlet & outlet ducts of each Bag Filters (07 Nos.) of Silo (06 Nos.) and Crusher House (01 Nos.) as recommended by CPCB and MPCB method.
- > Suggested the detailed mechanism for sustenance operation of ESP & Bag filter with maximum efficiency

1.4 Environment Department of Adani Power Maharashtra Limited

Adani Power Maharashtra Limited has already established an Environment Management Dept. headed by Asso_General_Manager & supported by Environmental Engineer, Chemist. Environmental laboratory has been established with well-equipped instruments &



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Analysers to monitor Environmental Quality Parameters for Ambient Air, Water, Stack emission monitoring etc.

Environmental Management System as per EMS ISO 14001:2015 implemented under Integrated Management System. APML Environmental lab is accredited with NABL as per ISO/IEC 17025:2017 which is valid up to 27.06.2022.

- 1) Arun Pratap Singh Asso. General Manager
- 2) Girish Kulkarni Assistant Manager
- 3) Vijendra Khandekar Assistant Manager

All the technical and project related information was provided by the Adani Power Team and were eager to help in all aspects of the report

1.5 Vardan EnviroLab

Vardan EnviroLab is a pioneer consulting organization of India specializing in Environmental Protection, Industrial Pollution Control, Environmental & Mechanical testing and engineering field. Vardan assists clients in comprehensive environmental and engineering services ranging from conceptual planning and preliminary investigation to detailed engineering designs.

Headquartered in Gurugram and Branch office at Jaipur, Vardan has prominent presence in Delhi-NCR, Rajasthan, Maharashtra, Madhya Pradesh, West Bengal and Jharkhand. With a man-power of over 250 professionals, the organization comprises of senior retired government officers from various departments like Pollution Control Board, Mines & Geology, Civil Services, SAIL, GAIL, NEERI who have decades of experience in the field of environmental management. The team also Comprises of young, dynamic and progress driven Environment, Civil, Mechanical & Chemical engineers, Geologists, GIS experts, Ecologists and Auditors.

Vardan Envirolab provides reliable and precise testing services for a wide range of Environmental, Chemical, Food testing, Microbiology and Building Materials with in-house Equipment/Instruments of advance technology along with experienced technical staff. VEL has state of art equipment for testing viz ICP-MS, GS-MSMS, LC-MSMS, HPLC, Ion Chromatograph, FTIR which are being operated and maintained by different experts for pesticides, Residues and toxins in Environmental, Food and Pharma products.

Recognitions

• Approved by NABET in 14 sectors for preparation of EIA/EMP reports.



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- Vardan EnviroLab is recognized by Ministry of Environment, Forest & Climate Change, Govt. of India under Environmental Protection Act 1986.
- Vardan EnviroLab is accredited by NABL in the field of Testing.
- Vardan EnviroLab is certified by OHSAS 18001:2007.
- Vardan EnviroLab is certified by ISO 14001:2015.
- Vardan EnviroLab is certified by ISO 9001:2015.
- Vardan EnviroLab is approved by HSPCB & RSPCB.

2.0 Project Details

Adani Power Maharashtra Ltd (APML), a wholly owned company of Adani Power Limited, has set up Tiroda Thermal Power Plant (TTPP) of 3300 MW (5x660) capacity near Tiroda Village, District Gondia of Maharashtra. In addition to coal, Light Diesel Oil (LDO) and Heavy Fuel Oil (HFO) are used as an auxiliary liquid fuel. LDO is used for cold start-up and HFO is used for flame stabilization at lower load. The main plant is arranged within the three interconnected structures, the boiler, turbine building & integrated control and switch yard control system.

2.1 Supercritical Power Generation Process

In this section, the energy conversion process of Adani Power Maharashtra Ltd.'s SCPP is briefly described with the process flow diagram shown in Fig. 4.

The coal entering the mill is ground to a powder, which flows to the furnace where it is fired. The heat energy released from coal combustion is transferred by various ways of heat travelling, mostly by conduction and convection to the water inside the heat exchangers. The water is supplied by using the feed water pump to enter the various heating stages in the SC boiler, the feed water heater, the economizer (ECON), the water walls and the Superheater (SH). The supercritical conditions occur in the water wall and thereafter. The superheated supercritical steam flows to the steam turbine, in which the thermal energy is converted into mechanical energy. The efficiency is highly influenced by the enthalpy drop and the expansion in the turbine. The turbine can be designed to be combined. Turbines to provide an appropriate steam production are designated as the high pressure (HP) turbine, the intermediate pressure (IP), and even to low pressure (LP) turbine in practice.

The steam exhausted from the HP turbine is fed back to the reheater (RH) to increase the heat content in steam before it is sent back to the IP and LP turbines. The induced draft fans push the flue gas to emanate from the stack.

Table 1 Salient Features of TTPP

S.No.	Item	Particulars
1	Location of the Plant	Adani Power Maharashtra Limited
		Plot A-1, Tiroda Growth Center, MIDC Area, Tiroda,
		District Gondia 441 911, Maharashtra
2	Co-ordinates	Latitude: 21°24'42.9" North
		Longitude: 79°58'14.9" East
3	Net capacity	3300 MW



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S.No.	Item	Particulars			
4	No. of Units and	Phase I 2 x 660 MW			
	configuration	Phase II 3 x 660 MW			
5	Steam Generator	Super critical			
		Pressure 255 kg /cm ²			
		Temperature 571°C			
6	Turbo Generator	Turbine -246 kg/cm ² (a), 563°C, 3000 rpm			
		Generator - 660 MW (Each unit)			
		Generator Transformer - 776 MVA			
7	Major Auxiliary System	Boiler and Turbine Auxiliaries			
		Pretreatment plant			
		Compressed Air System			
		Coal and Ash Handling system			
		CW System and Raw water system			
		Fire Fighting System			
		Air Conditioning system			
		Ventilation system			
8	No. of Stack	2			
9	Stack Height (meter)	275 each			
10	No. of flue	Five			
11	Air Pollution Control	ESP, Bag Filters & DFDS system			
	Equipment				
12	Coal	Indigenous Coal - 15.0 MTPA			
		(6.3 MTPA for Phase I & 8.7 MTPA for Phase II)			
		Transportation: Railways			
13	Coal Requirement	39000 MT			
	(MT/day)				
14	Source of Coal	WCL, SECL and MCL			
15	Ash %	<34 %			
16	MIDC Land	402.00 ha			
		[210 ha for Phase I & 192 ha for Phase II]			
	Forest land	163.84 ha			
17	Cooling Technology	Induced draft cooling system is proposed			
18	Total Water Requirement	70 MCM (191760 m3 /day)			
19	Total Discharge	Zero Liquid Discharge is being practiced			
20	Manpower Requirement	Approx. 700 Employee and 2500 Contractual			

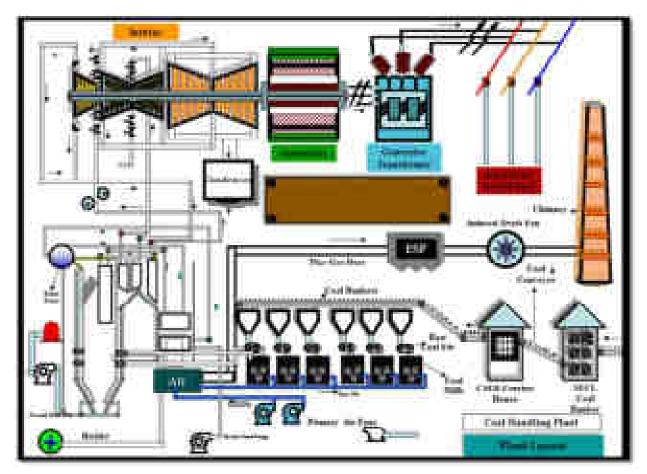


Fig.2 Tiroda Supercritical Power Plant Schematic View

2.2 Supercritical Boiler:

A Boiler operating at a pressure above critical point is called Supercritical Boiler. Supercritical Boiler has no drum and heat-absorbing surface being, in effect, one continuous tube hence called "Once through Supercritical pressure boilers". Boiler feed pump pressurizes the water in boiler, sensible heat is added in feed heaters, economizer and furnace tubes, until water attains saturation temperature and flashes instantaneously to dry saturated steam and super heating commences.

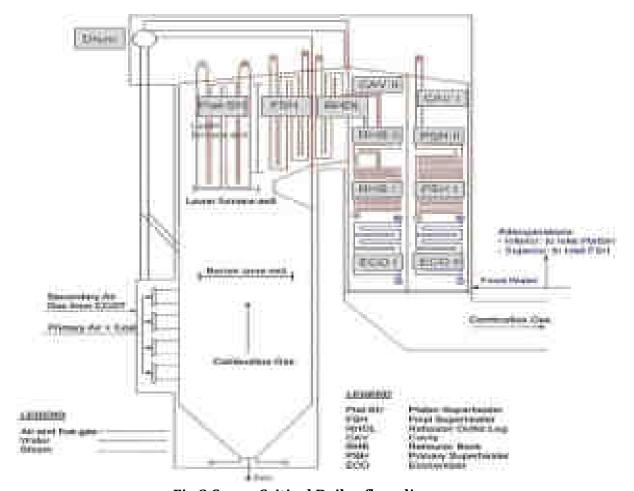


Fig.3 Super Critical Boiler flow diagram

Advantages of Supercritical Technology

Following are the advantages of using Supercritical Technology for Power Plants.

- Reduced fuel costs due to improved plant efficiency.
- Significant reduction in CO₂ emissions
- Excellent availability, compared to conventional sub-critical plant
- Plant costs comparable with sub-critical technology and less than other clean coal technologies
- Much reduced NOx, SOx and particulate emissions
- Overall reduction in Auxiliary Power Consumption
- Reduction in requirement of ash dyke land and consumptive water
- Sliding pressure operation due to once through system
- Uniform distribution of heat due to spiral wall arrangement leading to less Boiler tube failure, thereby improving system continuity and availability of the station
- Low thermal stress in turbine
- Less start up time of the boiler



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- Compatible with biomass co-firing
- Can be fully integrated with appropriate CO₂ capture technology

In summary, highly efficient plants with best available pollution control technology will reduce existing pollution levels by burning less coal per megawatt-hour produced, capturing the vast majority of the pollutants, while allowing additional capacity to be added in a timely manner.

2.3 Steam Generator Set:

The steam generator for super-critical unit consists of a number of parallel circuits connected by inlet & outlet headers. Pressurized water enters the circuit at one end and leaves as supercritical steam at other end. Thus boiler is "once through type". Once through boiler may be designed in both two-pass & tower type design. Since flow is once-through furnace wall tube. Temperature tends to increase at low load. Assisted circulation mode is super imposed to overcome this problem. The volume of the evaporator system is much smaller compared to a Natural circulation boiler. Due to smaller inventory of stored water & steam, theoretical rate of response is much faster than drum unit at base load. Super heater section has been divided in convection and radiant zones and designed so as to maintain rated steam temperature of 571°C at the outlet. The units have been completed with coal preparations and firing system, fuel oil firing system, draft plants comprising FD, ID and PA fans, electrostatic precipitators with required number of fields in series and a multi-flue chimney.

Light Diesel Oil (Calorific value around 10,300 K Cal/Kg) is being used as start-up and stabilization fuel. As per GOI norms, space provision for FGD unit has been incorporated in the plant layout.

Due to elevated pressure and temperature, cycle efficiency improves which results in reduction of fuel consumption per unit of electricity generated, which in turn reduces CO_2 , $NOx \& SO_2$ emission. To limit the dust load at the inlet to the chimney to a value of 50 mg/Nm³, as per the norms prescribed by the Ministry of Environment and Forest, Govt. of India, adequately sized electrostatic-precipitators have been provided.

2.4 Turbine Generator Set:

The steam turbine set is with standard multi-stage, 3000 rpm, tandem compound, single/double reheat, regenerative, condensing, multi-cylinder unit with eight (8)/nine (9) uncontrolled extractions for regenerative feed water heating. The turbine has one single flow HP cylinder, one double flow IP turbine and two double flow LP casings. The LP turbine exhausts against a condenser pressure of 76 mm Hg (abs) and maximum cooling water temperature of 33°C. The unit has horizontally split double flow LP cylinder with the

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LP turbine exhausting steam directly into spring mounted surface type, two-pass condenser having divided water box. The turbo-generator sets are designed for a maximum throttle steam flow at turbine valve wide open (VWO) condition of 105% of turbine MCR Flow. A quick acting "HP and LP Turbine Bypass Station" has been provided as a part of turbine package. The unit is equipped with all auxiliaries as per good engineering practice. The steam turbine is directly coupled to the horizontally mounted, three phases, two-pole, cylindrical rotor type electric generator terminal after meeting power requirement for excitation system. The steam turbine is equipped with hydraulic/motorized turning gear for uniform heating/ cooling of the rotor during start up/shut down. Highly sensitive electronic-hydraulic governing system is provided with suitable hardware to ensure fast speed to operation & safety. The units are complete with twin flow, double-pass, horizontal, surface type, water cooled condensers, 2 x 100% vacuum pumps (1W + 1S), vertical/ horizontal shell and tube type high pressure feed water heaters with group bypass arrangement, 4-stage horizontal U-tube low pressure heaters, drain cooler, gland steam condenser, horizontal spray or spray-cum-tray type deaerator with integral vent condenser etc.

2.5 Draught System

Large amount of air is required for combustion of fuel. The gaseous combustion products in huge quantity have also to be removed continuously from the furnace. To produce the required flow of air or combustion gas, a pressure differential is needed. The term "draught" or "draft" is used to define the static pressure in the furnace, in the various ducts, and the stack. The function of the draught system is basically two folds:

- o To supply to the furnace the required quantity of air for complete of fuel.
- To remove the gaseous products of combustion from the furnace and throw these through chimney or stack to the atmosphere.

2.5.1 Forced Draught Fan:

Air drawn from atmosphere is forced into the furnace, at a pressure higher than the outside atmosphere, by big centrifugal fan or fans to create turbulence and to provide adequate Oxygen for combustion. Hence the system is known by the name Forced draught system and the fan, used to push through combustion air under pressure, is called Forced Draught Fan. FD fan is normally located at the front or sideways of the furnace.

2.5.2 Induced Draught Fan

Instead of drawing atmospheric air and pushing through furnace, a centrifugal fan can be deployed to draw out the air from the furnace and throw out through the chimney, thereby creating negative pressure in the combustion zone and maintain the negative draught throughout the furnace. The system is called Induced Draught system and the fan deployed

for this purpose is known as Induced Draught Fan. In the Induced Draught system, the fan is fitted at back end of the furnace or near the base of the chimney. Due to the negative pressure created inside the furnace, by the action of the fan, flue gas will not come out of combustion space i.e. Furnace. The entry of air to Boiler is regulated through air registers and dampers.

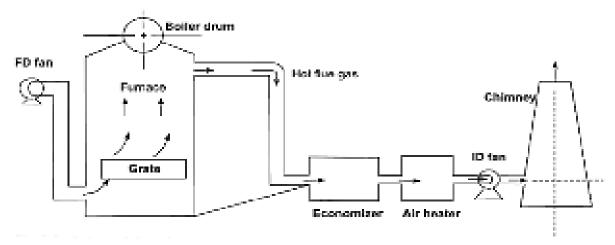


Fig.4 Draught Fan implementation in Thermal Power Plant

2.6 Air & Flue Gas System

In the air and flue gas system, the draft section of boiler plays the most vital role in the performance and firing of boilers It encompasses not only both air and fuel (mill) supply, but also covers the burning of fuel in the furnace and the flue gas it produces.

The main purpose of Air & Flue Gas System as follow:

- ➤ To ensure sufficient, Efficient and safe flow of Fuel, Air & Flue gas through the Steam Generator.
- ➤ To maintain the Combustion control parameters such as Oxygen in Flue Gas , Carbon in Ash , SOx & NOx in Flue Gas, Flue Gas Velocity, Flue Gas Exhaust Temperature etc.

The following equipment's are involved in Air & Flue Gas system:

- ✓ Induced Draft Fans.
- ✓ Forced Draft Fans.
- ✓ Primary Air Fans.
- ✓ Air Preheater
- ✓ Seal air Fans.
- ✓ Scanner Air Fans.
- ✓ Igniter Cooling Fans

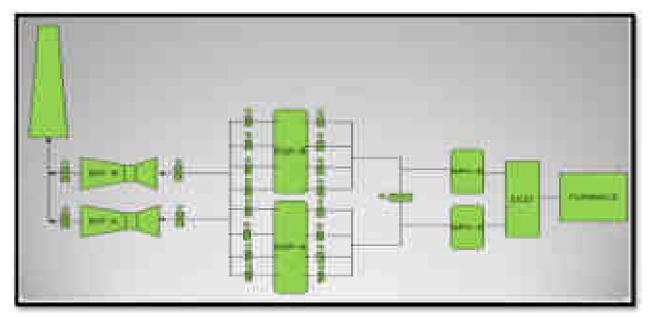
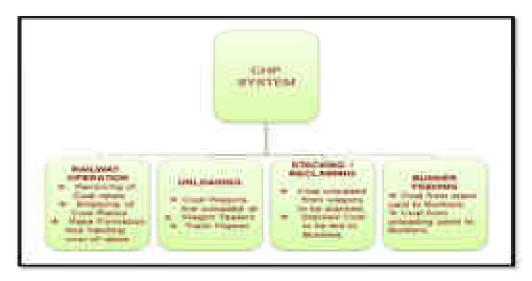


Fig. 5 Flue Gas System of Thermal Power Plant

2.7 Coal Handling Plant

CHP is a unit where properly handle the coal from its receipt to transferring it to bunkers. The main objective of the CHP in Thermal Power Plant to unloading of coal, its crushing, storage and filling of boiler bunkers. At APML the coal handling Plant is erected and commissioned by L&T ECC ltd.



Coal unloading and feeding Process at APML Tiroda is as follows:

- Receipt of loaded coal rake in Marshalling Yard.
- Placement of rake on Wagon Tipplers and/or Track Hopper.
- Unloading of coal from Railway Wagons through WT/ Track Hopper.

- Collection of empty wagons and formation of rake.
- > Transportation of coal from unloading point i.e WT/ Track Hopper to Stack Yard and Unit Bunkers.
- Screening & Crushing of coal before bunker feeding.
- Proper stacking of coal in stack yard and compacting of coal with Bulldozers
- Re-claiming of coal from stack yard to unit bunkers.

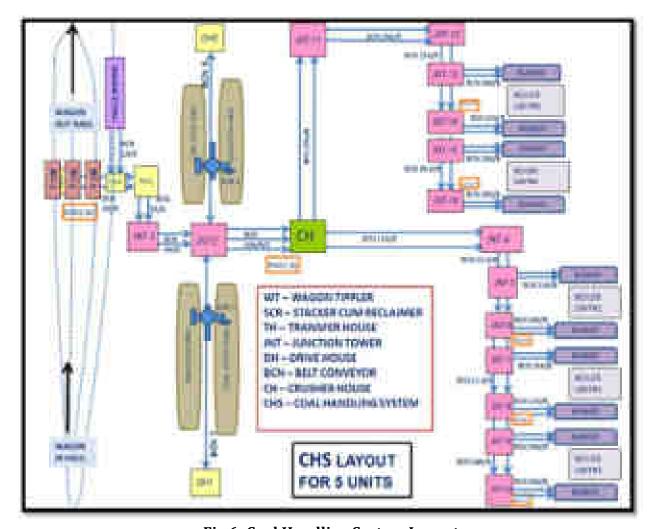


Fig 6: Coal Handling System Layout

Coal Handling Plant consist following major Systems:

1. Unloading System: Coal received at site by railway wagons which unloaded using Wagon Tipplers- 3 nos. (Rotary Car Dumpers) and Track Hopper – 120 m, BOX, BOX-N type wagons unloaded at wagon tippler and BOBR wagons unloaded at Track Hopper. Designed coal size for plant is (-) 300mm.





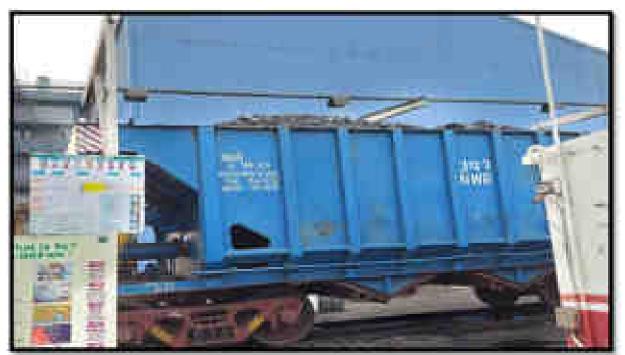


Fig 7: Pre-wetting System before entering Track Hopper for reduce fugitive dust emission

- **2. Coal Yards:** APML Tiroda has 4 coal yards with combined capacity of 7 lac tons of coal, Which gives a backup of about 15 days while all the five units are operational at full load One nos. of Stacker cum Reclaimer is provided with each pair of coal yard to stack and reclaim the coal whenever required
- **3. Stacking:** While coal is not fed to the bunkers it has be stacked in the coal yards using stackers. Combined capacity of the coal yards is 7 lac tons, which is adequate



for all five units running at full load for 15 days. Coal have been stacked by using BCN 7 or BCN 9, Stacking capacity: 3600 TPH

4. Reclaiming: While there are no coal rakes available, coal from yards could be used for bunkering. Stacker cum Reclaimer are used to reclaim coal from coal yard using reversible BCN 7 and BCN 9 Reclaiming capacity: 2400TPH



Fig 8: Stacker Reclaimer

- **5. Screening :** The CHP is designed for (-)300mm coal size, coal size of (-) 25 mm size is separated using Vibrating grizzly fodders and fed to the shuttle conveyors. Total 6 nos. of VGS are installed in the crusher house for screening the coal. The Filtered coal get mixed with crushed coal and fed to the Bunkers using conveyors screening capacity: 1250 TPH each screen
- **6. Crusher house:** Coal size ranging from (-) 300 mm to (+) 25mm is fed to Crushers which crushes the coal to (-) 25 mm.Total 6 nos. Crushers are installed in the crusher house Crushing capacity: 1250 TPH each Crusher Type: Ring Granulator Crusher
- **7. Conveying System:** Coal is conveyed through belt conveyors (BCNs) from one place to another it consists of two conveying streams from unloading to coal bunkers with one stream operating and the other as standby. However, it is possible to operate both the streams simultaneously.



Fig 9: Closed Coal Conveying System



Fig. 10: Rain Guns at Coal Yard for Reduce Fugitive Dust Suppression

2.8 Electro Static Precipitator

Many industrial, power generation and chemical processes produce unwanted fine particulate material as a consequence of their operation. Electrostatic precipitation (ESP) is a highly efficient method of removing entrained particulate contaminants from exhaust gases and is extensively used in these industries to limit particulate emissions.

An ESP works because of electrostatic attraction (like charges repel; unlike charges attract). An ESP uses a high voltage electrostatic field to separate dust, fume or mist from a gas stream. The precipitator consists of vertical parallel plates (collecting plates/electrodes) forming gas passages 12 to 16 in. (30.5 to 40.6 cm) apart. Discharge electrodes are electrically isolated from the plates and suspended in rows between the gas passages. Every particle either has or can be given a charge - positive or negative. A high voltage system provides power to the discharge electrode to generate an electrical field. The particulate, entrained in the gas, is charged while passing through the electrical field. The particulate is then attracted to the grounded collector plate, and forms a dust layer on the plate.

Periodic rapping separates the accumulated dust layer from both the collector plates and discharge electrodes (in case of wet ESP by spraying it with a liquid). The dust layer released by the rapping collects in hoppers and is removed by material / ash handling system. At many places in this article, ash is used instead of particulate matter since major application of an ESP is for ash collection.

Tiroda Thermal Power Plant has installed 5 numbers of ESP for control of Air pollution envisaged from the power plant working process.





Fig. 11 Electro Static Precipitator installed at TTPP

Table 2: Technical Specification of ESP

Sr.No.	Particular	Specification		
1	Working Pressure	±9800 Pa		
2	Equipment Resistance	≤235 Pa		
3	Number of Column	2 units		
4	Number of Chamber	4 units		
5	Number of Field	10 units		
6	Number of channel	30 units		
7	Effective Length of Field	46.55m		
8	Effective Cross-sectional Area	720m ²		
9	Flue Gas Temperature	146°C		
10	Flue Gas Velocity	0.79m/s		
11	Flue Gas Treating Time	58.92s		
12	Inlet Concentration:	71.3g/Nm ³		
13	Dust Collecting Efficiency:	99.93%		
14	Total Collecting Area:	335160m ²		
15	Number of Hopper	160 units		

2.9 RCC Silos and Bag Filter

At APML, 6 RCC silos are provided for storage of dry fly ash of a Capacity 1700 MT each. Six outlets below each silo are provided. Each silo is provided with one outlet with manual isolation valve & one manual isolation valve along with cylinder operated valve along with 170 TPH rotary ash conditioner for semi wet disposal of dry ash into open truck, Three outlet with manual isolation valve with one Cylinder operated Dome type valve along with 170 TPH motorized telescopic spout with rotary feeder for dry unloading of fly ash in to closed truck/Railway Wagon and remaining one opening is provided with a Blind flange Manual isolation valve for emergency unloading & future use. The accumulated ash in any of ESP/APH hopper can be collected in any of the Silo with necessary PLC logic. Silo Fluidizing Blowers (including a standby) along with air heaters are provided for fluidization of ash to avoid choking and easy flow of ash from silo to unloading equipment's. Necessary instrument air connection & cylinder-operated valve is provided and the tapping is taken from Instrument air compressor from the plant area for the vent filter.

Dry fly ash collection system consists of Bag filters cum buffer hopper, pressure transmitters / blow tanks conveying lines and silo. For collecting fly ash in dry form, the system is designed such that the fly ash and conveying air mixture is passed through buffer hoppers, where ash gets separated and air flows to the vacuum pumps through Bag filters. The bag filters are pneumatic pulse jet type. Suitable tap-off connections with remote operated valves is provided in the main fly ash pipe headers, so that the fly ash conveying

air mixture is passed either through wetting unit for wet disposal or through bag filter/buffer hoppers for dry fly ash collection in silos. The fly ash from the buffer hoppers is transported to RCC silo by using conveying compressors. An adequately sized vent filter is mounted on top of the silo to filter the air and let it out to the atmosphere.

Tiroda Thermal Power Plant has installed 6 numbers of Bag Filters for control of Air pollution envisaged from the power plant working process.





Fig.12 Fly Ash Silo installed at TTPP



Fig. 13 Fly ash Silos (1700 MTx6 Nos.) at TTPP

The technical data for silo bag filters is as follows:

Table 3: Technical Specification of Bag Filters

Sr.No.	Particular	Specification
1	Type of Bag Filters Pulse Jet	
2	Filter Area	201.3 m ²
3	No. of valves	10 Nos.
4	Dust Load	25 gms / Am3
5	Dust Nature	Fly Ash
6	Particle size	80% - 70 to 25 μ 20% - 25 to 10 μ
7	Bags (Type & Size)	Polyester Needle felt with Antistatic Treatment Ø160 mm x 3660 mm long
8	Outlet Emission	< 50 mg/Nm³ on dry basis
9	Compressed Air Required	35 Nm ³ /hr Clean and dry air, compressed to 6-8 Kg/cm ² g to be tapped for instrument airline.

3.0 Approach and Methodology

3.1 Approach of Study

A kick off meeting was arranged with Environment Management division of APML wherein discussions regarding the Performance Guarantee study was made and its execution; planning and time schedule was discussed. A reconnaissance visit of Vardan team took place wherein the strategic points inside the plant were marked and Pollution Control Equipment was observed for execution of Performance Guarantee study.

The Proficiency Guarantee Test for checking effectiveness of installed pollution control equipments i.e. ESP and Bag filter at Adani Power Maharashtra Ltd. Proficiency of pollution control equipments has been checked to assess the inlet and outlet dust exposure to measure difference percentage of dust/pollutant which shows the effectiveness of control devices. During the activity and operation of plant measurement were taken repeatedly to ensure effectiveness and reliability of measurement. The Proficiency guarantee test is aimed to identify and analyze the proficiency and working effectiveness of pollution control devices.

Table 4 Brief Description of PG study

S. No.	Particulars	Detail	S				
A.	Nature and Size of	Coal Based Power plant with tot	cal capacity o	f 3300 MW			
	the Project	at Tiroda, Gondia district, Maharashtra.					
		Comprises of 5x660 MW units	, All units at	this location			
		are of Supercritical Technology	, driving effic	ciency in coal			
		based power generation.					
В	Location Details	Electrostatic precipitator (ESP)	Locations				
		660 MW Boiler Duct (Unit-I)	ESP Inlet	ESP Outlet			
		660 MW Boiler Duct (Unit-II)	ESP Inlet	ESP Outlet			
		660 MW Boiler Duct (Unit-III) ESP Inlet ESP Outlet					
		660 MW Boiler Duct (Unit-IV) ESP Inlet ESP Outlet					
		660 MW Boiler Duct (Unit-V)	ESP Inlet	ESP Outlet			
		Bag Filter Locations					
		CHP Crusher Duct Extraction	Duct	Duct			
			extraction	extraction			
			Inlet	Outlet			
		Fly Ash Silo No.1	Inlet Duct	Outlet Duct			
		Fly Ash Silo No.2 Inlet Duct Outlet Duct					
		Fly Ash Silo No.3 Inlet Duct Outlet Duct					
		Fly Ash Silo No.4 Inlet Duct Outlet Duct					
		Fly Ash Silo No.5	Inlet Duct	Outlet Duct			
		Fly Ash Silo No.6	Inlet Duct	Outlet Duct			



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C.	Sampling Details	
	Electrostatic	ESP 3 trial for each location for both inlet & outlet
	precipitator (ESP):	
	Bag Filter	Bag filter 4 trial for each location for both inlet & outlet

3.2 Methodology of Sampling

3.2.1 *General*

Performance Guarantee test were conducted on ESP and Bag filters installed at Tiroda Power Plant with various trail test on each control equipments. Performance evaluation of Air pollution control equipments are measured by sampling and analyzing the pollutant levels at inlet to ESP and outlet of stack with all the units of power plant working on full capacities. The values so obtained are then used for calculating the Performance Guarantee of ESP and Bag Filters. The Emission monitoring is performed as per IS:11255 and CPCB Guidelines.

3.2.2 Stack Sampling and Analysis

<u>Method and Principle</u>: Particulate matter test or analysis made in accordance with IS 11255 and CPCB Guidelines, A known volume of flue gas is collected through a suitable thimble and mass is determined using volume of air.

<u>Sampling accessories</u>: Sampling probe, Thermostat, vacuum pump, Stack monitoring kit are required for sampling of Particulate matter.

<u>Instrument Used for Stack Sampling</u>: Particulate sample will be collected by stack monitoring kit details are given in Table.

Table 5 Instrument used for sampling & monitoring of Stack Emission

Sr. No.	Instrument	Manufacturer	Model No.
1	Stack Monitoring Kit & Vacuum pump	Vayubodhan	VSS 3
2	Stack Monitoring Kit & Vacuum pump	Enviro Instrument	EI-106

3.2.3 Sampling Train

The sampling train comprises the following five essential parts:

- A probe along with sampling nozzle of proper dimension and design;
- An efficient collector for removing the particulates from the gas sample;
- Means for ensuring that the rate of sampling is approximately equal to the gas velocity at the point of sampling (isokinetic sampling);

- Means for measuring the total volume of the gas filtered; and
- A vacuum pump for drawing the gas through the sampling nozzle and filter

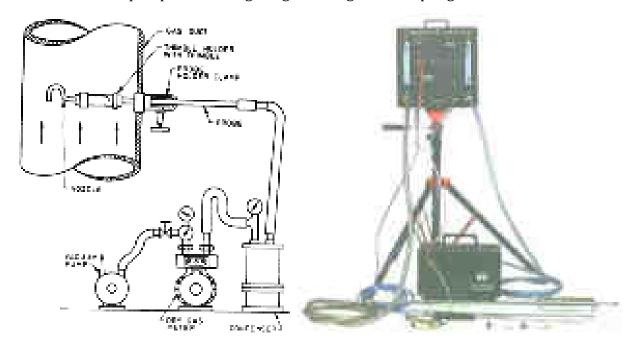


Fig.14 Isokinetic Sampling Train

Pre Sampling Activity:

Weigh the properly conditioned thimble/filter and place it into the clean, air tight container. Designate appropriate label or ID No. to each thimble/filter container. Field activity starts with the collection of detail information's from the industry about the products, raw materials, fuels, and stack dimensions.

Traverse Point Calculation

Calculate the traverse point and accordingly mark the distance from tip of the nozzle on pitot tube and probe. Sample for particulate concentration shall be done at the same location where velocity measurements were carried out. It is the reference sampling point.

Check the Leak in Sampling Train

The sampling train after having set up will be tested for leakage by plugging the inlet. The rotameter shall not give a reading beyond 5 lpm when the flow has been set 100 lpm. Also the dry gas meter should give a reading of less than 5 percent of the air flow.

Composition of Flue Gas:

Flue gas composition are determined and calculated as per below calculation:



Performance Guarantee Report of Air Pollution Control Equipments installed at Tiroda Thermal Power Plant

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Md = 0.44 (%CO2) + 0.32 (% O2) + 0.28 (% N 2 + % CO) +

Determine Stack Gas Velocity Pressure (Δ P) And Stack Temperature (Ts)

- Check and adjust the upper miniscus of manometer fluid at zero.
- Connect +ve and -ve end of the pitot tube in respective points.
- Slowly insert the pitot and thermocouple upto the first traverse mark inside the stack. Keep the positive end towards the direction from which flue is coming. Hold it for stabilisation. Take the reading of fluid displacement in manometer and temperature.
- Repeat the same in next traverse mark and so on.
- Take average reading for Δ P and Ts
- For measurement of static gas pressure pitot tube should be rotate by 90 °C from the position of actual Δ P measurement. This would provide better accuracy.

Stack Gas Velocity Determination (Us)

Connect pitot tube to the stack for velocity determination, calculate the stack gas velocity at all the traverse point by using the following formula. Consider the density factor for correction of velocity pressure and Δ Ps to convert water column manometer.

Us = Kp Cp (
$$\Delta$$
 P)^{1/2} [(Ts) / (Ps x Ms)]

Where

Us = stack gas velocity, m/s

Kp = constant

Cp = s-type pitot tube coefficient.

Ts = absolute stack gas temperature, °K

 ΔP = stack gas velocity pressure, mm water column

Ps = absolute stack gas pressure, mm Hg

Ms = molecular weight of stack gas on wet basis, Kg / Kg - mole

Determination of Volumetric Flow Rate/Discharge

The following equation is used to calculate stack gas volumetric flow rate (m³/hr)

$$Qs = 3600 \text{ (Us) } x \text{ As (1-B}_{wo}) x [T_{ref} / T_s] [P_s / P_{ref}]$$

As = area of the stack (duct), m^2

Bwo = proportion by volume of water vapour in stack gas.

Tref = 298 °K

Pref = 760 mm



Performance Guarantee Report of Air Pollution Control Equipments installed at Tiroda Thermal Power Plant

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Ts = absolute stack gas temperature, °K

Ps = absolute stack gas pressure

Calculation for Particulate matter

Calculate the dust concentration using the following equation: Dust Concentration in mg /Nm3' (25 °C, 760 mm Hg, dry basis)

$$Em = (W2 - W1) gm \times 1000$$

Vstd

Where,

Vstd = Volume of dry gas through the meter (25 °C, 760 mm Hg), Nm³

W1 = Initial weight of filter paper

W2 = Final weight of filter paper

Determination of Emission Rate

Calculate the dust emission rate as following Dust Emission Rate (Kg/Hr) = $\frac{\text{Em x Qs}}{10^6}$

Where,

 E_M = Measured emission concentration

Qs = Flue gas flow rate (25 °C, 760 Hg mm Hg), Nm 3 /hr.

Efficiency Analysis:

Performance of pollution control device measured by sampling and monitoring of Inlet and outlet Duct (Emission from Its Connected Stack) simultaneously on full capacity and full load of fuel. It can be calculate by difference of particulate matter at inlet and outlet duct. Particulate matter emission measurement has been done.

<u>Calculation of Proficiency Test:</u>

Operating Efficiency of Pollution control device

Efficiency % = (Inlet Dust Load- Emission from its Connected Stack) x100
Inlet Dust Load



Report Sample

Name of Project: M/s Adani Power Maharashtra Ltd, Tiroda, Gondia, Maharastra		
--	--	--

Performance Report of Air Pollution Control Equipment

Name of Air Pollution Control Equipment $\,:\,$ ESP or Bag Filter

Location of Installation : ____ MW Boiler Duct (Unit-...)

Date Of Testing : 00/00/0000

No of Tripping : Nil

Sample Location : Passes (A/B)

Make of Stack : MS

Coal Ash (%) : 00.00

Load (MW) : 000 to 000

Coal Flow (TPH) : 000 to 000

Parameter		Inlet		Outlet			
	Trial 1	Trial 2	Trial 3	Trial 1	Trial 2	Trial 3	
Dimension/Dia of Stack (m)							
Height of stack (m)							
Ambient Temp. (°C)							
Stack Temp. (°C)							
Velocity of Stack gases (m/sec.)							
Flow (LPM)							
Total gas quantity emitted							



Performance Guarantee Report of Air Pollution Control Equipments installed at Tiroda Thermal Power Plant

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Trial 1		
Inlet Dust Load	:	mg/Nm ³
Emission from Its Connected Stack	:	mg/Nm ³
Operating Efficiency of ESP	:	%

Trial 2		
Inlet Dust Load	:	mg/Nm ³
Emission from Its Connected Stack	:	mg/Nm ³
Operating Efficiency of ESP	:	%

Trial 3		
Inlet Dust Load	:	mg/Nm³
Emission from Its Connected Stack	:	mg/Nm ³
Operating Efficiency of ESP	:	%

Average Operating Efficiency of ESP/Bag Filter $\,:\,00.00\,\%$

Approved By

4.0 Field Survey and Data Collection

The field data was collected at Adani Power Maharashtra Ltd., from five ESP connected to five boilers of 660 MW capacity, Seven Bag filters connected to six Fly Ash Silo's and one CHP crusher.

The Results of the field data and Analysis is provided below

Table 6 Consolidated Results of ESP

S. No.	Location	Trial	Inlet (mg/Nm³)	Outlet (mg/Nm³)	Operating Efficiency (%)	Average Operating Efficiency (%)	
	Unit#2 Boiler Duct	Trial 1	23244.49	24.22	99.90		
1.	Pass-A	Trial 2	21480.52	45.68	99.79	99.84	
	F d S S - A	Trial 3	25305.23	39.64	99.84		
	Unit#2 Boiler Duct	Trial 1	38758.44	38.50	99.90		
2.	Pass-B	Trial 2	32673.46	43.28	99.87	99.88	
	FaSS-D	Trial 3	37013.61	39.16	99.89		
	Unit#1 Boiler Duct	Trial 1	38409.89	33.00	99.91		
3.	Pass- A	Trial 2	36289.15	45.61	99.87	99.88	
	Pass- A	Trial 3	33010.72	40.05	99.88		
	Unit#1 Doilor Dust	Trial 1	30092.17	45.02	99.85		
4.	Unit#1 Boiler Duct	Trial 2	34427.17	38.92	99.89	99.87	
	Pass-B	Trial 3	40785.28	46.17	99.89		
	Unit#3 Boiler Duct	Trial 1	30340.91	45.42	99.85		
5.	S. Pass-A	Trial 2	33015.09	35.85	99.89	99.86	
		Trial 3	36082.56	48.97	99.86		
	Unit#3 Boiler Duct	Trial 1	34667.72	33.72	99.90		
6.	Pass-B	Trial 2	37300.31	47.61	99.87	99.88	
		Trial 3	35148.13	43.02	99.88		
	Hait#4 Dailan Daat	Trial 1	37991.44	45.26	99.88		
7.	Unit#4 Boiler Duct	Trial 2	34711.25	33.20	99.90	99.89	
	Pass-A	Trial 3	42466.46	48.01	99.89		
	Hait#4 Dailar Doot	Trial 1	32142.45	44.92	99.86		
8.	Unit#4 Boiler Duct Pass-B	Trial 2	40442.28	37.27	99.91	99.90	
	Pass-D	Trial 3	41447.87	29.09	99.93		
	Unit#F Doilor Duct	Trial 1	34197.77	26.97	99.92		
9.	Unit#5 Boiler Duct Pass-A	Trial 2	32596.53	39.10	99.88	99.90	
	r a55-A	Trial 3	31150.35	33.68	99.89		
	Unit#5 Boiler Duct	Trial 1	34197.77	26.97	99.92		
10.	Pass-B	Trial 2	32596.53	39.10	99.88	99.90	
	г а55-D	Trial 3	31150.35	33.68	99.89		

Average operating efficiency of ESP are 99.84% to 99.90%.

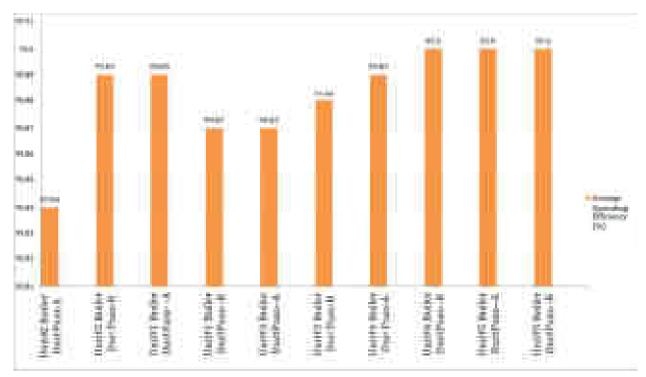


Fig. 15 Graphical Representation of Operating Efficiency of all installed ESP

Table 7 Consolidated Results of Bag Filter

Table / Consolidated Results of Dag Fitter									
S. No.	Location	Trial	Inlet (mg/Nm³)	Outlet (mg/Nm³)	Operating Efficiency (%)	Average Operating Efficiency (%)			
	CHP Crusher Duct Extraction	Trial 1	1117.75	8.19	99.27				
1.	Pass -A	Trial 2	1235.91	11.37	99.08	99.21			
1.	CHP Crusher	Trial 1	1306.18	10.44	99.20	99.21			
	Duct Extraction Pass -B	Trial 2	1021.27	7.08	99.31				
		Trial 1	6558.14	25.79	99.61				
2.	Fly Ash Silo	Trial 2	5108.94	21.82	99.57	00.50			
۷.	No.1	Trial 3	7093.89	26.94	99.62	99.59			
		Trial 4	5475.05	22.71	99.59				
		Trial 1	6634.48	13.70	99.79				
3.	Fly Ash Silo	Trial 2	8507.30	31.24	99.63	99.67			
3.	No.2	Trial 3	6952.67	22.43	99.68	99.07			
		Trial 4	6216.28	20.45	99.67				
		Trial 1	7862.01	23.27	99.70				
4.	Fly Ash Silo	Trial 2	7777.36	28.90	99.63	99.69			
4.	No.3	Trial 3	7401.94	18.05	99.76	77.07			
		Trial 4	10369.09	33.30	99.68				
5.	Fly Ash Silo	Trial 1	5489.52	19.46	99.65	99.69			
J.	No.4	Trial 2	7422.65	23.14	99.69	77.07			



S. No.	Location	Trial	Inlet (mg/Nm³)	Outlet (mg/Nm³)	Operating Efficiency (%)	Average Operating Efficiency (%)
		Trial 3	6573.06	18.88	99.71	
		Trial 4	6089.50	17.85	99.71	
		Trial 1	4716.35	19.96	99.58	
6.	Fly Ash Silo	Trial 2	4606.91	22.94	99.50	99.58
0.	No.5	Trial 3	5825.02	25.67	99.56	99.36
		Trial 4	6877.62	20.63	99.70	
		Trial 1	6908.81	26.01	99.62	
7.	Fly Ash Silo	Trial 2	6535.17	23.48	99.64	99.68
/.	No.5	Trial 3	7013.34	18.03	99.74	99.08
		Trial 4	7578.82	20.22	99.73	

Average operating efficiency of Bag Filter are 99.21% to 99.69%.

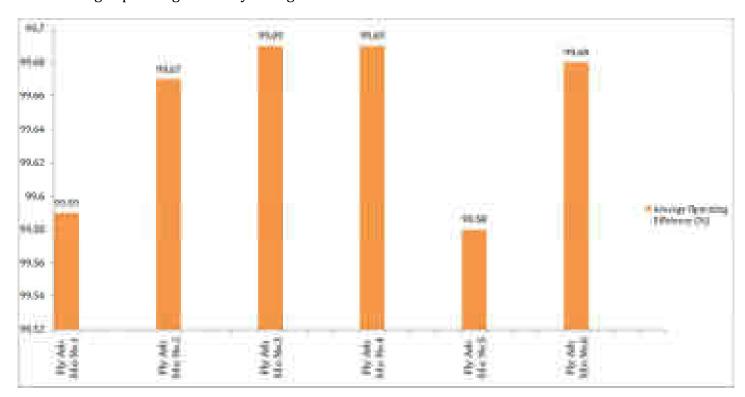


Fig. 16 Graphical Representation of Operating Efficiency of all installed Bag Filters

Site Photographs of Stack Sampling at Tiroda Thermal Power Plant





Unit#1 Boiler Duct Pass- A

Unit#1 Boiler Duct Pass- B





Unit#2 Boiler Duct Pass- A

Unit#2 Boiler Duct Pass- B





Unit#3 Boiler Duct Pass- A

Unit#3 Boiler Duct Pass- B





Unit#4 Boiler Duct Pass- A

Unit#4 Boiler Duct Pass- B



Unit#5 Boiler Duct Pass- A



Unit#5 Boiler Duct Pass- B







CHP Crusher Duct Extraction Pass -B



Fly Ash Silo No.1 (Inlet)



Fly Ash Silo No. 1 (Outlet)





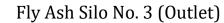
Fly Ash Silo No.2 (Inlet)

Fly Ash Silo No. 2 (Outlet)





Fly Ash Silo No.3 (Inlet)







Fly Ash Silo No.4 (Inlet)

Fly Ash Silo No. 4 (Outlet)







Fly Ash Silo No.5 (Inlet)

Fly Ash Silo No. 5 (Outlet)





Fly Ash Silo No.6 (Inlet)

Fly Ash Silo No. 6 (Outlet)

5.0 Recommendations and Conclusion



5.1 Recommendations

The Tiroda Thermal Power Plant is located at village Tiroda in Gondia District of Maharashtra state. The study has been carried out in order to identify the efficiency of Air pollution control equipments installed at strategic locations in the Tiroda Thermal Power Plant. All the elemental aspects of the study were carried out as per guidelines and methodology by CPCB/MPCB.

The site visit was carried out by the experts from Vardan EnviroLab for reconnaissance survey at Tiroda Thermal Power Plant. The sampling locations and time schedule was finalized for the testing of Air Pollution Control Equipments, at Adani Power Maharashtra Ltd. The Stack emission monitoring was carried out at the identified locations by Field executives of Vardan EnviroLab and the analysis for the same was conducted at Vardan EnviroLab. The Average Operating efficiency for Bag Filter was in the range of 99.21 to 99.69 % and the average operating efficiency for ESP was in the range of 99.84 to 99.90%.

From the study of Performance Guarantee of ESP and Bag filters, it is recommended that in order to maintain highly efficient pollution control equipments certain measures have to be undertaken. The following are recommended to be followed for better functioning of ESP and Bag Filters.

5.1.1 Electrostatic Precipitator

- 1. Plugging of leakage in the boiler/ESP System up to the stack. This will minimize infiltration as well as make ID Fans operation suitable to create adequate suction in the furnace.
- 2. Operating the boiler at stable load with minimum fluctuation.
- 3. Increasing current level of collecting electrodes of ESPs with lower current in initial fields and higher current in final fields.
- 4. Still-air tests to check the strength of the developed electric field around the discharge electrodes.
- 5. Straightening of bent discharge and collecting electrodes.
- 6. Replacement of worn collector plates.
- 7. Replacement of damaged discharge electrodes.
- 8. Refurbishment of rapper bearing assemblies.
- 9. For better & smooth operation of ESP needs to clean/wash on certain frequencies
- 10. It's better to have second alternative system to check the status of ESP hopper filled or Empty (Check through with the help of gamma ray sensors)

5.1.2 Bag Filters

- 1. In case of malfunction of bag-cleaning system, Check all cleaning-system components of the bag filter
- 2. For Re-entrainment of dust in collector due to low-density material or in leakage at discharge, Check the discharge valves and Lower the A/C ratio.
- 3. Reduce the inlet volume after discussions with designers
- 4. If in case of wetting of bags, Control the dew point excursions, use Dry bags with clean air and Clean bags with vacuum.
- 5. If Bag permeability increases then check the cleaning energy/cycle and reduce it, if possible
- 6. In case of Vibrations observed in the filter then check source and make appropriate changes
- 7. For Dew point excursions, carefully monitor and control the process.
- 8. Check & maintained air pressure in bag filters

5.2 Conclusions

Many of the Electrostatic precipitators and Bag filters in operation today are sized and designed to meet performance requirements as per the prevailing norms of MoEFCC and CPCB/SPCB. The Tiroda Thermal Power plant has installed the state of art pollution control equipment, so as to meet the prescribed norms. The Performance Guarantee test was conducted on **five ESP** and **seven Bag Filters** installed at the specific locations inside the Power Plant.

The Bag Filters and ESP installed at Tiroda Thermal Power Plant are efficient, stable and due to their high durability, these equipments provide economic benefit in long-term. More importantly they provide low concentration of emissions which subsequently helps in preserving environment and social conditions of the region. From the Performance Guarantee study, it can be concluded that the Efficiency of ESP and Bag filters is in accordance with the required standards. The stack emissions after passing through the ESP and Bag filters are observed to be below 50 mg/Nm³ thereby adhering to the norms of regulatory authorities.

Looking to the overall PG report, it has been noticed that the ESP and Bag filters installed at Tiroda Thermal Power Plant shall be considered sufficiently efficient and environmentally safe.

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Certificate

Single-use Plastic Free

Adani Power Maharashtra Limited

Plot A-1, Tirora Growth Centre, MIDC Area, Tirora, District Gondia-441911, Maharashtra, India

This is to certify that <u>Adani Power Maharashtra Limited</u>, (a subsidiary of Adani Power Limited) at the location mentioned above, is Single-use Plastic Free as verified by the Confederation of Indian Industry, under the provisions of the **Plastics-use Protocol: Verification and Certification (1.0)**.

This Certificate is valid from 16 August 2021 to 15 August 2022.

PLASTICS-USE PROTOCOL

Ms Seema Arora
Deputy Director General
Confederation of Indian Industry (CII)
Centre of Excellence for Sustainable Development (CESD)

Certificate Date: 16 September 2021 Certificate No.: CII/PuP/2021/021

This certificate has been awarded after the company fulfilled the requirements for phasing-out single-use plastics and provided evidence for it. Responsibility for the data provided to CII rests solely with the company. The conditions of certification, and items are detailed in the Annex.





The certification applies to the following single-use plastic items:

- Cutlery (knives, forks, spoons, plates, glasses, cups, stirrers, straws)
- Crockery (plates, glasses, cups)
- Paper cutlery with plastic lining (plates, cups)
- Cutlery made up of Styrofoam or Thermocol or Polystyrene (plates, glasses, cups)
- Thermocol or Polystrene food containers
- Carry bags
- Dustbin liners
- Items of decoration (including those made of polystyrene)
- Cling film
- Water Pouches
- Non-woven polypropylene bags

Organizational Boundary: Adani Power Maharashtra Limited Plant Premises

Operational Boundary: Office areas, Canteen, and Operations

Material Boundary: Single-use Plastics

Reference

Verification Date: 16 August 2021

Verification Report No.: PuP/Verification/2021/APML/001

Mode: On account of the COVID-19 pandemic, the verification process was virtual and

followed provisions outlined in the Verification Procedure 1.0 of the Protocol

adani

WATER BUDGETING STUDY FOR TIRODA THERMAL POWER PLANT (5x660 MW)

ADANI POWER MAHARASHTRA LIMITED TIRODA GROWTH CENTRE, MIDC TIRODA GONDIA - 441911 (MAHARASHTRA







March 2021

WATER BUDGETING STUDY FOR TIRODA THERMAL POWER PLANT (5x660 MW)



ADANI POWER MAHARASHTRA LIMITED TIRODA THERMAL POWER PLANT PLOT NO. A-1, TIRODA GROWTH CENTRE, MIDC TIRODA DISTRICT GONDIA 441911 (MAHARASHTRA)



Executed by

Academy of Water Technology and Environ Management, Kolkata – 700 008

In Technical Collaboration with

Department of Environment Management IISWBM, Kolkata — 700 073

March, 2021

FOREWORD

Adani Power Maharashtra Limited (APML), a wholly owned company of Adani Power Limited, has set up 3300 MW (5x660) coal-based super critical thermal power plant at Tiroda under Gondia District of Maharashtra State. With reference to the Ministry of Environment, Forest& Climate Change (MoEF&CC), Government of India (GoI), Environmental Clearance (EC) for Tiroda TPP as well as Consent to Operate for Tiroda TPP of Maharashtra Pollution Control Board (MPCB) Water Budgeting and Action Plan for Recycling of Treated Effluent of Tiroda TPP is required to be formulated for achieving effective Zero Liquid Discharge (ZLD) and maintaining specific water consumption within the applicable prescribed limit as per MoEF&CC notification dated 7th December, 2015 and as amended 28th June, 2018. Accordingly, APML engaged Academy of Water Technology & Environ Management (AWTEM) in technical association with Department of Environment Management, Indian Institute of Social Welfare and Business Management (IISWBM), Kolkata (a constituent Institute of University of Calcutta) as research consultant to undertake Water Budgeting Study (WBS) for Tiroda TPP of APML.

The prime objectives of the present study was to assess the process wise water consumption pattern and estimate specific water consumption along with assessment of the recycling & reuse potential of treated effluent and formulation of implementable action plan to optimize the water consumption and effective maintenance of ZLD. The present WBS is primarily based on secondary data collected from Environment Department of APML as well as the field observation and interaction with various stakeholders undertaken during January-March, 2021. This WBS report presents status of specific water consumption, water balance diagram, effectiveness of WTP, ETP & STP, AWRS, RWHS as well as status of recycling and reuse of treated waste water along with implementable solution for enhancing water efficiency of Tiroda TPP.

This study would not have been possible without the constant support and guidance of Shri Santosh Singh, SrVP and Shri R. N. Shukla, AGM, Corporate Environment Group, Adani Power Limited, Ahmedabad. We gratefully acknowledge their untiring efforts for timely completion of the study.

The cooperation and guidance received from Shri Kanti Biswas, Plant Head; Shri A. P. Singh, Head, Environment Department; Shri Vijendra Khandekar, Shri Girish Kulkarni, Environment Department, APML and other executives and staff of APL and APML in conducting this study is highly acknowledged.

Dr Ashim Kr Bhattacharya Executive Director, AWTEM

West The Corps

Kolkata March 30, 2021

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Specific Water Consumption Norms for Thermal Power Plants (MoEF&CC Notifications 7th December, 2015 and 29 June 2018)

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LIST OF ABBREVIATIONS

ABBREVIATION DESCRIPTION

AHP : Ash Handling Plant
APL : Adani Power Limited

APML : Adani Power Maharashtra Limited

AWTEM : Academy of Water Technology & Environ Management

AWRS : Ash Water Recovery System

CHP : Coal Handling Plant
COC : Cycle of Concentration

CT : Cooling Tower

CTBD : Cooling Tower Blow Down

DM : Demineralized

EC : Environmental Clearance
EHS : Environment, Health & Safety
ETP : Effluent Treatment Plant
Gol : Government of India

Ha : Hectare

IISWBM : Indian Institute of Social Welfare & Business Management

LSI : Langlier Saturation Index MCM : Million Cubic Meter

MPCB : Maharashtra Pollution Control Board

MoEF&CC : Ministry of Environment, Forests & Climate Change

MTPA : Metric Tone per Annum

MW : Megawatt

O&M : Operation & Maintenance
ORP : Oxidation Reduction Potential

QoL : Quality of Life

STP : Sewage Treatment Plant
SPCB : State Pollution Control Board

TPP : Thermal Power Plant

TTPP : Tiroda Thermal Power Plant
WBD : Water Balance Diagram
WBS : Water Budgeting Study
WTP : Water Treatment Plant
ZLD : Zero Liquid Discharge

EXECUTIVE SUMMARY

1.0 INTRODUCTION

The Adani Group (1988) has grown from being a trading house to a diversified business group with interests from infrastructural development to FMCGs. The Adani Group has made foray into high growth sector like Power, Infrastructure, Global Trading, Logistics and Energy. Adani Power Limited (APL), a member of the Adani Group, has taken up implementation of large Thermal Power Projects at various locations in India in view of the growing needs of power requirements in the country. APL is also actively planning to implement Thermal Power Stations at various locations in India, totaling to about 20,000 MW in the coming years. Adani Power Maharashtra Ltd (APML), a wholly owned company of Adani Power Limited, has set up Tiroda Thermal Power Plant (TTPP) of 3300 MW (5x660) capacity near Tiroda town under District Gondia in Maharashtra.

With reference to the Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India (GoI), Environmental Clearance (EC) for Tiroda TPP as well as Consent to Operate for Tiroda TPP of Maharashtra Pollution Control Board (MPCB) Water Budgeting and Action Plan for enhancing the efficiency of water utilization and water conservation measures by potential recycling/reuse waste water of Tiroda TPP is required to be formulated for maintaining effective Zero Liquid Discharge (ZLD) and as well as specific water consumption within the applicable prescribed limit as per MoEF&CC notification dated 7th December, 2015 and as amended 28th June, 2018.

Accordingly, the present water budgeting study was entrusted to Academy of Water Technology & Environ Management in technical collaboration of Department of Environment Management, IISWBM, University of Calcutta. The prime objectives of the present study includes:

- ➤ To assess the process wise water consumption pattern and estimate specific water consumption of Tiroda TPP;
- > To evolve optimum water budget for Tiroda Thermal Power Plant;
- > To assess the recycling potential of treated effluet and formulation of action plan to recycle the treated effluent at Tiroda TPP;
- > To delineate mechanism for Implementation of Integrated Water Management Plan for Tiroda TPP.





The major scope of the study includes the undertaking of a reconnaissance survey. On the basis of the reconnaissance survey a framework have been evolved for undertaking time bound detailed field survey for assessing the process wise water consumption pattern and availability of water at river Wainganga besides collecting other primary as well as secondary data required for water budgeting and formulation of action plan for recycling of treated effluent.

2.0 PROJECT DETAIL

The salient features of a 3300 MW (5 \times 660 MW) coal based super critical Tiroda Thermal Power Plant are as follows:

Item	Particulars
Location of the Plant	Town: Tiroda, District: Gondia
	State: Maharashtra
Co-ordinates	Latitude: 21°24'42.9" North and
Co-ordinates	Longitude: 79°58′14.9″ East
Net capacity	3300 MW
No. of Units and configuration	Phase I – 2 x 660 MW
No. of offics and configuration	Phase II – 3 x 660 MW
Date of Commercial Operation (COD)	Phase I – Unit 1: September 23, 2012
	Unit 2: March 30, 2013
	Phase II – Unit 3: June 14, 2013
	Unit 4: March 31, 2014
	Unit 5: October 11, 2014
Technology	
Steam Generator	Super critical
	Pressure 255 kg /cm ²
	Temperature 571°C
Turbo Generator	Turbine -246 kg/cm ² (a), 563°C, 3000 rpm
	Generator - 660 MW (Each unit)
	Generator Transformer - 776 MVA
Major Auxiliary System	Boiler & Turbine Auxiliaries
	Pretreatment Plant
	Compressed Air System
	 Coal and Ash Handling System
	CW System and Raw Water System
	Fire-fighting System
	Air conditioning System





Item	Particulars	
	Ventilation System	
Stack Details		
No. of Stack	2	
Stack Height (meter)	275 each	
No. of flue	Five	
Additional equipment	Electrostatic Precipitator	
Coal	Indigenous Coal – 15.0 MTPA	
	(6.3 MTPA for Phase I &	
	8.7 MTPA for Phase II)	
	Transportation: Railways	
Land		
MIDC Land	402.00 ha	
	[210 ha for Phase I & 192 ha for Phase II]	
Forest land	163.84 ha	
Water		
Cooling Technology	Induced draft cooling system	
Total Water Requirement	70 MCM	
Daily Water Consumption	191760 m³/day	
Total Discharge	'Zero Discharge Norm' is being followed	
General Information		
Manpower Requirement (Total)	Approx. 500	
Total Project Cost	Rs 18,476 crores	

3.0 APPROACH & METHODOLOGY

The present study have been exploratory in nature based on primary as well as secondary data. Methodology adopted for water budgeting study for Tiroda TPP includes a critical assessment of the quality and quantity of water required for various applications i.e. raw water inlet & outlet, boiler feed water makeup, cooling tower makeup, process water and water for drinking and sanitation and undertake water budgeting for the entire plant as well as individual unit viz. CT, AHP, CHP, DM Plant, etc. Critically review of the existing Water Balance Diagram also have been undertaken using last 5 years water uses data i.e. 2016 to 2020 of Tiroda TPP and modified water balance diagram with existing consumption pattern have been evolved.

Detail study have been undertaken based on primary as well as available secondary data for the performance evaluation of WTP, DM, RO, ETP and STP plants and various measures have been suggested for improving its performance. Study was also undertaken to assess the recycling





and reuse pattern of various waste water generated and based on the study various measures have been identified to enhance the efficiency of water use and potential recycling and reuse of waste water to conserve the fresh water.

A kick-off meeting was organised on 10th February, 2021 to discuss the modalities for initiating the water budgeting study for Tiroda TPP and logistic support required for the same under the guidance of Shri Kanti Biswas, Station Head, Tiroda TPP, APML and R. N. Shukla, Corporate Environment Group, APL and Shri Arun Pratap Singh, Head (Environment), TPPP, APML with AWTEM & IISWBM team members.

During the introductory meeting with Shri Arun Pratap Singh, Head (Environment), TPPP, APML along with Mr Vijendra Khandekar, Mr Girish Kulkarni, Mr Tapan Singh, Mr Priyabrata Satapathy, Mr Dinesh Gupta, Mr Animesh Mukhopadhyay, Mr Manoj Yadav and Mr Om Prakash, TTPP, APML and AWTEM & IISWBM team members, initially Shri Singh, Head (Environment) mentioned the objectives of proposed study as well as time period which need to be considered for the same. Mr Khandekar explained the existing water consumption pattern and initiatives taken for recycling and reuse of water at TTPP and emphasised the recent interventions of TTPP and their salient features viz. Ash water recovery system, Water Conservation & Rain Water Harvesting, etc. Subsequently Shri Singh also highlighted the prime thrust area and coverage of proposed study to be undertaken by AWTEM & IISWBM and mentioned that the study should consider all the major issues in line with the regulatory agency's requirement as well as needs of plant while assessing the unit wise water consumption pattern, efficiency/performance of treatment system and potential for recycling & reuse of treated waste water to reduce the raw water consumption. Accordingly, the secondary data required for the purpose were submitted by AWTEM & IISWBM.

Dr. Agrawal requested to Shri Singh to kindly provide required data/information for the present study. Accordingly, Dr. Agrawal submitted checklist of detailed information required in connection with water budgeting study of APML. The time schedule for initiating the field survey and data collection was discussed in view of prevailing pandemic (COVID-19) and technical as well as logistic support required for the same. Shri Singh suggested to undertake field survey and data collection in consideration of prevailing norms and guidelines of Central and State Governments with proper protection of project team members as well as other stakeholders involved in the present study and the same was agreed by AWTEM & IISWBM project team.

As discussed in earlier section, the field survey and data collection was undertaken between February-March, 2021. The series of meeting with various concerned executive/officers of TTPP, APML were conducted to understand plant/unit wise water consumption pattern, detail of water and waste water treatment, recycling & reuse of treated waste water along with the





performance evaluation as well as their suggestions for improving the efficiency and potential for further utilizing the treated waste water to effectively maintain the ZLD at Tiroda TPP.

4.0 WATER BALANCE

Water is used in energy production and supply, and in turn energy is used for pumping, moving and treating water. Freshwater is required for energy extraction and production, refining and processing, transportation and storage and generation of electric power itself. There lies a close nexus between water and energy in the production cycle. A typical list of plant systems/applications requiring consumptive water in coal based TPP includes:

- Cooling water system for condenser & plant auxiliaries
- Ash handling system
- Power cycle make up
- Equipment cooling system
- CPU regeneration, if applicable
- Air conditioning and ventilation system
- Coal dust suppression system
- Service water system
- Potable water system
- Green belt development/horticulture
- Evaporation from raw water reservoir

With increasing water scarcity, the power sector faced with dwindling supplies of freshwater and increasing costs of water on the one hand and increasing pollution of water sources on the other. Therefore quantitative and qualitative analysis of water consumption/use to identify losses and options for water conservation by means of recycling and reuse of water become one of the critical element of ensuring water security for TPP.

The main source of raw water for the Tiroda TPP is the Wainganga River which is about 5 km away from plant. There are two parallel pipelines which convey water from the source to the raw water reservoir. Water is stored in four raw water reservoirs which also facilitates primary sedimentation. The total capacity of all water reservoirs is approximate 7.361 MCM. The Water Resource Department, Government of Maharashtra has permitted the withdrawal of 70 MCM per annum of water from Dhapewada Sub-Irrigation scheme, Kawalewada. However, the actual withdrawal is less than 50 MCM per annum.

The analysis of last three years data i.e. 2017-18 to 2019-20 reveals that the average yearly consumption of water in TTPP was 48512592 m³/year (i.e. 132911.23 m³/day) with overall PLF of 72.01% which translate into 2.33 m³/MWh specific water consumption rate which is well within the prescribe norm of MoEF&CC i.e. 3.5 m³/MWh. The analysis further reveals that the





specific water consumption rate of TTPP has significantly come down from 2.38 to 2.26 m³/MWhr over the last three years due to various water conservation and recycling measures adopted in the TTPP in the recent past.

The study of existing water balance of of TTPP (Unit 1 to 5) indicates that the total raw water consumption has come down from 219490 m³/day to 180312 m³/day including the evaporation losses at water storage reservoirs (i.e. 2160 m³/day). The various water efficiency and conservation measures including recycling and reuse of waste water adopted in Tiroda TPP in recent past resulting about 20% reduction in raw water consumption (i.e. saving of raw water of about 39178 m³/day). The maximum water is being consumed as cooling tower makeup water i.e. 152256 m³/day which account for nearly 85% of total raw water consumption in Tiroda TPP. However DM make-up water account for about 3% of total raw water consumption in Tiroda TPP. For suppression of dust in CHP and AHP no fresh water is being used as treated waste water is being recycled/reuse for the purpose.

5.0 PERFORMANCE EVALUATION OF WTP

To evaluate the performance of water treatment plants and improve the efficiency the characteristics of raw water need to be assessed. Accordingly, the long term trend of variations of raw water quality based on the physio-chemical characteristics of raw water as recorded during last three year 2018 to 2020 have been analysed. The analysis of long-term trend of characteristics of raw water reveals that pH of raw water at intake varies from 7.8 to 8.6. Whereas during monsoon month (i.e. July – September) pH of raw water varies from 7.8-8.2 and remaining months it was recorded in the range of 8.3 to 8.6. The turbidity of raw water varies from 5 to 115 NTU. Whereas during monsoon month (i.e. July – September) turbidity of raw water is maximum and varies from 45 – 115 NTU and remaining months it was recorded in the range of 5 to 15 NTU. Total Dissolved Solids (TDS) of raw water at intake varies from 100 to 220 mg/l. Whereas during monsoon month (i.e. July – September) TDS of raw water is lowest and varies from 100 to 175 mg/l and remaining months it was recorded in the range of 170 to 220 mg/l. Total hardness of raw water varies from 65 to 135 mg/l. Whereas during monsoon month (i.e. July – September) total hardness of raw water is lowest and varies from 65 to 110 mg/l and remaining months it was recorded in the range of 70 to 135 mg/l.

APML have installed two Water Treatment Plant (WTP). Raw water is pumped from the reservoir to the clarifiers of water treatment plants. Clarified water is sent to cooling towers as makeup water as well as DM plant for de-mineralisation. Part of clarified water is also being directly used in auxiliary systems.

The performance evaluation of cooling tower water circulation system and efficiency of water use has been carried out based on the quantity of use of CT makeup water along with its quality





as well as quality of CT circulation water and COC. As per analysis results, the positive value LSI indicates that water is scale forming in nature rather than corrosive. Further, it has been found the circulating water pH is ranging from 8.3 to 8.5 and Calcium Hardness varies from 300 to 540 mg/l which are most significant parameter with respect to scale forming rather than TDS. It is important to note that the LSI value of the recirculating cooling water presently observed to be follow in the higher side of the scale forming—as—LSI value lies between 1.4-1.8 range against maximum allowable LSI is 2. Actually, LSI range for scale forming nature — 0.5-2.0. Based on above, it is recommended that if the LSI vale can be kept between 0.9 -1.2 range—colling water system will be much less prone to scale formation compare to present condition. This can be achieved by simply maintaining the pH in the range of 7.8-8.2 (the best pH range for running a cooling water system). Calcium hardness can go up to its highest value 540 and COC of 6 can also be achieved. Further, it is recommended for chemical treatment of cooling water using scale dispersant based on advance dispersion polymer technology along with the conventional scale inhibitors to provide enhance protection to the heat exchange systems. By implementing the same, the COC may go up even higher than 6 as well.

As mentioned earlier the part of clarified water is being sent to DM Plant (RO and MB units) for demineralisation to be used as boiler feed water and other auxiliary services. To get high-purity demineralized water for boiler feed makeup water the mixed bed (MB) unit is being used in Tiroda TPP. The MB unit consist of two types of resins, cation & anion in the same column. The resins are separated by water during regeneration and mixed with air for service cycle. The analysis of characteristics of RO & MB water against the designed parameters reveals that conductivity of RO is varying from 17.0 to 19.3 micro-Siemens against the designed value of 30 micro-Siemens. Whereas conductivity and Silica content of MB water is varying from 0.5 to 0.7 micro-Siemens and 9 to 15 ppm against the designed value of 1 micro-Siemens and 20 ppm respectively.

6.0 PERFORMANCE EVALUATION OF WASTE WATER TREATMENT PLANTS

The prime sources of wastewater generation in TTPP include cooling tower blow down, DM plant effluent, ash pond water, auxiliary service, washing, cleaning and other domestic waste water. The various treatment systems have been provided based on nature of waste water. The waste water generation rate at TTPP was found to be 0.636 m3/MWh of power generated.

All the cooling water systems provided are of the open recirculation type with natural draft cooling towers. Majority of the CTBD water is presently being used for ash handling and dust suppression in CHP and some amount is stored in guard pond for subsequent recycling/reuse in AHP/CHP. However to enhance the water use efficiency it is proposed to recycle/reuse around 600 m³ /hr CTBD with appropriate treatment as CT makeup water to reduce the fresh water





consumption.

Ash slurry/ash water is taken into ash pond (i.e. with ash water ratio of 1:5) and 60% of ash water is recovered through ash water recovery system (AWRS) and reused in ash handling. It is proposed to enhance the ash water recovery efficiency to 70% by adopting the measures for reducing the collection and transportation losses/leakages through AWRS as well as improving the efficiency of clarifier being used to clarify the recovered ash water from ash pond. This will reduce the requirement of CTBD water for ash handling and potential utilization of the same.

Acid and alkaline streams from DM plants are taken separately and neutralized in neutralization pit and sent to the ETP. DM effluent and floor washing effluents are treated in a separate effluent treatment plant. Domestic wastewater from the plant after treatment in STP is being reused for green belt development.

Coal pile area run off is being generated due to rainfall on the coal stockpile area. This waste stream is thus only being generated during monsoon months. The coal pile yard has been provided with a garland drain to channelize the run off to a properly designed settling pond. The overflow from the settling pond has been led to a sump and from this sump the same is being pumped to the CMB. This effluent, after treatment, is being pumped to CHP reuse tank. Effluents generated from the coal pile area due to dust suppression system is also being conveyed by the same garland drain and treated in the same settling pond.

To treat the DM plant waste water along with effluent generated from floor washing & cleaning is being treated through ETP (2 x 25 m³/hr capacity) have been installed. The effluent is being led to an oily wastewater collection sump [Fuel Oil Area Oily Wastewater Sump (FOAOWS)] by gravity. From this sump, the oily wastewater is being pumped to Power House Oily Wastewater Sump (PHOWS) for treatment in TPI type oil water separator. The central monitoring basin has two compartments. The maximum wastewater quantity (except rainfall runoff) entering the central monitoring basin from various sources is 270 m³/hr. Central monitoring basin is acting as an equalization basin for the selected effluent stream. The discharge header of Central monitoring basin disposal pumps has been installed with pH/turbidity & flow monitoring instruments. The analysis of characteristics of treated waste water and the extent of deviation from the waste water discharge standards prescribed by MPCB reveals that the pollutant load in treated waste water is well within the prescribed limits.

For the treatment of domestic waste water of plant as well as the township, conventional and modular sewage treatment plants has been installed to decentralize the sewage treatment system for optimizing the installation and operation cost. Two conventional STP of 120 KLD of each (MBBR technology based) has been installed within the plant. STP-I is primarily for unit 1, 2 & 3 and STP-II for units 4 & 5. Both the STP has been operationalized for treating the domestic as well as other service waste water being generated within the plant area. In addition to this, a





modular STP of total capacity 240 KLD has been installed and operationalized in township for treating the domestic wastewater of various sections of township. The analysis of characteristics of treated waste water and the extent of deviation from the domestic waste water discharge standards prescribed by MPCB reveals that the pollutant load in treated waste water is well within the prescribed limits.

7.0 RECYCLING & REUSE OF WASTE WATER

The use of high volumes of water in the thermal power plants necessitates undertaking water conservation measures. A precursor to undertaking these is a systematic water audit and quantifying water flows at each pumping station and drawing up a water balance. Water audits facilitate in quantifying the inflows and outflows, the losses or wastage which can be optimised by taking appropriate water conservation measures.

Tiroda TPP have adopted various measures for recycling and reuse of waste water for enhancing the efficiency of water use as well as minimization of fresh water consumption besides maintaining the zero liquid discharge (ZLD). The prime measures which have been adopted for the purpose are discussed in subsequent sections.

- Increasing Cycles of Concentration (COC): Maximum water loss in the thermal power plants occurs in the cooling towers, in the form of evaporation. Make up water is provided to compensate for this evaporation loss, the blow down losses and drift losses. Since the water is circulated many times in the closed loop, the concentration of dissolved solids increases over a period of time. The cycles of concentration (COC) is the ratio of dissolved solids in the circulating water to the make-up water. Increasing COC results in significant saving of water in TPPs. Cooling towers of Tiroda TPP are designed for a COC of around 5.5. By increasing COC, the blow down quantity can be reduced by external water treatment and adding water treatment chemicals, COC of 6 and even more can be reached.
- Optimising ash-water ratio: Around 45-50 per cent of the total water use is consumed in ash handling. Typical design ash water ratios are around 1:5 for fly ash and 1:8 for bottom ash. However, in the Tiroda TPP the actual ash water ratio of 1:5 is being maintained for bottom ash disposal and high concentration disposal system (HCDS) for fly ash to reduce the dilution of ash slurry resulting in energy conservation as well as water conservation. For every percent reduction of ash water ratio, there is a saving potential of 180 to 200 m³/hr of water required for ash disposal in Tiroda TPP.
- Recycling ash water from the ash dyke: Once the ash gets settled in the dykes, the
 decanted water can be recycled and re-used for ash handling purpose after minor
 treatment. Accordingly ash water recovery system have been installed and operational.





Presently AWRS is operational with 60% ash water recovery efficiency which can be enhanced upto 70% recovery efficiency by effective maintenance of collection and treatment system along with minimization of leakages and other losses during collection and transportation of the same.

- Reducing leaks and over flows: Leakages from valves, taps, fire fighting hoses, underground fire fighting lines, cooling tower basin, gardening hoses area also a source of water loss. Overflows from cooling towers of AC plants, and overhead tanks due to non-functioning of float systems are also a common feature in thermal power plants. There lies a possibility of reducing the water consumption by plugging the leakages.
- Wastewater recycling: The installation and efficient operation of wastewater treatment plants at Tiroda TPP enable recycling 100 per cent of the wastewater generated which are being used for purposes like gardening, green belt development, dust suppression and fire fighting, etc.

The prime measures being adopted for recycling/reuse of waste water to reduce the consumptive use of water as well as to maintain zero liquid discharge in Tiroda TPP includes:

	Water Conservation and Recycling/Reuse Practices adopted at TTPP		
S No.	Department	Water Recycling Practices	
1		Waste water from coal settling pit of stacker - I reused in Sprinkling	
2	СНР	DH-1 settling pit for sprinkling	
3		Wagon Tippler & Track Hopper wastewater reused in Stack Reclaimer - II settling pit for sprinkling	
4	Operation	Change of source of water for Mill Reject System from service water to fore bay water	
5	Environment	Treated water from STPs reused in green belt maintenance (monthly value take from flow meter).	
6		Excess water from CTBD reused in water sprinkling on road and civil activities.	
7	AHP	Wastewater from ESP vacuum pump reused in AHP at Unit # 4 &5.	
8	Chemistry	Ro reject is completely reused in CHP for dust suppression.	
9		Waste water from sludge pit of unit 4 & 5 transfer to PTP for reuses.	
10		Wastewater from DM plant N - pit reused in AHP	
11		Wastewater (Unit 1, 2 & 3) PTP being recycled	
12	12 AHP	Seepage water diverted to Stilling chamber	
12		Ash Dyke Seepage Water Recycled through AWRS system	
13	Horticulture	Reuses of CTBD for green belt development	





8.0 ACTION PLAN FOR WATER MANAGEMENT

The Government of India, in its National Water Mission (NWM) under the National Action Plan on Climate Change (NAPCC), has emphasized the need to develop a framework for optimizing water use efficiency by 20 per cent, through regulatory mechanisms with differential entitlements and pricing. It further emphasizes the need to focus on integrated water resource management through water conservation, wastewater minimization, etc. This require power sector especially coal based thermal power plant being one of the major water intensive industrial sector to optimize their water use efficiency and enhance water conservation, recycling, and reuse measures. Accordingly, to enhance the water use efficiency and conservation measures in Tiroda TPP the cost effective action plan has been formulated.

On the basis of present water budgeting study for Tiroda TPP following potential area have been identified for enhancing water use efficiency and conservation measures:

- Enhancing the water use efficiency of cooling towers by enhancing the CoC initially to around 6, and later to maybe even more by various interventions, including the use of stabilizing chemicals and disinfectants, thus saving a large quantity of fresh water needed as make-up.
- Improving the recycling/reuse potential of Cooling Tower Blow Down (CTBD) water besides being used for ash handling by effective treatment to reduce fresh water needed as make-up.
- Enhancing the recovery of ash water from 60% to 70% by checking the leakages and effective maintenance of AWRS including chemical dosing etc. Efficient recapturing and recycling ash water has a significant potential for water savings.
- Minimization of leakages and losses of water in systems would lead to help in enhancing the water use efficiency and reduce fresh water consumption.
- Potential utilization of guard pond water after appropriate treatment.

As discussed in earlier chapters, the major quantity of water utilized in Tiroda TPP is for CT makeup. The other water consuming area covers boiler feed water, service water and domestic water. Based on the detail assessment of water quality and consumption pattern of Tiroda TPP the various significant area have been identified with respect to potential water recycling, water footprint reduction and at the same time reducing freshwater consumption on long term sustainable basis with an overall objective of maintaining zero liquid discharge.





The total CT Blowdown has been found to be around 1205 m³/hr as per existing water balance. On the basis of discussions held with concerned officials of APML as well as exploration made from present water budgeting study it has been observed that this CTBD water has an enormous opportunity for potential recycling and ruse. Accordingly based on detailed exploration of the present CTBD generation and its recycling/reuse pattern it has been proposed that cost-effective treatment system may be designed for 50 % of CTBD (i.e. around 600 m³/hr) for potential reuse of the same to reduce the fresh water requirement for CT makeup. Remaining 50% of the CTBD water can be utilized in AHP as per present practices.

Accordingly, proposed treatment scheme using CTBD water (@600m/hr) has been worked out based on Conventional followed by Advance Technology for recycle and reuse with 85 -87% recovery. In this scheme detail of treatment cost/project cost, O&M cost has been also worked out to understand the Capex and Opex and Payback period by analyzing typical raw water transportation cost, treatment cost, manpower, chemical and energy cost, etc. Considering the typical cost of raw water for TPP payback period of proposed treatment system would be less than 30 months and implementation of such recycling system would be leading to achieve a significant water conservation measures through CTBD recycling thereby reducing fresh water consumption of about 11520 m³/day (4147200 m³/year) for CT makeup on sustainable basis.





1.0 INTRODUCTION

1.1 PROLOGUE

The Adani Group (1988) has grown from being a trading house to a diversified business group with interests from infrastructural development to FMCGs. The Adani Group has made foray into high growth sector like Power, Infrastructure, Global Trading, Logistics and Energy.

Adani Power Limited (APL), a member of the Adani Group, has taken up implementation of large Thermal Power Projects at various locations in India in view of the growing needs of power requirements in the country. APL is also actively planning to implement Thermal Power Stations at various locations in India, totaling to about 20,000 MW in the coming years.

Adani Power Maharashtra Ltd (APML), a wholly owned company of Adani Power Limited, has set up Tiroda Thermal Power Plant (TTPP) of 3300 MW (5x660) capacity near Tiroda town under District Gondia in Maharashtra (Figure 1.1).

With reference to the Ministry of Environment, Forest& Climate Change (MoEF&CC), Government of India (GoI), Environmental Clearance (EC) for Tiroda TPP as well as Consent to Operate for Tiroda TPP of Maharashtra Pollution Control Board (MPCB) Water Budgeting and Action Plan for Recycling of Treated Effluent of Tiroda TPP is required to be formulated for achieving effective Zero Liquid Discharge (ZLD) and maintaining specific water consumption within the applicable prescribed limit as per MoEF&CC notification dated 7th December, 2015 and as amended 28th June, 2018 (Annexure I).

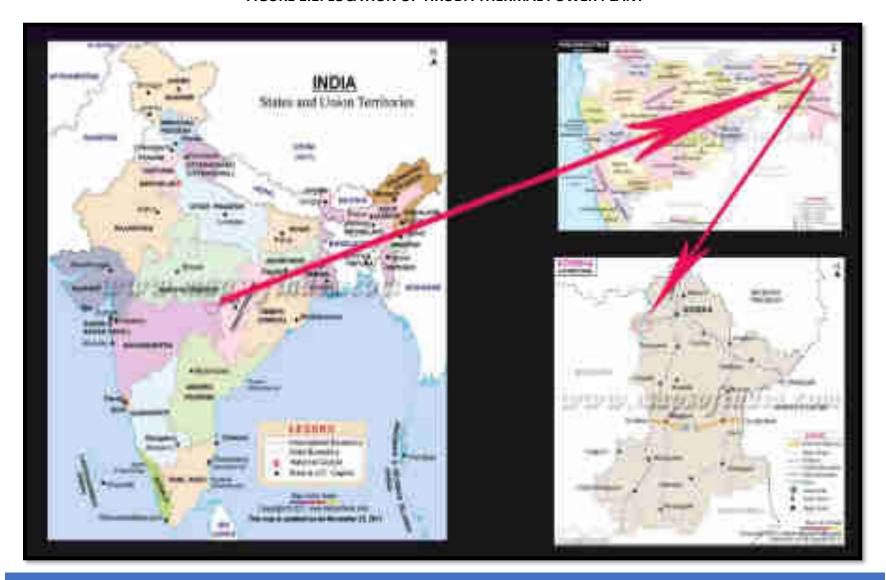
Accordingly, in compliance to the conditions of MoEF&CC's EC as well as MPCB's CTO for Tiroda TPP, Water Budgeting and Implementable Solutions for Tiroda TPP need to be evolved to reduce specific water consumption and conserve freshwater resources to ensure water security and sustainability.

The present study would enable Adani Power Maharashtra Limited to meet the requirement of MoEF&CC's EC and MPCB's CTO compliance besides meeting its mission of being enviro-socially responsible corporate entity with thrust on sustainability.





FIGURE 1.1: LOCATION OF TIRODA THERMAL POWER PLANT







1.2 OBJECTIVES OF THE STUDY

The prime objectives of the proposed study are as follows:

- To assess the process wise water consumption pattern and estimate specific water consumption of Tiroda TPP;
- To evolve optimum water budget for Tiroda Thermal Power Plant;
- To assess the recycling potential of treated effluet and formulation of action plan to recycle the treated effluent at Tiroda TPP;
- > To delineate mechanism for Implementation of Integrated Water Management Plan for Tiroda TPP.

1.3 SCOPE OF THE STUDY

Water is one of the key input requirements for thermal power generation. For Tiroda TPP the raw water is drawn from river Wainganga. Water security for thermal power plants due to depleting freshwater resources are one of the prime concerns for sustainable power generation and conservation of natural resources. This problem is expected to be aggravated more in near future. Thus, there is an urgent need to adopt the measures to minimise consumptive water requirement for thermal power plants.

The scope of the study includes the undertaking of a reconnaissance survey. On the basis of the reconnaissance survey a framework has been evolved for undertaking time bound detailed field survey for assessing the process wise water consumption pattern and availability of water at river Wainganga besides collecting other primary as well as secondary data required for water budgeting and formulation of action plan for recycling of treated effluent.

The prime scope of work of present study includes "Water Budgeting with detailed report and Implementable Solutions" for 5X660 MW Tiroda Thermal Power Plant at Village: Tiroda, Dist. Gondia, Maharashtra. The detail scope of study covers following:

1. A critical assessment of the quality and quantity of water required for various applications which include, raw water inlet & outlet, boiler feed water makeup, cooling tower makeup, process water and water for drinking and sanitation and draw a water mapping/balance (Water budgeting) for the entire plant as well as individual unit (AHP, CHP, DM Plant, Main Plant & etc.).





- 2. Critically review of the existing Water Balance Diagram and modification with existing consumption pattern.
- 3. Study the performance of WTP, DM, RO, ETP and STP plants and suggest measures for improving its performance.
- 4. Evaluate and identify opportunity for recycle and reuse of water quality & quantity in individual section and overall to achieve zero discharge.
- 5. Identification of major consumption locations and measurement of the flow of open and close channels.
- 6. Suggest cost effective technology for maintaining Zero Discharge.
- 7. Explore opportunity for maximum utilization of Cooling Tower Blow-Down (CTBD) Water.
- 8. Preparation & Submission of Draft report incorporating covering all activities carried out as a part of complete water audit with budgetary details (proposed expenditure) as per recommendations.
- 9. Preparation & Submission of final report incorporating all observations and suggestions in both hard as well as in soft copy.





2.0 PROJECT DETAIL

2.1 PROJECT DETAIL

A 3300 MW (5 \times 660 MW) coal based super critical thermal power plant has been set up by APML. The layout of Tiroda TPP is presented in Figure 2.1. The brief description of the plant is presented in Table 2.1. In addition to coal, Light Diesel Oil (LDO) and Heavy Fuel Oil (HFO) are used as an auxiliary liquid fuel. LDO is used for cold start up and HFO is used for flame stabilization at lower load. The main plant is arranged within the three interconnected structures, the boiler, turbine building & integrated control and electrical building. The process flow diagram of Tiroda TPP is presented in Figure 2.2 & 2.3.

TABLE 2.1: SALIENT FEATURES OF TTPP

Item	Particulars
Location of the Plant	Town: Tiroda, District: Gondia
Location of the Plant	State: Maharashtra
Co-ordinates	Latitude: 21°24'42.9" North and
Co ordinates	Longitude: 79°58'14.9" East
Net capacity	3300 MW
No. of Units and configuration	Phase I – 2 x 660 MW
No. of office and configuration	Phase II – 3 x 660 MW
Date of Commercial Operation (COD)	Phase I – Unit 1: September 23, 2012
	Unit 2: March 30, 2013
	Phase II – Unit 3: June 14, 2013
	Unit 4: March 31, 2014
	Unit 5: October 11, 2014
Technology	
Steam Generator	Super critical
	Pressure 255 kg /cm ²
	Temperature 571°C
Turbo Generator	Turbine -246 kg/cm² (a), 563°C, 3000 rpm
	Generator - 660 MW (Each unit)
	Generator Transformer - 776 MVA
Major Auxiliary System	Boiler & Turbine Auxiliaries
	Pretreatment Plant
	Compressed Air System
	Coal and Ash Handling System





Particulars
CW System and Raw Water System
Fire-fighting System
Air conditioning System
Ventilation System
2
275 each
Five
Electrostatic Precipitator
Indigenous Coal – 15.0 MTPA
(6.3 MTPA for Phase I &
8.7 MTPA for Phase II)
Transportation: Railways
402.00 ha
[210 ha for Phase I & 192 ha for Phase II]
163.84 ha
Induced draft cooling system
70 MCM
191760 m³/day
'Zero Discharge Norm' is being followed
Approx. 500
Rs 18,476 crores (for both Phase I & II)





FIGURE 2.1: LAYOUT MAP OF TIRODA THERMAL POWER PLANT







FIGURE 2.2: PROCESS FLOW DIAGRAM OF TIRODA THERMAL POWER PLANT

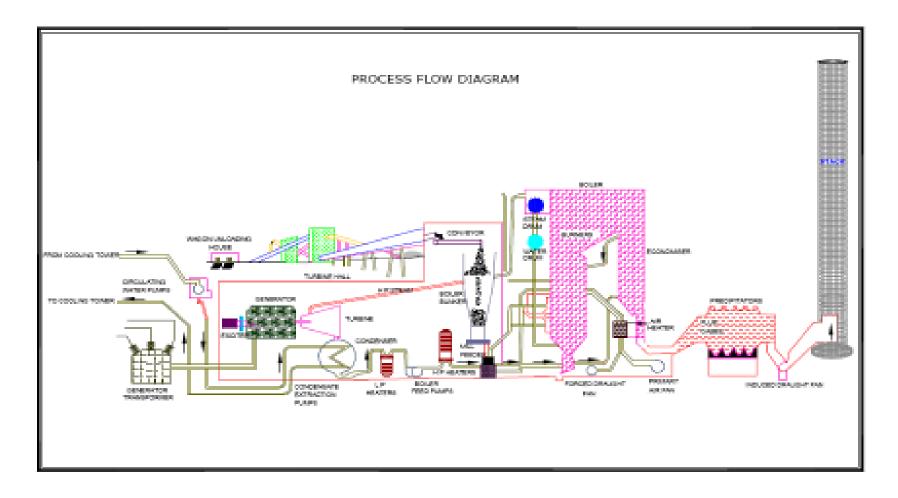






FIGURE 2.3: VIEW OF PROCESS UNITS OF TIRODA THERMAL POWER PLANT (5 X 660 MW)







Advantages of Supercritical Thermal Cycle:

- The 660 MW units have super critical steam parameters to achieve higher efficiency and hence, lower cost of generation. The prime advantages of the Super-critical technology are:
 - Improvement in power plant efficiency is more than 2%.
 - Reduction in coal consumption.
 - Reduction in emission of Greenhouse gases.
 - Overall reduction in auxiliary Power Consumption,
 - Reduction in requirement of ash dike land and consumptive water.
 - Sliding pressure operation due to once through system.
 - Uniform distribution of heat due to spiral wall arrangement leading to less Boiler tube failure, thereby improving system continuity and availability of the station.
 - Low thermal stress in turbine.
 - Less start up time of the boiler.
 - Reduction in water requirement.
- The thermodynamic cycle for 660 MW units considers super-critical steam parameters. The
 unit comprises of boiler, steam turbine generator, condenser, condensate extraction and
 boiler feed system along with all other necessary equipment for single/double reheatregenerative cycle. For purpose of the study, the MP/IP cylinders may be of single/double
 casing design as per manufacturers' standard. The exhaust from HP-IP turbine will further
 expand in the double flow LP Turbine.

Steam Generator:	Super critical Pressure 255 kg /cm ² Temperature 571°C
Turbo Generator:	Turbine - 246 kg/cm² (a), 563°C, 3000 rpm Generator - 660 MW (Each unit) Generator Transformer - 776 MVA





- A tri-flue chimney with common windshield for the unit 1, 2 & 3 has been installed. The total height of reinforced concrete chimney is 275 m having 7.4 m exit diameter.
- A bi-flue chimney with common windshield for the unit 4 & 5 has been installed. The total height of reinforced concrete chimney is 275 m having 7.4 m exit diameter.
- For air pollution control system, each steam-generating unit has been provided with electrostatic precipitators. Each precipitator has two parallel gas paths, any of which can be isolated for maintenance when required, keeping the other path in operation.

These units utilize main and hot reheat steam at a temperature of 566°C at the turbine inlet. The main steam inlet pressure is about 254 Ata and the reheat steam pressures are in the order of 40 bar.

The energy flow in the process of thermal power generation is in four stages - firstly, the chemical energy of the coal is transformed into heat energy, which is then converted into mechanical energy and finally into electric energy through generator. The main raw materials required for thermal power generation are coal, water, and air.

In the first stage, the coal moves from the coal handling plant to the coal bunker, from where it is fed into the pulverizing mills. This mill stacks, reclaims and crushes the coal into fine powder, which is then mixed with air and blow down into the boiler by a fan. In the boiler, the mixture of coal dust and air burns like a gas and produces high temperature. The boiler walls are lined with tubes containing high quality de-mineralized water, better known as boiler water. The heat released by the burning coal is absorbed by the boiler which in turn transfers the water into steam. The steam is then channelized through nozzles onto the turbine's blades, where it makes the turbine rotate. A generator is attached to the turbine, which produce electricity once the turbine starts to move. The electricity is then passed through a step-up transfer which increase the voltage so that it can be transmitted efficiently over the power line of the grid.

The ash is generated due to combustion of coal as residue. Ash is collected at the bottom of the furnace as bottom ash, Economizer hoppers as Eco ash, Air-preheater hoppers as APH ash, electrostatic precipitator (ESP) hoppers as Fly ash and stack hoppers as Stack ash. The quantum of ash generation would depend on the plant load factor and the quality of coal being fed.

This ash, known as bottom ash, is water quenched, and then conveyed for disposal. The rest is fly-ash, which is in form of fine powders and is taken out of the furnace to the Electrostatic Precipitators. The fly-ash trapped by the ESP is collected pneumatically operated dry ash storage silos for cement manufacturing.





As already mentioned earlier, the plant is using super-critical technology. The thermal efficiency of the power plant can be improved by using the steam at super critical condition. The improvement in overall efficiency of the plant compared to sub critical parameters is usually at least 2% if the super critical parameters are implemented. The importance of thermal efficiency of the thermodynamic cycle and the methods to improve the thermal efficiency of the cycle are also analyzed. The indirect costs such as reduction in maintenance cost, auxiliary power consumption, ash dike land and environmental benefits such as reduction in greenhouse gases; water requirements, etc. are additional to the above increase in efficiency.

Importance of Efficiency:

Since the time thermal power stations have been engineered, there is a quest for efficiency improvement. One such effort in that direction is supercritical parameters (i.e.) the pressure above 225 kg/cm² and temperature above 374.15°C. The supercritical parameters for Tiroda 660 MW boiler are: 259 kg/cm² of pressure and 571°C of temperature.

Methods of Increasing Ranking Cycle Efficiency:

The steam power cycle efficiency can be improved by the following methods:

Raising supply temperature by super heating: Increasing the turbine inlet temperature of steam will raise the heat supply to the boiler more than the heat rejection.

Raising inlet pressure of steam: Increasing the pressure will mean increase in saturation temperature at which steam evaporates thus increasing the average inlet temperature (T_1). Efficiency can be improved by dropping the final pressure (or temperature) at which heat is rejected.

Regenerative heating: Heating the feed water pumped to the boiler by bleeding steam from turbine.

Reheat cycle: Reheating of steam in boiler after it has already expanded in high pressure (HP) turbine will avoid moisture formation in low pressure (LP) Turbine. Also, more heat content of steam before LP turbine will improve efficiency.

At most elevated condition, the steam is supercritical. Thus, if water is at a supercritical pressure and is heated the temperature will increase continuously. At a particular value, the water will flash instantaneously into steam and super heating will commence. There is no change of specific volume from the liquid to the dry steam state.





Supercritical Boiler:

A Boiler operating at a pressure above critical point is called Supercritical Boiler. Supercritical Boiler has no drum and heat-absorbing surface being, in effect, one continuous tube hence called 'Once Through Supercritical Pressure Boilers'. Boiler Feed Pump pressurizes the water in boiler, sensible heat is added in feed heaters, economizer, and furnace tubes, until water attains saturation temperature and flashes instantaneously to dry saturated steam and super heating commences.

Steam Generator Set:

The steam generator for super-critical unit consists of a number of parallel circuits connected by inlet & outlet headers. Pressurized water enters the circuit at one end and leaves as supercritical steam at other end. Thus, boiler is of "Once-through type". Once-through boiler may be designed in both two-pass & tower type design. Since flow is once-through furnace wall tube. Temperature tends to increase at low load. Assisted circulation mode is super imposed to overcome this problem. The volume of the evaporator system is much smaller compared to a Natural circulation boiler. Due to smaller inventory of stored water & steam, theoretical rate of response is much faster than drum unit at base load. Super heater section has been divided in convection and radiant zones and designed so as to maintain rated steam temperature of 571°C at the outlet. The units have been completed with coal preparations and firing system, fuel oil firing system, draft plants comprising FD, ID and PA fans, electrostatic precipitators with required number of fields in series and a multi-flue 275 m high chimney.

Light Diesel Oil (Calorific value around 10,300 K Cal/Kg) is being used as start-up and stabilization fuel. As per GOI norms, space provision for FGD unit has been incorporated in the plant layout.

Due to elevated pressure and temperature, cycle efficiency improves which results in reduction of fuel consumption per unit of electricity generated, which in turn reduces CO_2 , NO_X & SO_2 emission. To limit the dust load at the inlet to the chimney to a value of 50 mg/Nm³, as per the norms prescribed by the Ministry of Environment and Forest, Govt. of India, adequately sized electrostatic-precipitators have been provided.

Turbine Generator Set:

The steam turbine set is with standard multi-stage, 3000 rpm, tandem compound, single/double reheat, regenerative, condensing, multi-cylinder unit with eight (8)/nine (9) uncontrolled extractions for regenerative feed water heating. The turbine has one single flow HP cylinder, one double flow IP turbine and two double flow LP casings. The LP turbine exhausts





against a condenser pressure of 76 mm Hg (abs) and maximum cooling water temperature of 33°C. The unit has horizontally split double flow LP cylinder with the LP turbine exhausting steam directly into spring mounted surface type, two-pass condenser having divided water box. The turbo-generator sets are designed for a maximum throttle steam flow at turbine valve wide open (VWO) condition of 105% of turbine MCR flow. A quick acting "HP and LP Turbine Bypass Station" has been provided as a part of turbine package. The unit is equipped with all auxiliaries as per good engineering practice. The steam turbine is directly coupled to the horizontally mounted, three phases, two-pole, cylindrical rotor type electric generator terminal after meeting power requirement for excitation system. The generator is of 0.85 - plant load factor and thus the MVA rating works out to be about 776 MVA. The generators deliver power at the standard voltage of the manufacturer between 20-24 KV, 3 Phase, 50 Hz. The steam turbine is equipped with hydraulic/motorized turning gear for uniform heating/ cooling of the rotor during start-up/shut down. Highly sensitive electronic-hydraulic governing system is provided with suitable hardware to ensure fast speed to operation & safety. The units are complete with twin flow, double-pass, horizontal, surface type, water cooled condensers, 2 x 100% vacuum pumps (1W + 1S), vertical/horizontal shell and tube type high pressure feed water heaters with group bypass arrangement, 4-stage horizontal U-tube low pressure heaters, drain cooler, gland steam condenser, horizontal spray or spray-cum-tray type deaerator with integral vent condenser etc. The units are equipped with two (2) nos. 50% capacity turbine driven and one (1) 30% capacity motor driven centrifugal, horizontal, boiler feed pumps of barrel casing construction.





3.0 APPROACH & METHODOLOGY

3.1 FRAMEWORK FOR WATER BUDGETING

Plant consumptive water requirement is governed by a number of factors such as quality of raw water, type of condenser cooling system, quality of coal, ash utilization, type of ash disposal system, waste water management aspects etc. Earlier, power plants were being designed with water systems having liberal considerations for various requirements and with high design margins. Whereas, in recent past, power plants have been designed with consumptive water requirement in the range 3.5 – 4.0 m³/per MWh which is further stringent by 2.5 m³/per MWh for supercritical boiler-based power plants as per MoEF&CC notification dated 7th December, 2015 and as amended 28th June, 2018 (Annexure I).

Optimisation/minimisation of plant consumptive water includes measures such as judicious utilization of water in different unit operations like cooling water system, boiler water treatment, condenser cooling, ash pond handling etc; adoption of reduced margins in various consumptive uses; adequate treatment for improving quality of raw water; use of plant waste waters in various low-grade applications and recycling of plant waste waters to maximum extent. The requirement and scheme for utilization of plant waster is governed by stipulation of MOEF&CC and CPCB/SPCBs in this regard, which is now a mandatory requirement.

The present study is exploratory in nature based on primary as well as secondary data. Methodology adopted for Study of surface water availability and its water quality assessment at source and plant level with water conservation and recycling aspects may be summarized as follows:

Assessment of river flow rate from secondary data on monthly water level from recorded gage height. Primary data of velocity and depth of channel also to be collected during pre-monsoon and monsoon period near intake well for discharge computation and to ground check the authenticity and variation with the available secondary data. Subsequently, the sediment load secondary data also have been taken into consideration during river flow study. Based on the available monthly water flow in the river month wise water demand are to be matched. The study also analyze the impact of intake water from intake well on local subsurface water and downstream in the different season.





- The impact on hydrology and downstream flow due to water withdrawal from the river and its impact on downstream water availability and impact on the behavior of the river have been assessed based on the available secondary data.
- Optimization/minimization of plant consumptive water usage those includes measures such as judicious utilization of water in different plant applications, adoption of reduced margins in various consumptive uses, adequate treatment in case of deteriorating quality of raw water, use of plant waste waters in various low grade applications and recycling of plant waste waters to its maximum extent.
- ➤ The requirement and scheme for utilization of plant waste waters is also governed by stipulation of MOEF&CC and CPCB/SPCB in this regard. MOEF&CC in various recent projects has stipulated the requirement of zero effluent discharge from plant boundary which has a large bearing on plant water management scheme and treatment of waste water to be adopted.

Accordingly, assessment have been made to major water consumptive process of Tiroda TPP which have potential for further reduction in water consumption and aspect of waste water minimization as presented in subsequent sections:

Cooling Water System:

Cooling water is required for condensing of steam in a surface condenser and for secondary cooling in heat exchangers of equipment cooling system for plant auxiliaries. The permissible COC which can be maintained in the CW system is dependent on quality of cooling tower make up and scheme of cooling water treatment adopted. The blow down water is considered to be used for disposal of bottom ash, and unutilized blow down, if any, is led to guard pond of the plant for further treatment/utilization/disposal. The quantum of blow down water can be further reduced by increasing the COC of CW system which can be achieved by suitably improving the chemical regime of circulating water, if feasible.

In case of dry condenser cooling system, wet cooling tower is required only for ACW flow and requirement of plant make- up water is considerably reduced. The aspect of dry cooling system for thermal power plants may also be explored.





Ash Handling System:

Combustion of coal in a thermal power plant results in generation of ash which needs to be disposed off. The amount of ash generated depends upon the quality of coal particularly its calorific value and its ash content. For a typical 660 MW unit burning typical Indian coal (of 35-40% ash), the amount of ash generated is about 140 ton/h with distribution of fly ash and bottom ash as 80:20. Fly ash and bottom ash generated in the plant has traditionally been disposed to ash pond in the form of wet slurry. Over a period of time, environmental concerns associated with ash generation in thermal plants have resulted in various measures to be adopted viz. reducing water requirement for wet ash disposal, dry disposal of fly ash and utilization of ash in various applications. The measures for reducing consumptive water requirement include reducing water to ash ratio for slurry disposal, recirculation of ash pond water and use of high concentration slurry disposal (HCSD) system for fly ash. Use of Cooling Tower Blow Down water for wet/semi-wet ash disposal also evaluated to reduce the fresh water consumption.

Power Cycle Make up:

Power cycle make up refers to DM water added in condenser hot well to compensate for loss of water due to boiler blow down and other losses from the system. The quantum of blow down water depends on boiler steam parameters and quality of make up DM water. In actual, plants are being managed with further reduced make up also as large size units are provided with condensate polishing units (CPU) and materials of better metallurgy are used in feed heating and boiler components. This has been assessed based on real life plant level data to understand the scope of further improvement on consumptive use of water.

Coal Dust Suppression:

Water is sprayed over heaps of crushed coal, belt conveyors, transfer points and during coal unloading in order to reduce nuisance due to fugitive dust emission. Amount of water required for coal dust suppression depends upon size of coal stockyard, coal consumption rate, volatility of coal and ambient conditions. Normally, low- grade water such as CT blow down or plant waste water is used for coal dust suppression. In order to reduce plant water consumption, assessment have been carried out to explore the other low grade sources available for coal dust suppression water system.





Evaporation from Raw Water Reservoir:

The storage requirement of raw water reservoir for plant depends upon availability of raw water from the source. The rate of evaporation from the surface of the reservoir depends upon surface area of the reservoir and prevailing ambient conditions. In the present study, the power plant is considered to have been envisaged with a raw water reservoir of capacity for 20 days plant requirement with effective water depth taken as 8 m. The evaporation from surface of the reservoir has been estimated considering loss of 20 cm water depth in a month which is equivalent to average evaporation of about 1.2 m³/h per acre of reservoir surface. As per above, for a typical 660 MW plant, the evaporation from surface of raw water reservoir amounts to about 30 m³/h. In case surface area of the reservoir envisaged is more than that worked out as per above criterion, the quantum of reservoir evaporation shall increase accordingly.

Zero Liquid Discharge:

Waste water generated in a coal based thermal power plant typically includes clarifier sludge, filter back wash, CT blow down water, regeneration waste of DM plant & CPU, and boiler blow down etc. In normal practice, sludge from the clarifier is disposed off-along with ash slurry and boiler blow down is led to AHP. Water required for wet ash disposal is tapped from CT blow down, and unutilized blow down water, if any, is led to the guard pond. Clarifier sludge may be considered to be treated for removal of solid waste, and recovered water is recycled to inlet of the clarifier. Filter back wash water from filters of DM plant and potable water system is also considered to be recycled to inlet of the clarifier. The boiler blow down is considered to be used in CW system to supplement the make up water as it is expected to have negligible impact on CW inlet temperature.

The plant drains and side stream filter back wash are treated in effluent treatment plant (ETP), and recovered water is collected in the CMB. Requirement of water for low grade applications such as coal dust suppression and gardening is met from CMB. The balance waste water of CMB is handled in line with stipulations of MOEF&CC/MPCB, as applicable.

The waste water in CMB has high TDS on account of regeneration waste and CT blow down water. If water is to be recovered from this waste water for recycling in the plant, its treatment would require application of reverse osmosis technology. The requirement of plant input water shall reduce by the quantum of water recovered from RO plant. The concentrated brine reject of RO plant can be used for coal dust suppression or it can be used for wet disposal of bottom as.





On the basis of above-mentioned assessment improved water budgeting for Tiroda TPP have been formulated and time bound action plan for recycling of treated effluent have been evolved.

3.2 FIELD SURVEY & DATA COLLECTION

3.2.1 Reconnaissance Survey

A kick-off meeting was organised on 10th February, 2021 to discuss the modalities for initiating the water budgeting study for Tiroda TPP and logistic support required for the same under the guidance of Shri Kanti Biswas, Station Head, Tiroda TPP, APML and R. N. Shukla, Corporate Environment Group, APL and Shri Arun Pratap Singh, Head (Environment), TPPP, APML with AWTEM & IISWBM team members.

During the introductory meeting with Shri Arun Pratap Singh, Head (Environment), TPPP, APML along with Mr Vijendra Khandekar, Mr Girish Kulkarni, Mr Tapan Singh, Mr Priyabrata Satapathy, Mr Dinesh Gupta, Mr Animesh Mukhopadhyay, Mr Manoj Yadav and Mr Om Prakash, TTPP, APML and AWTEM & IISWBM team members, following issues were discussed & resolved to initiate the social audit & social impact evaluation study for REL's TPP:

- 1. Initially Shri Arun Pratap Singh, Head (Environment) mentioned the objectives of proposed study as well as time period which need to be considered for the same. Mr Vijendra Khandekar explained the existing water consumption pattern and initiatives taken for recycling and reuse of water at TTPP and emphasised the recent interventions of TTPP and their salient features viz. Ash water recovery system, Water Conservation & Rain Water Harvesting, etc. Subsequently Shri Singh highlighted the prime thrust area and coverage of proposed study to be undertaken by AWTEM & IISWBM and mentioned that the study should consider all the major issues in line with the regulatory agency's requirement as well as needs of plant while assessing the unit wise water consumption pattern, efficiency/performance of treatment system and potential for recycling & reuse of treated waste water to reduce the raw water consumption. Accordingly, the secondary data required for the purpose were submitted by AWTEM & IISWBM.
- 2. Subsequently the detail meeting was held with Mr Vijendra Khandekar, Manager (Environment), APML with AWTEM & IISWBM team members to understand the water consumption pattern, treatment facilities and initiative being undertaken for water conservation and management by APML. Adani Foundation.
- 3. Dr. Agrawal requested to Shri Singh to kindly provide required data/information for the present study. Accordingly, Dr. Agrawal submitted checklist of detailed information required in connection with water budgeting study of APML.





4. The time schedule for initiating the field survey and data collection was discussed in view of prevailing pandemic (COVID-19) and technical as well as logistic support required for the same. Shri Singh suggested to undertake field survey and data collection in consideration of prevailing norms and guidelines of Central and State Governments with proper protection of project team members as well as other stakeholders involved in the present study and the same was agreed by AWTEM & IISWBM project team.

3.2.2 Field Survey & Data Collection

As discussed in earlier section, the field survey and data collection was undertaken between February-March, 2021. The series of meeting with various concerned executive/officers of TTPP, APML were conducted to understand plant/unit wise water consumption pattern, detail of water and waste water treatment, recycling & reuse of treated waste water along with the performance evaluation as well as their suggestions for improving the efficiency and potential for further utilizing the treated waste water for effectively maintain the ZLD (Figure 3.1).

The following informations/documents were provide by APML for Water Budgeting Study with Implementable Solution for Tiroda Thermal power Plant (5 x 660 MW):

- 1. Monthly raw water consumption of plant along with power generation for last three years (i.e. 2017-18 to 2019-20).
- 2. Raw water quality Report for last three years (Monthly and annual).
- Existing Water Balance Diagram Unit wise and Overall Plant.
- 4. Water Distribution Network for the entire Plant from Intake to Discharge
- 5. Detail of various water meters installed at Tiroda TPP.
- 6. Detail of Specific water consumption for last three years (Monthly/Annual).

7. Water-Treatment Plant:

- a) Process/ Treatment Schematic- WTP, RO, DM Plant with Unit Operations, Design Flow/Actual Flow
- b) Sludge Handling system from WTP, RO Reject, DM Plant
 Backwash/Neutralization/Rinse water handling system with quantity/Quality
- c) Water quality at the Inlet and Outlet of each Treatment Process- Design/actual
- d) O&M Practices, Chemical Dosing systems etc.





FIGURE 3.1: FIELD SURVEY & DATA COLLECTION FOR WATER BUDGETING STUDY OF TIRODA THERMAL POWER PLANT







8. Boiler & Cooling Water:

- a. Boiler water System Performance evaluation, Make Up, Blowdown water, Quality/Quantity Monitoring monthly basis
- b. Detail of Cooling Towers, Cooling Water system Performance Make Up, Blowdown, COC (Designed Vs Actual), Existing Chemical Treatment in cooling towers, Critical Heat Exchanger, Condenser performance- Scaling & Corrosion Potential Microbial fouling, Operation and Monitoring System monthly basis

Coal Handling & Ash Handling Plant (CHP/AHP):

- a) Water Quality and Quantity with utilization practices presently following with Treatment Detail in Coal Handling Plant (CHP) monthly basis.
- b) Water Quality and Quantity with utilization practices presently following with Treatment Detail in Ash Handling Plant (AHP) monthly basis.

10. Wastewater Treatment Plant (ETP/STP):

- a) ETP- Treatment schematic, Unit Operations, Flow, Design Basis, Input and Out put data monthly basis, O&M Practices etc.
- b) STP- Treatment Process, Flow, Design Basis, Input/output data monthly basis, Performance Monitoring, O&M Practices
- 11. Cost of Raw Water Transport (INR/CUM) from Water Intake to Water Reservoirs of Tiroda TPP.
- 12. Cost of Raw Water Treatment starting from Pumping from Reservoirs, Chemical, Energy and Mnapower cost ((INR/CUM).
- 13. Monthly report of quantity & quality of treated water, DM Water, RO Water
- 14. Monthly report of waste water generated along with quality from DM Plant, CTBD/BBD/AHP/CHP/FAS, etc.
- 15. Monthly report of ETP/STP inlet and outlet quality of waste water
- 16. Detail of Ash Water Recovery System





- 17. Detail of Rain Water Harvesting System
- 18. Water Conservation and Recycling Practices Detail of Existing Practices to achieve zero discharge.

Based on the study carried out on the data provided with respect to water quality and consumption pattern as per water balance diagram, the following points found to be quite significant with respect to water recycling, water footprint reduction and at the same time reducing freshwater consumption on long term sustainable basis with an effectively maintaining zero liquid discharge facility:

- 1. 1st Stage CW consumption 80. 5 % of Total water Treated in Reservoir 1 is used for CW Make UP.
- 2. 2nd stage CW consumption 93.3% of Total water process from Reservoir 2
- 3. The total CW Blowdown as per estimated water balance diagram has been found to be around 1205 m³/hr. During the meeting with APML officials as per the discussion and exploration made it has been observed that this CTBD water is an enormous opportunity for recycling and ruse purpose and can give rise to meet the objective of the proposed water Budgeting study.
- 4. Initially it was decided that entire CTBD water will be recycled with 85% recovery and rest will be utilized in ash handling system etc. Parley Raw water Treatment /Transportation cost will be figure out based on the trend data available from the Plant source. Based on this a Payback philosophy with project cost can be worked out. Accordingly, the project evaluation and assessment of water quality etc has been undertaken.
- 5. However, during the subsequent meetings held with APML executives/officers in presence of all concerned team members of the TTPP further through and details exploration of the aforesaid scheme has been worked out. To understand the actual/real life situation of the plant with respect to CTBD generation and Its actual utilization Practices in the Plant premises.





- 6. After having a through discussion with the officials of Environment & Chemistry Department, data on quality and quantity assessment in real life situation, it has been ultimately decided that we can formulate recycling scheme for 50 % of CTBD through a cost-effective suitable treatment (i.e. around 600 m³/hr) with a recovery of 85% for a possible reuse and thereby saving the fresh water consumption. Remaining part of the CTBD water can be utilized as per present practices.
- 7. Considering above treatment scheme using CTBD water (@600m³/hr) has been worked out based on conventional followed by advance technology for recycle and reuse with 85 -87% recovery. In the proposed scheme detail of treatment cost, O&M cost have been worked out to understand the Capex and Opex and Payback period by analyzing existing raw water transportation, treatment cost, manpower, chemical and energy cost.

Accordingly, assessment of the unit wise existing water consumption pattern and potential for recycling & reusing the treated waste water for reducing the raw water consumption to the extent possible were undertaken. Subsequently the detail action plan has been suggested to improvement of performance efficiency of water and waste water treatment plants have been suggested.





4.0 WATER BALANCE

Water is used in energy production and supply, and in turn energy is used for pumping, moving and treating water. Freshwater is required for energy extraction and production, refining and processing, transportation and storage and generation of electric power itself. There lies a close nexus between water and energy in the production cycle.

With increasing water scarcity, the power sector faced with dwindling supplies of freshwater and increasing costs of water on the one hand and increasing pollution of water sources on the other. Therefore quantitative and qualitative analysis of water consumption/use to identify losses and options for water conservation by means of recycling and reuse of water become one of the critical element of ensuring water security for TPP.

4.1 WATER INTAKE AND USAGE PATTERN

The main source of raw water for the TTPP is the Wainganga River which is about 10 km away. There are two parallel pipelines which convey water from the source to the raw water reservoir. Water is stored in four raw water reservoirs which also facilitates primary sedimentation (Figure 4.1). The total capacity of all water reservoirs is approximate 7.361 MCM. The Water Resource Department, Government of Maharashtra initially permitted the withdrawal of 90 MCM per annum of water from Dhapewada Sub-Irrigation scheme, Kawalewada (Annexure II). However, subsequently it was reduced to 70 MCM being super critical technology and other water recycling and reuse measures adopted in Tiroda TPP. Accordingly, the actual withdrawal of raw water is less than 50 MCM per annum.





FIGURE 4.1 (a): LOCATION OF RAW WATER RESERVOIRS AT TIRODA THERMAL POWER PLANT

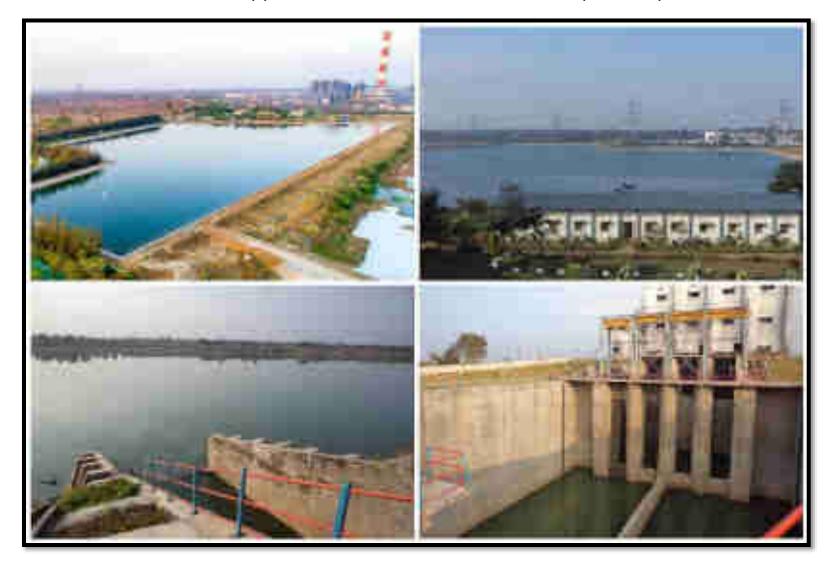








FIGURE 4.1 (b): RAW WATER INTAKE SYSTEM OF TIRODA TPP (5x660 MW)







Status of yearly as well as monthly variations of water consumption with respect to power generation pattern of TTPP is presented in Table 4.1 & 4.2. The analysis of last three years data i.e. 2017-18 to 2019-20 reveals that the average yearly consumption of water in TTPP was 48512592 m³/year (i.e. 132911.23 m³/day) with overall PLF of 72.01% which translate into 2.33 m³/MWh specific water consumption rate which is well within the prescribe norm of MoEF&CC i.e. 3.5 m³/MWh (Figure 4.2).

TABLE 4.1: ANNUAL WATER CONSUMPTION PATTERN WITH RESPECT TO POWER LOADFACTOR OF TIRODA TPP

YEAR	Water Consumption (m³)	Power Generation (MWh)	PLF (%)	Specific Water Consumption Rate (m³/ MWh)
2017-18	42012638	17596246	60.854	2.388
2018-19	50861198	21665480	74.901	2.348
2019-20	52663956	23254390	80.268	2.265
Grand Total	145537792	62516116	•	-
Average	48512597	20838705	72.01	2.33

FIGURE 4.2: ANNUAL VARIATIONS IN POWER GENERATION AND WATER CONSUMPTION PATTERN IN TIRODA TPP - 2017-18 TO 2019-20

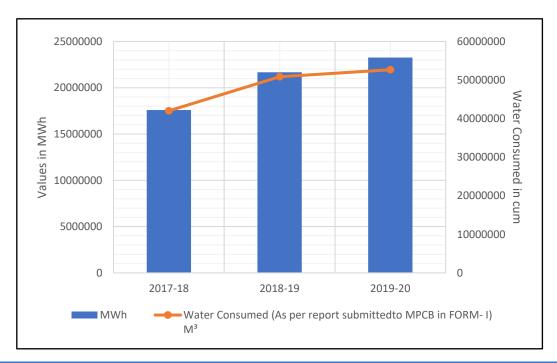
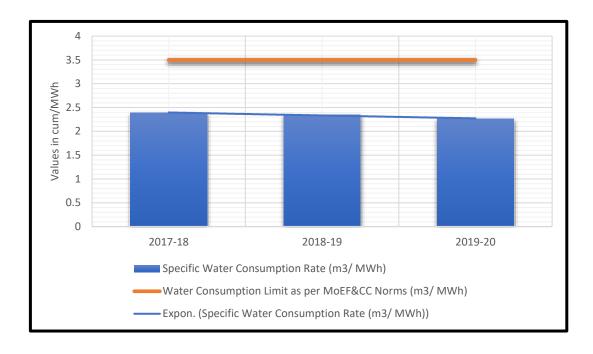






FIGURE 4.2 (b): ANNUAL VARIATIONS IN SPECIFIC WATER CONSUMPTION RATE OF TTPP-2017-18 TO 2019-20



Monthly variations in specific water consumption rate (i.e. quantity of water consumption per unit of power generation) of TTPP for the last three years i.e., from 2017-18 to 2019-20 is presented in Table 4.2 (a – c). Figure 4.3 presents the status of monthly water consumption pattern with respect to power generation at TTPP for the last three years. The analysis reveals that the specific water consumption rate varied from 2.207 to 2.762 m³/MWhr with annual average of 2.388 m³/MWhr during the year 2017-18 (Figure 4.4). The maximum specific water consumption rate was found during May month whereas minimum specific water consumption rate was recorded during December month. The analysis reveals that the specific water consumption rate of TTPP has significantly come down from 2.38 to 2.26 m³/MWhr over the last three years due to various water conservation and recycling measures adopted in the TTPP in the recent past.





TABLE 4.2 (a): SPECIFIC WATER CONSUMPTION RATE OF TTPP - 2017-18

Month	Power Generation (MWh)	PLF (%)	Water Consumption (m³)	Specific Water Consumption Rate (m³/MWh)
APRIL'17	1417150	59.64	3747831	2.645
MAY'17	1576126	64.20	4352720	2.762
JUNE'17	1561250	65.71	3685432	2.361
JULY'17	1743650	71.02	4006049	2.298
AUGUST'17	1384240	56.38	3301003	2.385
SEPTEMBER'17	1459770	61.44	3400036	2.329
OCTOBER'17	1479220	60.25	3432998	2.321
NOVEMBER'17	1422530	59.87	3229320	2.270
DECEMBER'17	1526340	62.17	3369025	2.207
JANUARY'18	1415230	57.64	3190495	2.254
FEBRUARY'18	1283520	57.88	2999437	2.337
MARCH'18	1327220	54.05	3298292	2.485
Total/Average	17596246	60.85	42012638	2.388

TABLE 4.2 (b): SPECIFIC WATER CONSUMPTION RATE OF TTPP - 2018-19

Month	Power Generation (MWh)	PLF (%)	Water Consumption (m3)	Specific Water Consumption Rate (m3/MWh)
APRIL'18	1353990	56.99	3457102	2.553
MAY'18	1503270	61.23	3956825	2.632
JUNE'18	1284180	54.05	3233705	2.518
JULY'18	1820870	74.16	4351752	2.390
AUGUST'18	1742700	70.98	4024830	2.310
SEPTEMBER'18	1653170	69.58	3834375	2.319
OCTOBER'18	2119100	86.3	4963095	2.342
NOVEMBER'18	2038860	85.81	4674168	2.293
DECEMBER'18	2102530	85.64	4695460	2.233
JANUARY'19	2055320	83.71	4572503	2.225
FEBRUARY'19	1785210	80.5	4009035	2.246
MARCH'19	2206280	89.86	5088348	2.306
Total/Average	21665480	74.90	50861198	2.348





TABLE 4.2 (c): SPECIFIC WATER CONSUMPTION RATE OF TTPP - 2019-20

Month	Power Generation (MWh)	PLF (%)	Water Consumption (m3)	Specific Water Consumption Rate (m3/MWh)
APRIL'19	2113730	88.96	5246136	2.482
MAY'19	2152990	87.69	5422934	2.519
JUNE'19	1903720	80.12	4623112	2.428
JULY'19	1903860	77.54	4413196	2.318
AUGUST'19	1826510	74.39	3999114	2.189
SEPTEMBER'19	1421000	59.81	3319240	2.336
OCTOBER'19	1383640	56.36	3150734	2.277
NOVEMBER'19	2113590	88.96	4565519	2.160
DECEMBER'19	2139740	87.15	4465077	2.087
JANUARY'20	2210480	90.03	4459997	2.018
FEBRUARY'20	2074250	90.31	4289611	2.068
MARCH'20	2010880	81.9	4709286	2.342
Total/Average	23254390	80.27	52663956	2.265

FIGURE 4.3 (a): MONTHLY VARIATIONS IN POWER GENERATION AND WATER CONSUMPTION PATTERN IN TIRODA TPP - 2017-18

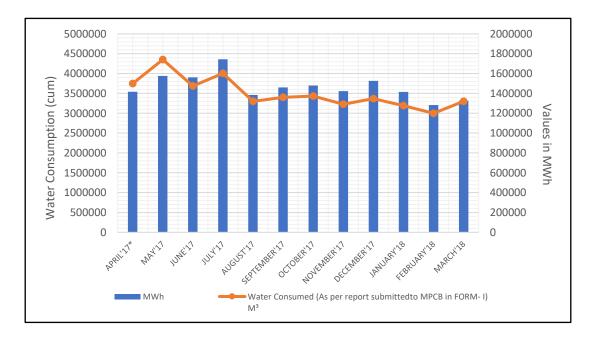






FIGURE 4.3 (b): MONTHLY VARIATIONS IN POWER GENERATION AND WATER CONSUMPTION
PATTERN IN TIRODA TPP - 2018-19

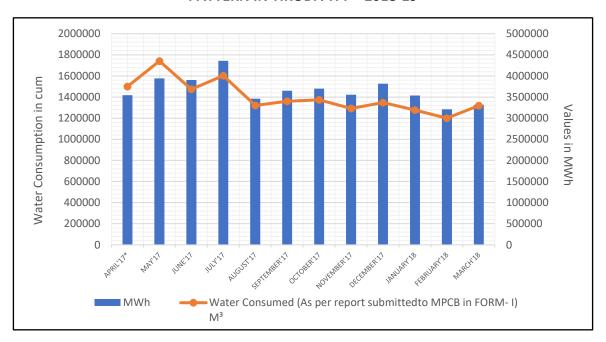


FIGURE 4.3 (c): MONTHLY VARIATIONS IN POWER GENERATION AND WATER CONSUMPTION
PATTERN IN TIRODA TPP - 2019-20

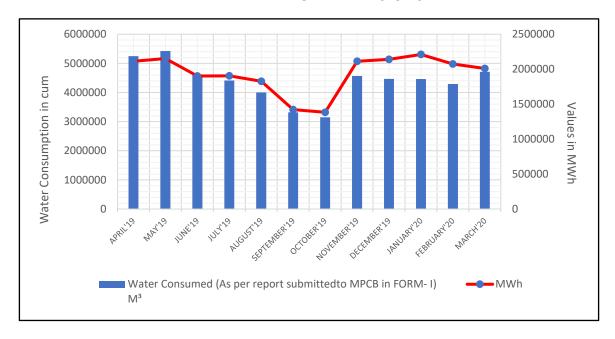






FIGURE 4.4 (a): MONTHLY VARIATIONS IN SPECIFIC WATER CONSUMPTION RATE OF TTPP-2017-18

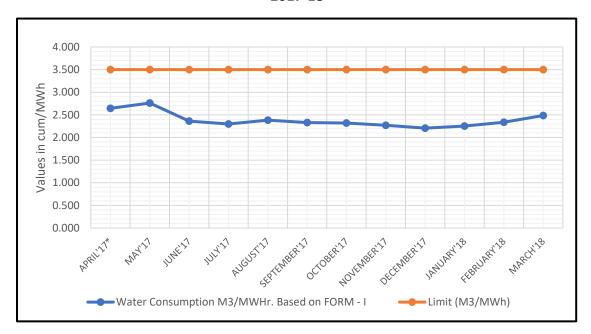


FIGURE 4.4 (b): MONTHLY VARIATIONS IN SPECIFIC WATER CONSUMPTION RATE OF TTPP-2018-19

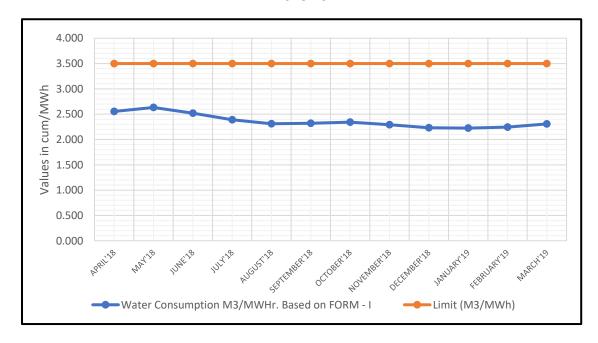
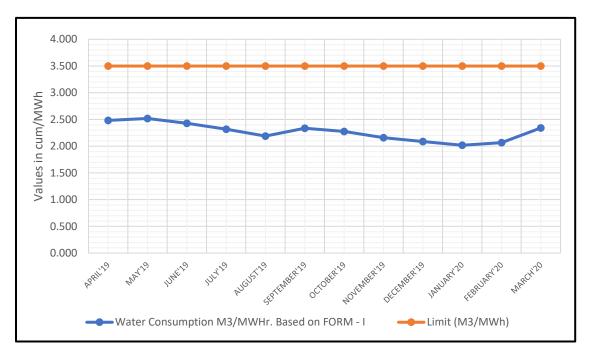






FIGURE 4.4 (c): MONTHLY VARIATIONS IN SPECIFIC WATER CONSUMPTION RATE OF TTPP-2019-20



4.2 WATER BALANCE OF TIRODA TPP

The typical water use in coal based Thermal Power Plants is presented in Figure 4.5. A typical list of plant systems/ applications requiring consumptive water in coal based TPP is indicated as below:

- Cooling water system for condenser & plant auxiliaries
- Ash handling system
- Power cycle make up
- Equipment cooling system
- CPU regeneration, if applicable
- Air conditioning and ventilation system
- Coal dust suppression system
- Service water system
- Potable water system
- Green belt development/horticulture
- Evaporation from raw water reservoir





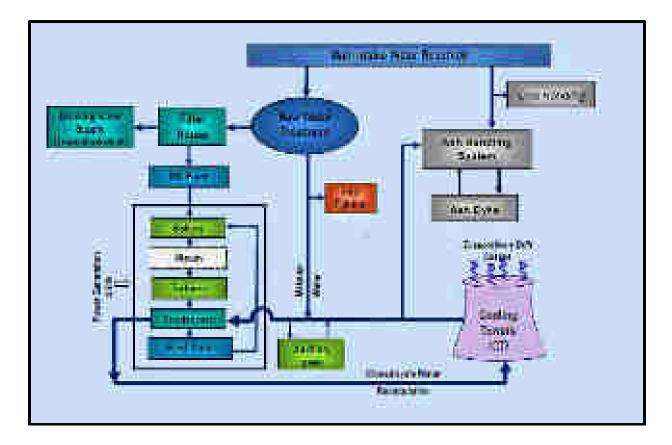


FIGURE 4.5: TYPICAL WATER USE IN COAL BASED THERMAL POWER PLANT

The water use in Tiroda TPPs can be majorly classified into the following types depending upon the quality of water and end use considerations:

Cooling Tower Make-up Water: Water used to compensate the loss due to evaporation of water in the cooling tower.

Demineralised Water: Water used in the boilers for generating steam is demineralised. Demineralised (DM) Water comes at a higher cost as compared to cooling tower water and its use is limited for specific function.

Auxiliary Water: Water used for auxiliary processes like refrigeration, AHP, AWS & Others and various coolers, etc

Potable Water: water used for drinking water for the plant and the township is known as potable water.





Ash Handling Water: Water used for handling ash generated during the combustion process into slurry for disposal. It is ideal to use treated water for ash handling and coal dust suppression.

Service Water: water used for processes like, fire fighting measures, use in toilets and other utilities, plantation and greening activities. It is ideal to use treated water instead of freshwater for these purposes.

Optimisation/ minimisation of plant consumptive water includes measures such as judicious utilization of water in different applications, adoption of reduced margins in various consumptive uses, adequate treatment for deteriorating quality of raw water, use of plant waste waters in various low grade applications and recycling of plant waste waters to maximum extent.

A typical water balance for a 660 MW coal based plant is presented in Figure 4.6 (CEA, 2016). It is clearly evident from water balance diagram that, around 56% of the water goes in evaporation and unaccounted loss while ash handling takes the remaining share of water. There is some amount of water used for the drinking water purposes. However, this constitutes a small portion of the total water use.

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FIGURE 4.6: TYPICAL WATER BALANCE FOR A 660 MW UNIT OF COAL BASED THERMAL POWER PLANT

 $Source: Water\ Use\ and\ Efficiency\ in\ Thermal\ Power\ Plant,\ FICCI-HSBC\ Knowledge\ Initiative$





Typical specific water consumption in various processes of 660 MW unit of a coal based thermal power plant is given in Table 4.3 which is the key indicator for comparing and assessing the performance of different units of thermal power plant. Typically ash handling requires the maximum volume of water (40 per cent) followed by the cooling towers which take up 30 per cent of the water use.

TABLE 4.3 : SPECIFIC WATER CONSUMPTION PATTERN FOR A TYPICAL 660 MW UNIT OF COAL BASED THERMAL POWER PLANT

ACC)	Emmunetion in 1949/	Water Land Dis
Ath Danilling	2.0	A1.4
Cooling towers	15	10.4
DM water	0.18	2.36
Drinking water	0.32	63
Coal handing	0.065	13)
F= Fighting	0.37	4.7
Others	6.0.6	13.2
Total	.#:i	100

The specific water consumption in various processes of 660 X 5 MW units of a Tiroda TPP is presented in Table 4.4. The analysis of process wise water requirement of Tiroda TPP reveals that the maximum volume of water required for cooling towers which accounts for about 61% of the water use followed by ash handling (approx. 27%). However, for ash handling primarily Cooling Tower Blow Down (CTBD) water is being used instead of raw water.





TABLE 4.4: SPECIFIC WATER CONSUMPTION PATTERN FOR A 660 X 5 MW UNITS OF TIRODA THERMAL POWER PLANT

Area	Consumption m ³ /MWh	Water Use (%)
Cooling Tower Make-up Water	1.922	60.93
DM Water	0.067	2.12
Service Water	0.237	7.51
Portable Water	0.018	0.57
Ash Handling*	0.840	26.62
Coal Handling*	0.033	1.05
Horticulture/Fire Fighting & Others*	0.038	1.20
Total	3.155	100

^{*}Recycling of Waste Water (CTBD, RO Rejects, back wash, etc)

The typical water balance of Tiroda TPP is presented in Table 4.5. The analysis of water balance study indicates that the initially total water consumption was 219490 m³/day including the evaporation losses at water storage reservoirs (i.e. 2160 m³/day). The maximum water is being consumed as cooling tower makeup water i.e. 189280 m³/day which account for nearly 87% of total raw water consumption in Tiroda TPP. However DM make-up water account for about 5% of total raw water consumption in Tiroda TPP.

The existing water balance of of TTPP (Unit 1 to 5) is presented in Table 4.6 and Figure 4.7. The analysis of water balance study indicates that the total water consumption has come down to 180312 m³/day including the evaporation losses at water storage reservoirs (i.e. 2160 m³/day). The various water efficiency and conservation measures including recycling and reuse of waste water adopted in Tiroda TPP in recent past as discussed in subsequent chapters has resulted in about 20% reduction in raw water consumption (i.e. saving of raw water of about 39178 m³/day). The maximum water is being consumed as cooling tower makeup water i.e. 152256 m³/day which account for nearly 85% of total raw water consumption in Tiroda TPP. However DM make-up water account for about 3% of total raw water consumption in Tiroda TPP. For suppression of dust in CHP and AHP no fresh water is being used as treated waste water is being recycled/reuse for the purpose.





TABLE 4.5: TYPICAL WATER BALANCE OF TIRODA THERMAL POWER PLANT (5 X 660 MW)

	Water Req	uirement				
Description	Description Fresh Waste Generation Water Water		Waste Water Generation	Treatment Facility	Reuse/Recycle	
Clarifier Sludge	2600		2600	ETP	Dust Suppression at CHP	
Cooling Tower Make- up Water	189280		33607	Not Required	Ash Handling Plant & Dust Suppression at CHP	
Filtration/Backwash	600		600	ЕТР	Dust Suppression at CHP	
DM Regeneration	1200		1200	ETP	Ash Handling Plant	
DM Make-up Water	9840		-	-	-	
HVAC	5600					
DG Set Make-up Water	600					
CHP Make-up Water	5600					
Service Water	1280					
Domestic/Potable Water	730		560	STP	Green belt Development/ Horticulture	
Ash Handling Plant		49200	34440	AWRS	Ash Handling Plant	
Green belt Development/ Horticulture		560	-	-	-	
STP Sludge			110	Sludge Drying Bed	Manure used for Horticulture	
Total	217330	49200	73440			

^{*}Evaporation loss from water reservoirs considering @ $1.2 \text{ m}^3/\text{hr}$ per acre work out to be about 90 m³/hr (2160 m³/day)





TABLE 4.6: EXISTING WATER BALANCE OF TIRODA THERMAL POWER PLANT (5 X 660 MW) – 2020-21

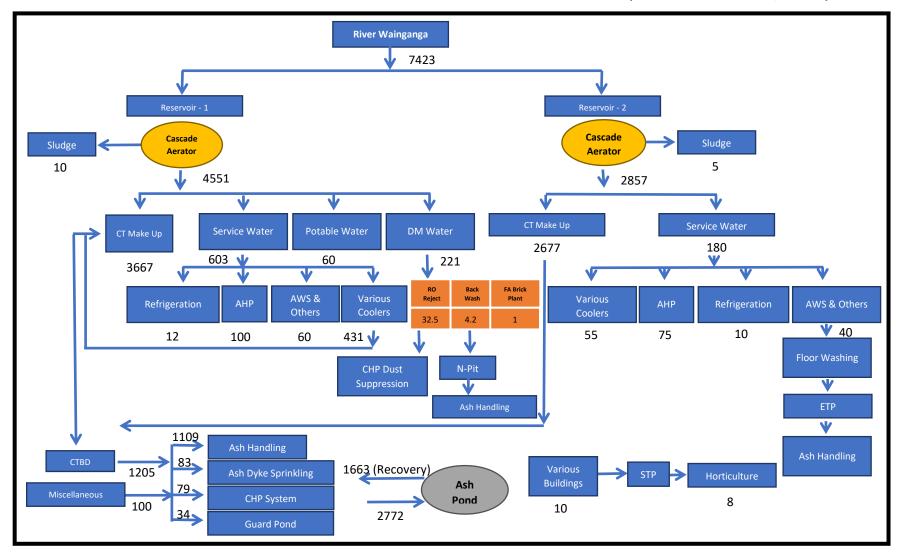
	Water Req	uirement				
Description	otion		Waste Water Generation	Treatment Facility	Reuse/Recycle	
Clarifier Sludge	360		360	ETP	Dust Suppression at CHP	
Cooling Tower Make- up Water	152256		28920	Not Required	Ash Handling Plant & Dust Suppression at CHP	
Filtration/Backwash	-		101	ETP	Dust Suppression at CHP	
DM Regeneration	-		780	ETP	Ash Handling Plant	
DM Make-up Water	5304			-	-	
HVAC	-					
DG Set Make-up Water	-	-	-	-	-	
CHP Make-up Water	-	2675				
Service Water	18792					
Domestic/Potable Water	1440		1152	STP	Green belt Development/ Horticulture	
Ash Handling Plant	-	66528	39917	AWRS	Ash Handling Plant	
Green belt Development/ Horticulture	-	1152	-	-	-	
STP Sludge	-		230	Sludge Drying Bed	Manure used for Horticulture	
Total	178152	70335	71460			

^{*}Evaporation loss from water reservoirs considering @ 1.2 m³/hr per acre work out to be about 90 m³/hr (2160 m³/day)





FIGURE 4.7: WATER BALANCE DIAGRAM OF 5 X 660 MW TIRODA THERMAL POWER PLANT (ALL FIGURES ARE IN M³/HOURS)







About 22 Water flow meters have been installed at various strategic locations (viz water intake point, CTBD return lines, WTP, ETP, STP, AWRS, etc) to measure the actual inflow and outflow of water/waste water for assessing the unit/process wise water consumption/waste water generation as well as water losses. The detail of water flow meters provided in Tiroda TPP is presented in Annexure III.

Estimation of CT Makeup Water Requirement & Generation of CTBD Water:

The CT makeup water requirement considering 5.5 COC and drift loss of 40 m³/hr work out to be 1366 m³/hr for each unit i.e. total 6830 m³/hr for all the five units (1 to 5). Whereas Cooling Tower Blow Down (CTBD) work out to be 242 m³/hr for each unit i.e. total 1205 m³/hr for all the five units.

For Unit 1,2 & 3					
CT Make up	=	1085			
COC	=	5.5			
CTBD	=	1085/(5.5-1)			
	=	241	723 (3 Units)		
Drift Losses	=	40			
Total CT Requirement/unit	=	1366			
For 3 Units	=	4098			
Water Coming from Service water System	=	431			
Final CT Requirement	=	3667 m3/hr			

For Unit 4 & 5					
CT Make up	=	1085			
COC	=	5.5			
CTBD	=	1085/(5.5-1)			
	=	241	482 (2 Units)		
drift Losses	=	40			
Total CT Requirement/unit	=	1366			
For 2 Units	=	2732			
Water Coming from Service water System	=	55			
Final CT Requirement	=	2677 m3/hr			





Estimation of CHP Water Requirement:

The total CHP water requirement which primarily includes wagon tippler pre wetting, wagon tippler dust suppression, track hopper peddle feeder, coal stockpile dust suppression, etc. work out to be 111.46 m³/hr. Out of total water requirement of CHP, 32.5 m³/hr is met from recycling of RO reject and remaining 79 m³/hr from recycling of other auxiliary service waste water generated within plant.

Detail of Estimation of CHP V	Detail of Estimation of CHP Water Requirement:				
Wagon Tippler Dust Suppression:	=	12 Racks x2 Hrs x 15.66 /24			
	11	15.66 m3/hr			
		(Back up: 15.66 = (4.35LPS/Nozzle*60*60)			
Track Hooper Peddle	=	10 (Nozzle) * 2 (No. of Nozzle) * 2 (Capacity of Nozzle in LPM) * 60			
Feeder	_	min* 10 (running Hrs.)/24 (for days)			
	=	1 m3/hr			
Dust Suppression System (Coal Stockpile)	=	22.2 m3/hr (Nozzle) *4 (Nozzle at a time) /hr			
	=	88.8 m3/hr			
Wagan Tippler Pro Wetting		12 rake * 2 hr (time per rake) * 3 Nozzles * 2 m3/h (Nozzle			
Wagon Tippler Pre Wetting	=	Capacity/WT) / 24 (for day)			
	=	6 m3/hr			
Total CHP Water	=	111.46 m3/hr			
Requirement	_	111.40 1113/111			

Estimation of Ash Water Requirement:

The total ash water requirement for disposal of ash works out to be 2772 m³/hr. The ash water requirement is met from recycling of CTBD as makeup (40%) and 60% from recycling of recovery of ash water.

Detail of Estimation of Ash Water Requirement				
Ash: Water Ratio	=	1:5		
Water Required for slurry	-	5 (unit) x 363 (Coal Req./unit/hr)x 0.3055 (Considered		
preparation for disposal at ash dyke		average ash content)x 5 (water requirement)		
	=	2772 m3/hr		
Ash Water Recovery @ 60 %	=	1663 m3/hr		





Key features of water usage in TTPP:

- The major inflow of raw water accounts from Wainganga river. The other source of inflow is recovered water from ash water.
- Major outflows are evaporative losses from cooling towers, ash pond percolation/ leaks
 & evaporative losses.
- Water flow meters have been provided at all the strategic locations to measure the
 actual inflow and outflow of water/waste water for assessing the unit/process wise
 water consumption/waste water generation as well as water losses.
- All cooling water system provided are open recirculation type with induced draft cooling towers.
- Ash water recovery and reuse.
- Zero discharge is being operationalized.





5.0 PERFORMANCE EVALUATION OF WTPs

5.1 RAW WATER QUALITY

To evaluate the performance of water treatment plants and improve the efficiency the characteristics of raw water need to be assessed. Accordingly, the raw water quality is being monitored regularly at intake well. The physio-chemical characteristics of raw water as recorded during last three-year 2018 to 2020 is presented in Table 5.1 to 5.3. The long-term trend of monthly variations of characteristics of raw water at intake is presented in Figure 5.1 to 5.14.

Table 5.1: MONTH WISE VARIATIANS IN CHARACTERISTICS OF RAW WATER - YEAR 2018

Month	Value	Hd	Conductivity, in micro-simenes	Turbidity, in NTU	P-Alkalinity, in mg/l	M-Alkalinity, in mg/l	Ca-Hardness, in mg/l	Mg-Hardness, in mg/l	Total Hardness, in mg/l	Total Chloride, in mg/l	Silica, in mg/l	Iron, in mg/I	Total Dissolve Solid, in mg/l	Oxidation Reduction Potential, in mV	Sulphate, in mg/l
	Min	8.44	280.00	3.00	4.00	132.00	82.00	40.00	122.00	7.74	15.60	0.08	182.00	130.00	8.00
Jan-18	Max	8.61	316.00	6.80	8.00	146.00	86.00	44.00	128.00	11.36	16.30	0.10	205.40	136.00	9.00
	Avg	8.52	298.58	4.21	7.61	141.03	83.61	41.29	124.90	8.93	15.88	0.09	194.08	133.29	8.97
	Min	8.24	316.00	3.14	0.00	134.00	84.00	40.00	128.00	8.52	14.60	0.07	205.40	130.00	8.00
Feb-18	Max	8.46	331.00	7.20	8.00	146.00	90.00	50.00	138.00	11.36	16.60	0.22	215.15	137.00	9.00
	Avg	8.35	325.21	5.29	2.29	138.86	87.29	44.43	131.71	9.74	15.52	0.16	211.39	133.18	8.68
	Min	8.18	304.00	3.03	0.00	128.00	78.00	42.00	124.00	7.10	14.70	0.07	197.60	131.00	8.00
Mar-18	Max	8.68	331.00	8.40	10.00	138.00	90.00	48.00	136.00	9.94	17.00	0.10	215.15	136.00	9.00
	Avg	8.51	312.57	5.96	7.21	132.50	82.57	45.29	127.86	9.33	15.40	0.08	203.17	132.86	8.25
Apr-18	Min	8.18	298.00	6.49	0.00	120.00	74.00	44.00	120.00	5.68	16.30	0.06	0.00	130.00	8.00
	Max	8.67	316.00	12.60	10.00	140.00	80.00	50.00	130.00	8.52	18.20	0.09	205.40	146.00	9.00
	Avg	8.41	307.96	8.51	5.00	132.14	75.86	46.86	122.71	7.13	17.04	0.08	193.03	133.43	8.36
May-18	Min	8.06	269.00	4.10	0.00	128.00	66.00	44.00	110.00	7.10	17.50	0.04	0.00	132.00	8.00





Month	Value	Ħ	Conductivity, in micro-simenes	Turbidity, in NTU	P-Alkalinity, in mg/l	M-Alkalinity, in mg/l	Ca-Hardness, in mg/l	Mg-Hardness, in mg/l	Total Hardness, in mg/l	Total Chloride, in mg/l	Silica, in mg/l	Iron, in mg/l	Total Dissolve Solid, in mg/l	Oxidation Reduction Potential, in mV	Sulphate, in mg/l
	Max	8.70	349.00	6.42	10.00	140.00	68.00	50.00	118.00	8.52	18.20	0.09	226.85	137.00	9.00
	Avg	8.42	318.32	5.44	4.71	131.36	67.79	46.93	114.71	8.06	17.91	0.05	185.27	134.50	8.75
	Min	7.87	179.00	4.60	0.00	56.00	44.00	28.00	74.00	5.68	14.50	0.06	116.35	131.00	7.00
Jun-18	Max	8.40	307.00	144.00	4.00	130.00	68.00	78.00	128.00	8.52	16.80	1.73	199.55	136.00	8.00
	Avg	8.18	243.32	54.44	0.64	95.36	56.64	41.50	98.14	6.86	15.61	0.55	155.88	132.64	7.68
	Min	7.87	179.00	4.60	0.00	56.00	44.00	28.00	74.00	5.68	14.50	0.06	116.35	131.00	7.00
Jul-18	Max	8.40	307.00	144.00	4.00	130.00	68.00	78.00	128.00	8.52	16.80	1.73	199.55	136.00	8.00
	Avg	8.18	243.32	54.44	0.64	95.36	56.64	41.50	98.14	6.86	15.61	0.55	155.88	132.64	7.68
	Min	7.40	1.75	52.00	0.00	54.00	44.00	20.00	66.00	5.68	8.56	0.17	1.14	128.00	6.00
Aug-18	Max	8.07	193.00	136.00	0.00	64.00	50.00	30.00	80.00	7.10	13.70	1.56	125.45	136.00	7.00
	Avg	7.82	172.67	76.01	0.00	58.36	48.07	24.57	72.64	6.47	10.42	0.76	112.09	131.57	6.50
	Min	7.48	136.00	9.50	0.00	46.00	42.00	18.00	60.00	5.68	10.60	0.42	88.40	130.00	8.00
Sep-18	Max	8.55	199.00	92.00	6.00	66.00	50.00	24.00	74.00	8.52	13.10	1.39	129.35	135.00	10.00
	Avg	8.07	162.18	51.60	0.57	56.64	46.14	20.64	66.79	6.11	11.69	0.91	105.33	131.75	9.04
	Min	7.48	136.00	9.50	0.00	46.00	42.00	18.00	60.00	5.68	10.60	0.42	88.40	130.00	8.00
Oct-18	Max	8.55	199.00	92.00	6.00	66.00	50.00	24.00	74.00	8.52	13.10	1.39	129.35	135.00	10.00
	Avg	8.07	162.18	51.60	0.57	56.64	46.14	20.64	66.79	6.11	11.69	0.91	105.33	131.75	9.04
	Min	8.15	224.00	5.89	0.00	98.00	64.00	24.00	92.00	5.68	14.80	0.10	0.00	0.13	9.00
Nov-18	Max	8.51	248.00	13.60	6.00	108.00	70.00	32.00	100.00	7.10	16.00	0.11	161.20	136.00	9.00
	Avg	8.26	237.79	8.61	0.79	103.71	68.07	27.50	95.57	5.98	15.59	0.10	149.01	128.00	9.00
	Min	8.22	230.00	8.10	0.00	106.00	72.00	30.00	102.00	7.10	15.10	0.10	149.50	131.00	9.00
Dec-18	Max	8.43	281.00	14.50	4.00	118.00	78.00	36.00	114.00	8.52	15.70	0.10	182.65	136.00	9.00
	Avg	8.33	251.96	11.37	1.93	115.43	75.43	33.71	109.14	7.91	15.37	0.10	163.78	133.36	9.00





TABLE 5.2: MONTH WISE VARIATIANS IN CHARACTERISTICS OF RAW WATER - YEAR 2019

Month	Value	Æ	Conductivity, in micro-simenes	Turbidity, in NTU	P-Alkalinity, in mg/l	M-Alkalinity, in mg/l	Ca-Hardness, in mg/l	Mg-Hardness, in mg/l	Total Hardness, in mg/l	Total Chloride, in mg/l	Silica, in mg/l	Iron, in mg/l	Total Dissolve Solid, in mg/l	Oxidation Reduction Potential, in mV	Sulphate, in mg/l
	Min	8.27	264.00	6.37	0.00	132.00	82.00	34.00	116.00	9.94	15.10	0.15	171.60	129.00	9.00
Jan-19	Max	8.45	291.00	12.20	6.00	136.00	90.00	40.00	130.00	9.94	16.30	0.21	189.15	136.00	9.00
	Avg	8.36	283.79	9.64	3.43	134.79	87.00	37.29	124.29	9.94	15.98	0.18	184.46	132.82	9.00
	Min	8.32	240.00	5.89	2.00	132.00	78.00	40.00	120.00	8.52	15.60	0.11	156.00	131.00	7.00
Feb-19	Max	8.54	298.00	13.10	8.00	136.00	84.00	42.00	126.00	8.84	16.50	0.19	193.70	136.00	8.00
	Avg	8.42	290.32	9.37	5.21	133.57	82.00	41.57	123.57	8.58	15.91	0.13	188.71	133.89	7.25
	Min	8.30	278.00	5.40	2.00	112.00	70.00	40.00	110.00	8.52	15.00	0.10	180.70	131.00	7.00
Mar-19	Max	8.63	322.00	12.10	10.00	122.00	76.00	48.00	122.00	9.96	15.80	0.12	209.30	136.00	10.00
	Avg	8.47	292.32	8.26	6.50	116.71	73.00	43.64	116.64	9.29	15.44	0.11	190.01	133.64	7.39
	Min	8.13	293.00	5.32	0.00	116.00	72.00	42.00	116.00	9.94	15.30	0.09	190.45	131.00	8.00
Apr-19	Max	8.62	316.00	15.50	10.00	124.00	78.00	48.00	124.00	12.78	16.40	0.11	205.40	138.00	9.00
	Avg	8.35	301.75	8.57	3.50	120.07	74.79	45.07	119.93	11.72	15.86	0.10	196.14	134.29	8.39
	Min	8.10	265.00	3.15	0.00	118.00	74.00	44.00	120.00	11.36	15.40	0.10	172.25	131.00	8.00
May-19	Max	8.65	337.00	27.00	12.00	124.00	80.00	50.00	130.00	12.78	16.50	0.12	219.05	140.00	9.00
	Avg	8.32	292.36	6.34	2.64	121.29	77.64	46.86	124.50	12.21	16.08	0.11	190.03	134.57	8.57
	Min	8.42	260.00	3.22	8.00	112.00	72.00	42.00	114.00	8.94	14.24	0.10	169.00	132.00	8.00
Jun-19	Max	8.68	298.00	8.51	12.00	118.00	78.00	46.00	122.00	11.50	15.80	0.12	193.70	137.00	98.00
	Avg	8.58	278.96	5.18	10.21	114.57	75.14	43.57	118.71	9.81	15.26	0.11	181.33	134.50	11.75
	Min	7.83	175.00	5.02	0.00	84.00	66.00	24.00	90.00	8.94	12.12	0.29	113.75	125.00	7.00
Jul-19	Max	8.52	280.00	98.60	8.00	96.00	74.00	30.00	104.00	10.22	14.50	0.39	182.00	136.00	8.00
	Avg	8.24	206.71	46.15	2.29	88.29	70.36	26.57	96.93	9.49	13.18	0.35	134.36	131.43	7.50
Aug-19	Min	7.40	132.00	21.60	0.00	74.00	60.00	18.00	78.00	8.52	10.56	0.30	85.80	132.00	7.00





Month	Value	Hd	Conductivity, in micro-simenes	Turbidity, in NTU	P-Alkalinity, in mg/l	M-Alkalinity, in mg/l	Ca-Hardness, in mg/l	Mg-Hardness, in mg/l	Total Hardness, in mg/l	Total Chloride, in mg/l	Silica, in mg/l	Iron, in mg/I	Total Dissolve Solid, in mg/l	Oxidation Reduction Potential, in mV	Sulphate, in mg/l
	Max	8.24	204.00	203.00	0.00	84.00	66.00	24.00	90.00	10.22	11.30	0.39	132.60	136.00	8.00
	Avg	7.93	159.89	110.55	0.00	78.79	62.14	20.86	83.00	9.61	10.92	0.34	103.93	134.50	7.61
	Min	7.40	133.00	26.40	0.00	48.00	46.00	16.00	62.00	7.10	11.23	0.12	86.45	132.00	7.00
Sep-19	Max	8.24	210.00	203.00	0.00	54.00	52.00	18.00	68.00	9.94	12.42	0.30	136.50	136.00	9.00
	Avg	7.95	162.68	107.52	0.00	50.29	48.43	17.07	65.50	8.88	12.05	0.18	105.74	134.25	8.21
	Min	7.58	151.00	8.53	0.00	84.00	58.00	20.00	80.00	7.74	12.78	0.07	98.15	34.00	7.00
Oct-19	Max	8.60	204.00	45.70	8.00	92.00	64.00	24.00	86.00	9.94	13.98	0.10	132.60	138.00	9.00
	Avg	8.12	179.41	21.67	1.79	88.29	61.57	21.64	83.21	8.44	13.50	0.09	116.62	123.75	8.18
	Min	8.13	213.00	6.87	0.00	90.00	62.00	22.00	84.00	8.52	13.50	0.08	138.45	131.00	7.00
Nov-19	Max	8.54	281.00	20.15	8.00	1110.00	78.00	24.00	100.00	9.94	14.01	0.15	182.65	136.00	9.00
	Avg	8.36	259.00	13.07	3.36	141.43	69.14	23.21	92.36	9.43	13.83	0.11	168.35	134.11	8.11
	Min	8.12	31.00	9.29	0.00	118.00	78.00	28.00	106.00	8.52	14.60	0.11	20.15	130.00	7.00
Dec-19	Max	8.38	317.00	16.30	4.00	128.00	84.00	36.00	118.00	9.94	15.68	0.23	206.05	138.00	9.00
	Avg	8.24	287.75	13.02	0.64	123.14	80.29	31.71	112.00	9.33	15.25	0.14	187.04	134.11	7.68





TABLE 5.3: MONTH WISE VARIATIANS IN CHARACTERISTICS OF RAW WATER - YEAR 2020

Month	Value	Hd	Conductivity, in micro-simenes	Turbidity, in NTU	P-Alkalinity, in mg/l	M-Alkalinity, in mg/l	Ca-Hardness, in mg/l	Mg-Hardness, in mg/l	Total Hardness, in mg/l	Total Chloride, in mg/l	Silica, in mg/l	Iron, in mg/l	Total Dissolve Solid, in mg/l	Oxidation Reduction Potential, in mV	Sulphate, in mg/l
	Min	8.20	244.00	6.74	0.00	106.00	68.00	28.00	98.00	7.10	12.63	0.11	158.60	132.00	7.00
Jan-20	Max	8.47	329.00	24.70	6.00	116.00	74.00	36.00	110.00	8.52	14.50	0.20	213.85	139.00	8.00
	Avg	8.32	279.93	14.44	2.00	111.00	71.50	31.79	103.29	7.86	13.30	0.14	181.95	135.14	7.39
	Min	8.39	324.00	5.41	2.00	130.00	90.00	42.00	132.00	8.52	16.22	0.10	210.60	133.00	8.00
Feb-20	Max	8.76	335.00	8.78	10.00	134.00	92.00	44.00	136.00	9.94	16.47	0.12	217.75	136.00	9.00
	Avg	8.62	330.43	6.90	8.57	132.86	91.71	42.29	134.00	9.53	16.31	0.11	214.78	134.57	8.43
	Min	8.12	285.00	4.35	0.00	128.00	82.00	44.00	126.00	8.52	15.88	0.10	185.25	134.00	7.00
Mar-20	Max	8.72	333.00	10.20	12.00	134.00	88.00	48.00	134.00	11.36	16.30	0.12	216.45	140.00	9.00
	Avg	8.37	296.18	6.70	3.86	131.64	83.43	45.36	128.79	9.43	16.10	0.11	192.52	136.07	7.89
	Min	8.25	254.00	5.99	0.00	116.00	76.00	36.00	112.00	8.52	15.65	0.11	165.10	124.00	7.00
Apr-20	Max	8.76	280.00	9.85	12.00	122.00	80.00	40.00	120.00	8.52	16.42	0.14	182.00	141.00	9.00
	Avg	8.54	263.54	8.10	8.21	119.43	77.86	37.79	115.64	8.52	16.14	0.12	171.30	134.32	8.25
	Min	8.07	265.00	6.94	0.00	128.00	66.00	44.00	110.00	7.10	17.30	0.04	172.25	131.00	8.00
May-20	Max	8.83	315.00	10.64	10.00	140.00	70.00	50.00	118.00	8.52	18.20	0.09	204.75	136.00	9.00
	Avg	8.46	289.71	8.16	4.71	131.07	67.86	46.93	114.79	8.01	17.88	0.05	188.31	133.57	8.07
	Min	8.17	310.00	6.02	0.00	110.00	70.00	38.00	110.00	8.52	15.21	0.12	201.50	133.00	8.00
Jun-20	Max	8.60	355.00	18.60	10.00	116.00	76.00	42.00	118.00	9.94	15.84	0.21	230.75	152.00	9.00
	Avg	8.36	331.11	9.26	3.93	112.43	73.07	40.36	113.43	8.62	15.41	0.15	215.22	141.39	8.39
	Min	8.13	272.00	6.07	0.00	72.00	30.00	36.00	104.00	7.10	14.12	0.18	176.80	132.00	6.00
Jul-20	Max	8.75	305.00	13.62	10.00	112.00	72.00	102.00	135.00	9.94	15.32	0.32	198.25	146.00	9.00
	Avg	8.49	284.82	9.21	6.00	104.64	67.50	42.21	109.82	7.76	14.50	0.26	185.22	139.21	8.14
Aug-20	Min	7.80	201.00	5.98	0.00	88.00	60.00	30.00	90.00	7.10	12.36	0.12	130.65	132.00	7.00



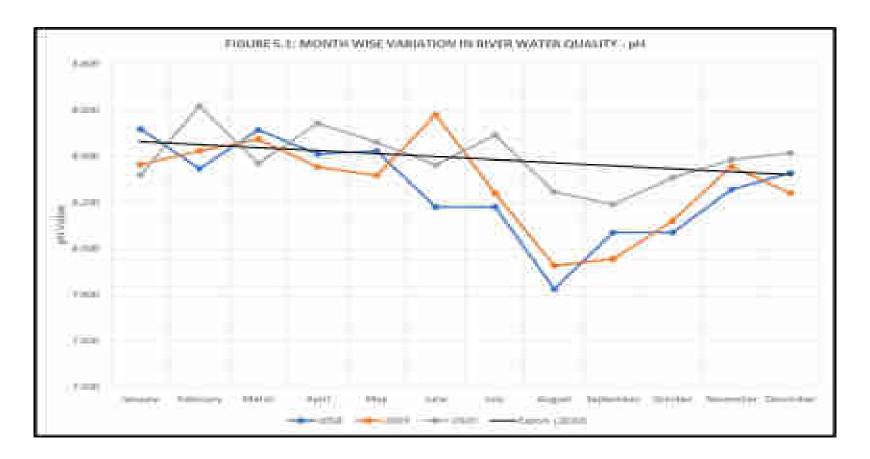


Month	Value	Hd	Conductivity, in micro-simenes	Turbidity, in NTU	P-Alkalinity, in mg/l	M-Alkalinity, in mg/l	Ca-Hardness, in mg/l	Mg-Hardness, in mg/l	Total Hardness, in mg/l	Total Chloride, in mg/l	Silica, in mg/l	Iron, in mg/I	Total Dissolve Solid, in mg/l	Oxidation Reduction Potential, in mV	Sulphate, in mg/l
	Max	8.62	261.00	12.20	10.00	102.00	66.00	36.00	100.00	8.52	13.65	0.15	169.65	146.00	8.00
	Avg	8.25	238.25	9.02	1.43	94.21	62.43	33.14	95.57	7.56	13.21	0.14	154.86	139.32	7.07
	Min	7.70	174.00	8.12	0.00	86.00	58.00	30.00	88.00	7.10	12.74	0.13	113.10	132.00	7.00
Sep-20	Max	8.50	217.00	48.60	8.00	96.00	66.00	32.00	98.00	9.94	13.51	0.20	141.05	146.00	8.00
	Avg	8.19	196.21	24.22	1.64	90.57	61.57	31.00	92.57	8.06	13.05	0.15	127.54	139.96	7.39
	Min	7.91	166.00	8.04	0.00	88.00	60.00	32.00	92.00	7.10	13.01	0.10	107.90	133.00	7.00
Oct-20	Max	8.76	214.00	35.50	10.00	98.00	70.00	36.00	106.00	9.94	14.98	0.14	139.10	153.00	9.00
	Avg	8.31	189.64	16.36	2.50	92.14	62.43	33.79	96.21	8.88	13.87	0.12	123.27	138.86	7.61
	Min	8.12	224.00	7.12	0.00	102.00	66.00	32.00	98.00	8.52	14.23	0.22	145.60	134.00	7.00
Nov-20	Max	8.66	273.00	13.84	8.00	126.00	82.00	40.00	122.00	9.94	15.98	0.96	177.45	145.00	9.00
	Avg	8.38	258.57	10.75	3.64	116.36	74.57	35.79	110.36	9.33	15.34	0.94	168.07	138.61	7.68
	Min	8.02	230.00	8.09	0.00	102.00	68.00	28.00	96.00	5.68	15.20	0.10	149.50	14.00	7.00
Dec-20	Max	8.61	303.00	14.80	8.00	132.00	86.00	44.00	128.00	9.94	16.42	0.32	196.95	145.00	9.00
	Avg	8.41	287.25	10.37	4.64	126.71	82.57	40.14	122.71	8.98	15.98	0.23	186.71	129.96	7.50





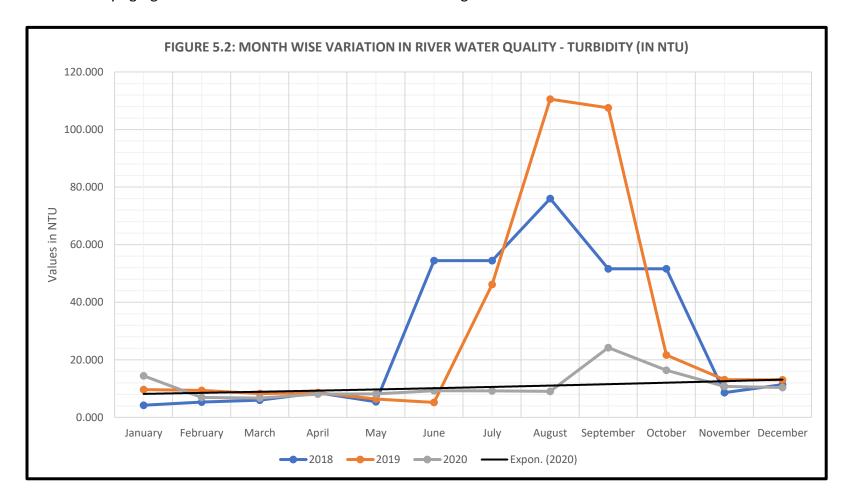
The analysis of long-term trend of characteristics of raw water reveals that pH of raw water at intake varies from 7.8 to 8.6 (Figure 5.1). Whereas during monsoon month (i.e. July – September) pH of raw water varies from 7.8-8.2 and remaining months it was recorded in the range of 8.3 to 8.6. Lowering of pH during monsoon may be explained due to the charging with low pH fresh water from surface runoff.







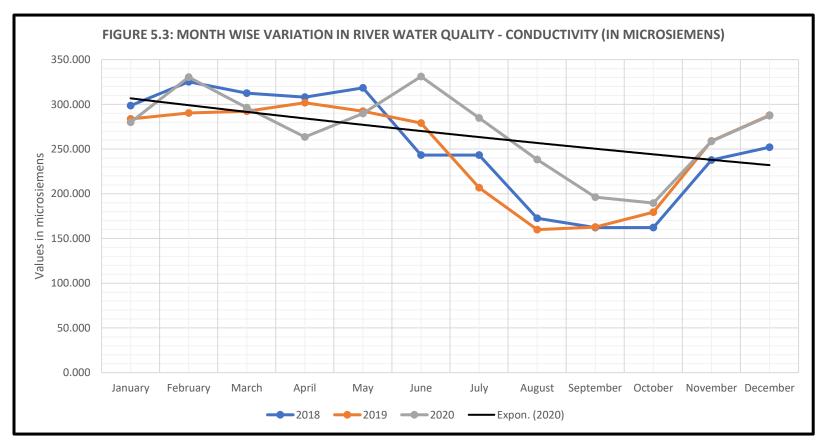
The analysis of long-term trend of monthly variations in turbidity of raw water reveals that turbidity of raw water at intake varies from 5 to 115 NTU (Figure 5.2). Whereas during monsoon month (i.e. July – September) turbidity of raw water is maximum and varies from 45 – 115 NTU and remaining months it was recorded in the range of 5 to 15 NTU. High turbidity during monsoon month due to surface water run off carrying significant amount of mud and silt material adding to river.







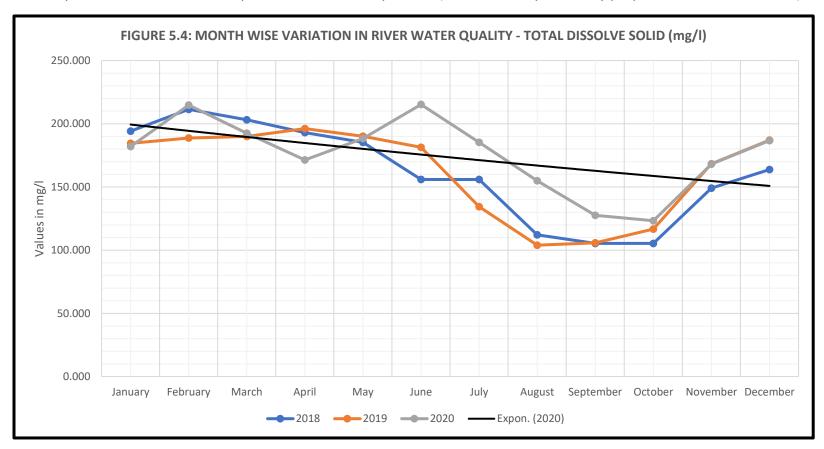
The analysis of long-term trend of monthly variations in conductivity of raw water reveals that conductivity of raw water at intake varies from 140 to 340 micro Siemens (Figure 5.3). Whereas during monsoon month (i.e. July – September) conductivity of raw water is lowest and varies from 140 to 280 micro Siemens and remaining months it was recorded in the range of 250 to 340 micro Siemens. Dilution effect arises due to charging of river water with fresh surface water (mostly from rain) may be assumed for lowest conductivity value during monsoon month.







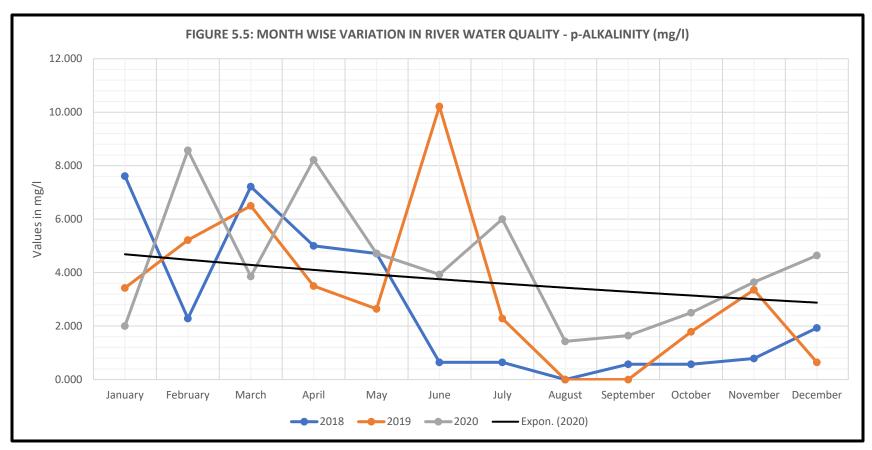
The analysis of long-term trend of monthly variations in Total Dissolved Solids (TDS) of raw water reveals that TDS of raw water at intake varies from 100 to 220 mg/l (Figure 5.4). Whereas during monsoon month (i.e. July – September) conductivity of raw water is lowest and varies from 100 to 175 mg/l and remaining months it was recorded in the range of 170 to 220 mg/l. The reason for TDS variation may be considered same as explained in conductivity section(as conductivity is directly proportional to TDS of water).







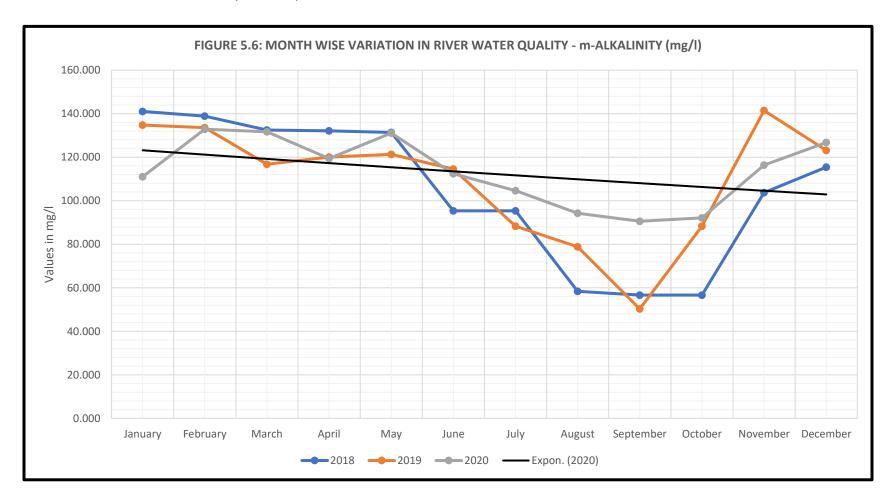
The analysis of long-term trend of monthly variations in p-Alkalinity of raw water reveals that p-Alkalinity of raw water at intake varies from 1.5 to 10 mg/l (Figure 5.5). Whereas during monsoon month (i.e. July – September) p-Alkalinity of raw water is lowest and varies from 1.5 to 6 mg/l and remaining months it was recorded in the range of 2 to 10 mg/l. Since there is a lowering of pH during monsoon period the alkalinity value also seems to be lowest during monsoon based on pH and alkalinity inverse relationship.







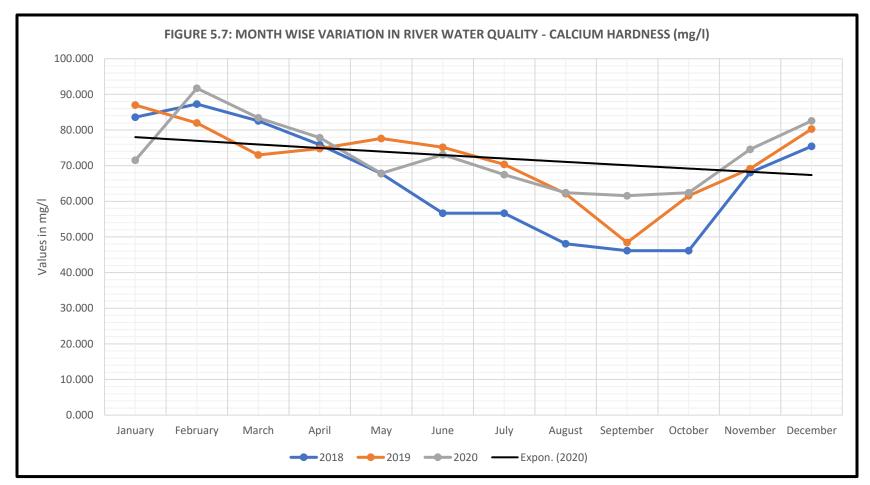
The analysis of long-term trend of monthly variations in m-Alkalinity of raw water reveals that m-Alkalinity of raw water at intake varies from 50 to 140 mg/l (Figure 5.6). Whereas during monsoon month (i.e. July – September) m-Alkalinity of raw water is lowest and varies from 50 to 105 mg/l and remaining months it was recorded in the range of 95 to 140 mg/l. The explanation may be considered same as discussed in previous p- Alk section.







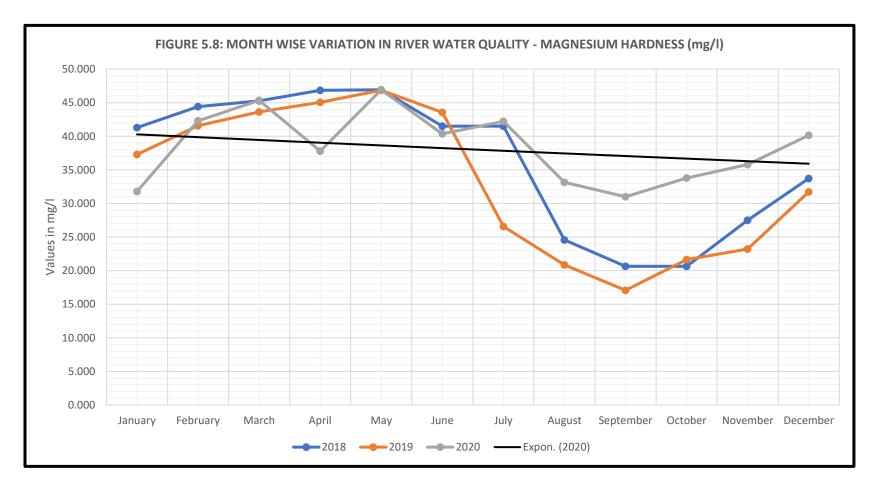
The analysis of long-term trend of monthly variations in Calcium hardness of raw water reveals that Calcium hardness of raw water at intake varies from 45 to 90 mg/l (Figure 5.7). Whereas during monsoon month (i.e. July – September) Calcium hardness of raw water is lowest and varies from 45 to 70 mg/l and remaining months it was recorded in the range of 48 to 90 mg/l. The reason for lowering of Ca hardness value may be considered due to dilution effect during monsoon season.







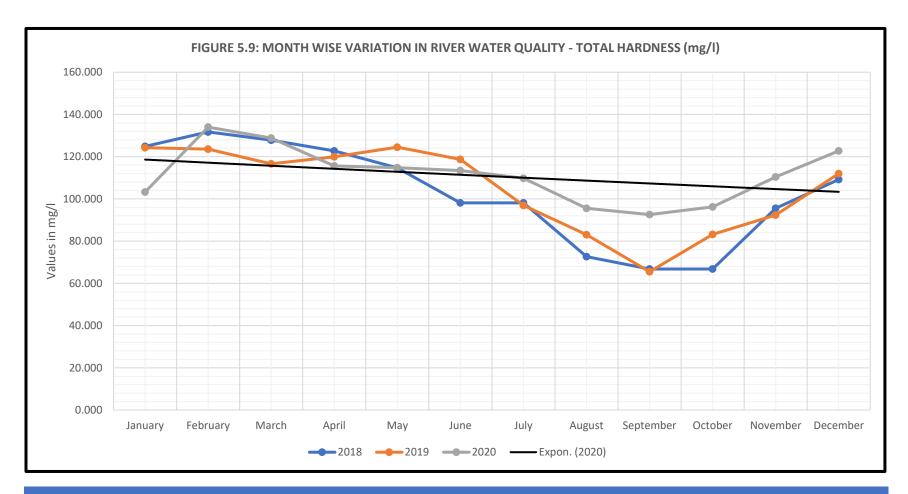
The analysis of long-term trend of monthly variations in Magnesium hardness of raw water reveals that Magnesium hardness of raw water at intake varies from 17 to 47 mg/l (Figure 5.8). Whereas during monsoon month (i.e. July – September) Magnesium hardness of raw water is lowest and varies from 17 to 42 mg/l and remaining months it was recorded in the range of 20 to 47 mg/l. The reason for lowering of MgH value may be considered same as in the case of CaH value in the previous section.







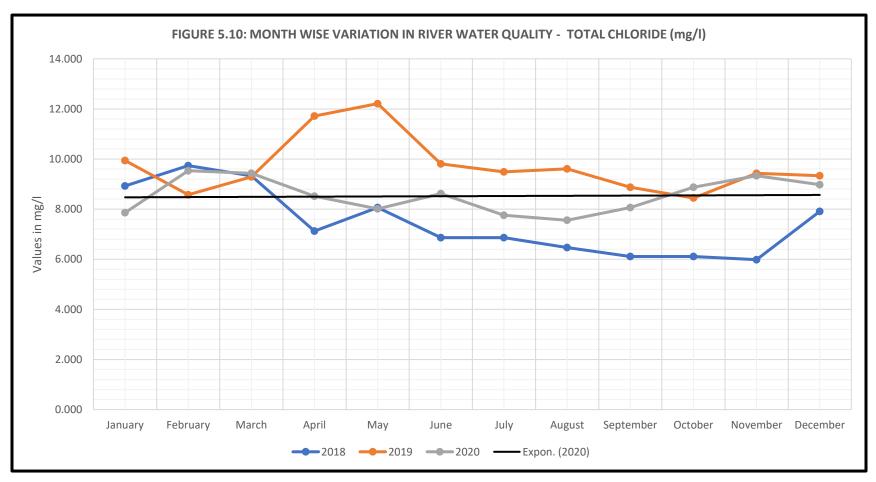
The analysis of long-term trend of monthly variations in Total hardness of raw water reveals that Total hardness of raw water at intake varies from 65 to 135 mg/l (Figure 5.9). Whereas during monsoon month (i.e. July – September) Magnesium hardness of raw water is lowest and varies from 65 to 110 mg/l and remaining months it was recorded in the range of 70 to 135 mg/l. The reason for lowering of total hardness value may be considered same (Dilution effect) as in the case of Ca hardness and Mg hardness value in the previous two section.







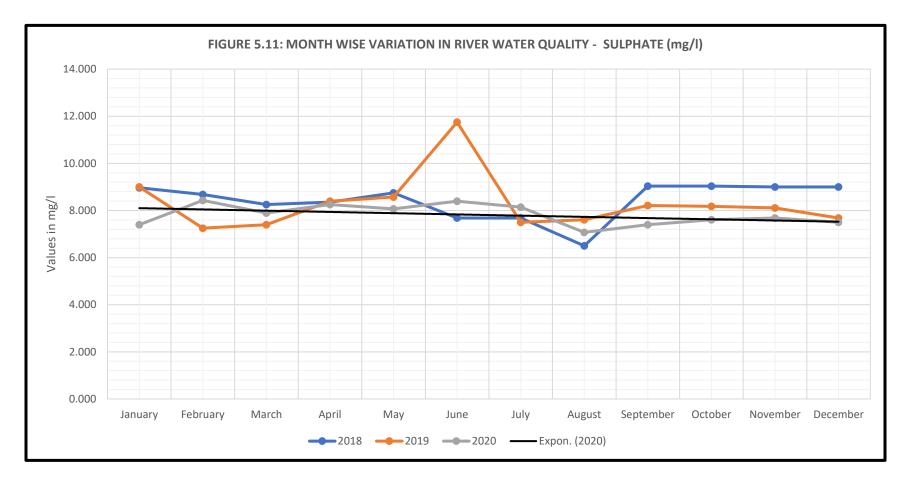
The analysis of long-term trend of monthly variations in Total Chloride of raw water reveals that Total Chloride of raw water at intake varies from 6 to 12 mg/l (Figure 5.10). Whereas during monsoon month (i.e. July – September) Total Chloride of raw water varies from 7 to 9.5 mg/l. The higher value of chloride during monsoon period may be explained as: lowering of pH and alkalinity value of river water during monsoon period seems to be responsible for dissolution of various chloride salts present in water leading to increase in chloride value in river water during monsoon.







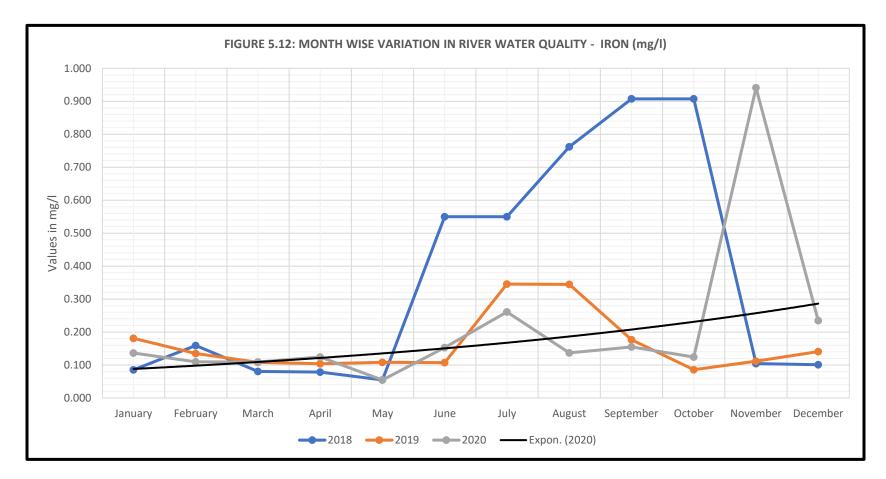
The analysis of long-term trend of monthly variations in Sulphate of raw water reveals that Sulphate of raw water at intake varies from 6.5 to 12 mg/l (Figure 5.11). Whereas during monsoon month (i.e. July – September) Sulphate of raw water is lowest and varies from 6.5 to 9 mg/l and remaining months it was recorded in the range of 7.5 to 12 mg/l. The reason of higher value of sulphate during monsoon is considered to be same(dissolution effects due to lowering of pH) as explained for Chloride in the previous section.







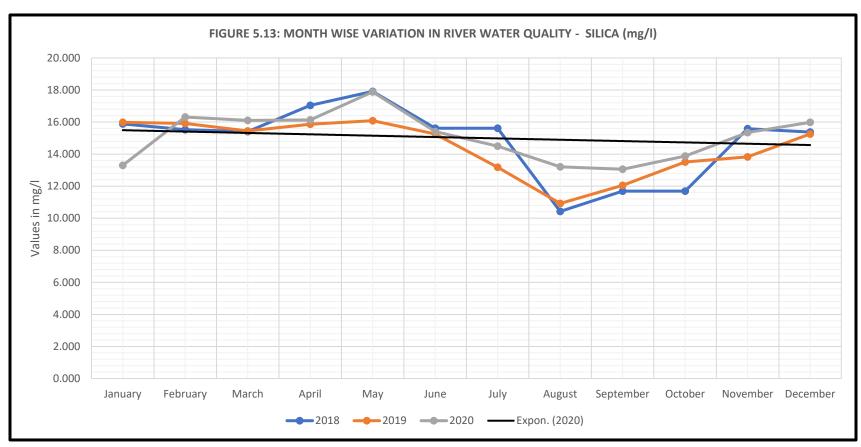
The analysis of long-term trend of monthly variations in Iron of raw water reveals that Iron of raw water at intake varies from 0.08 to 0.95 mg/l (Figure 5.12). Whereas during monsoon month (i.e. July – September) Iron of raw water is slightly higher and varies from 0.55 to 0.9 mg/l as compared to the other months. The reason for higher value of iron is due to lowering of pH that leads to dissolution of iron based salts present in water during the monsoon period.







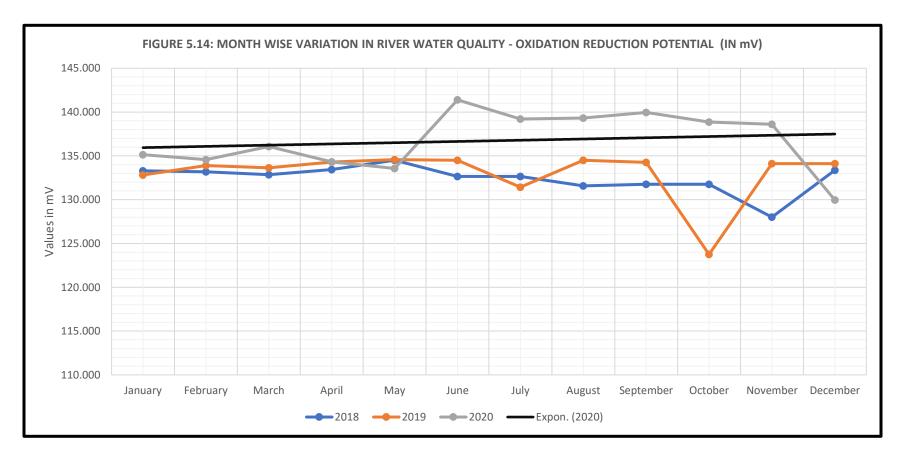
The analysis of long-term trend of monthly variations in Silica of raw water reveals that Silica of raw water at intake varies from 10 to 18 mg/l (Figure 5.13). Whereas during monsoon month (i.e. July – September) Silica of raw water is lowest and varies from 10 to 15.5 mg/l and remaining months it was recorded in the range of 12 to 18 mg/l. Dilution effect seems to be responsible for lowering of silica with other parameters like pH, Conductivity, TDS of river water during monsoon period.







The analysis of long-term trend of monthly variations in Oxidation Reduction Potential (ORP) of raw water reveals that ORP of raw water varies from 124 to 142 mV (Figure 5.14). The high ORP indicates the ability of water to cleanse itself or break down waste material due to high oxygen present in water system.







5.2 WATER TREATMENT PLANT

Raw water is pumped from the reservoir to the cascade aerators of water treatment plants. Conceptual flow diagram of Water Treatment Plants (WTPs) of Tiroda TPP is presented in Figure 5.15 (a). Clarified water is sent to cooling towers as makeup water as well as DM plant for de-mineralisation. Part of clarified water is also being directly used in auxiliary systems. The view of water treatment plants is presented in Figure 5.15 (b)

FIGURE 5.15(a): CONCEPTUAL FLOW DIAGRAM OF WATER TREATMENT PLANT AT TIRODA THERMAL POWER PLANT

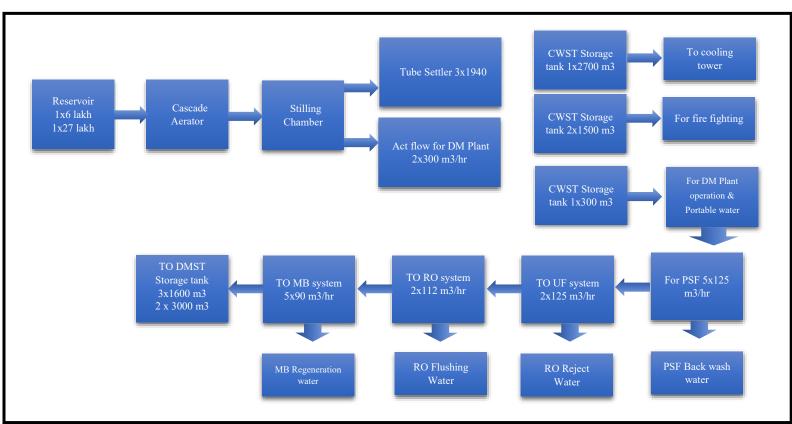






FIGURE 5.15 (b): VIEW OF WATER TREATMENT PLANT AT TIRODA TPP (5x660 MW)







5.2.1 Cooling Tower Makeup Water Quality

The clarified water is being used in cooling towers as makeup water. The characteristics of cooling tower makeup water is presented in Table 5.4.

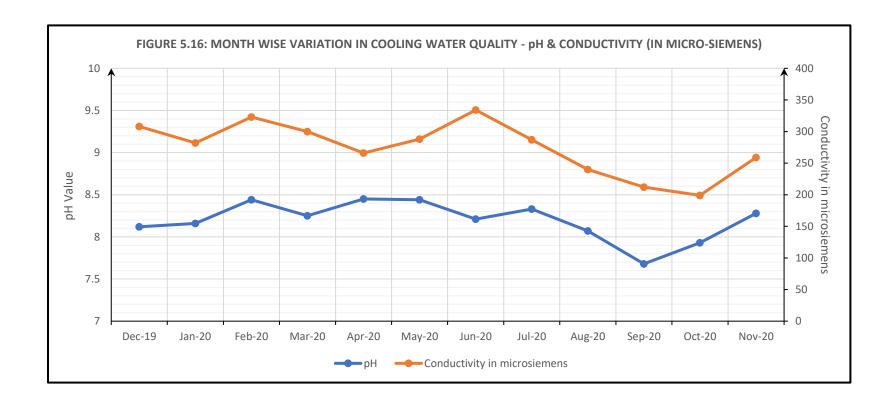
TABLE 5.4: COOLING TOWER MAKEUP WATER QUALITY

Month/	рН	Conductivity, in micro-siemens	Total Hardness, in mg/l	Ca-Hardness, in mg/I	Mg-Hardness, in mg/l	Alkalinity, in mg/l	Chloride, in mg/l	Silica, in mg/l
Designed Value	7.5-8.5	250-350	120-160	60-90	50-70	160-200	14-25	15-30
Dec-19	8.12	308	120	84	36	129	10.68	17
Jan-20	8.16	282	115	78	37	120	10.4	16
Feb-20	8.44	323	129	88	41	139	11.2	17
Mar-20	8.25	300	125	85	40	135	10.26	15
Apr-20	8.45	266	112	74	38	115	8.74	15
May-20	8.44	288	119	77	42	116	11	17
Jun-20	8.21	334	117	75	42	123	12.32	18
Jul-20	8.33	287	103	64	38	101	8.99	15
Aug-20	8.07	240	93	59	34	91	8.87	14
Sep-20	7.68	212	85	55	30	73	7.3	13
Oct-20	7.93	199	89	59	30	86	9.53	14
Nov-20	8.28	259	108	73	35	122	11.36	15



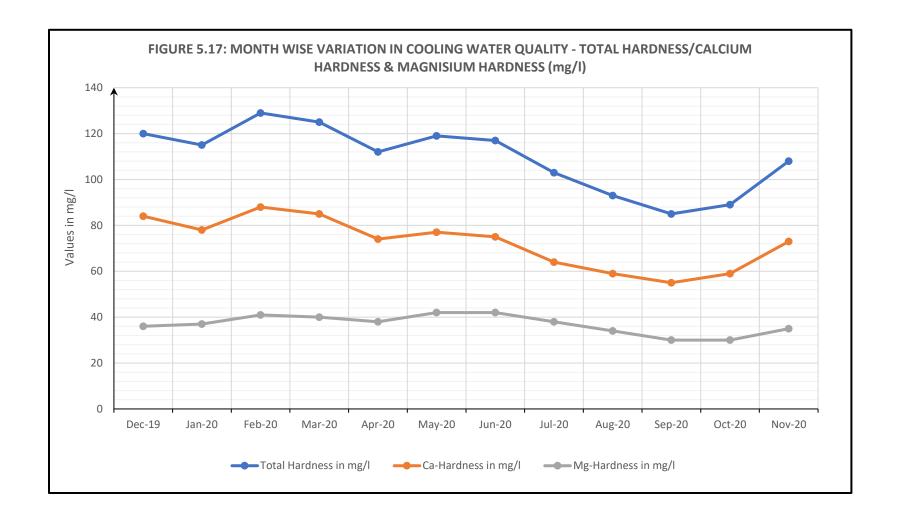


The monthly variations in characteristics of clarified water which is being used in cooling towers as makeup water against the designed parameters are presented in Figure 5.16 to 5.19. The analysis reveals that all the parameters of clarified water which is being used in cooling towers as makeup water are being maintained as per the designed parameter values.



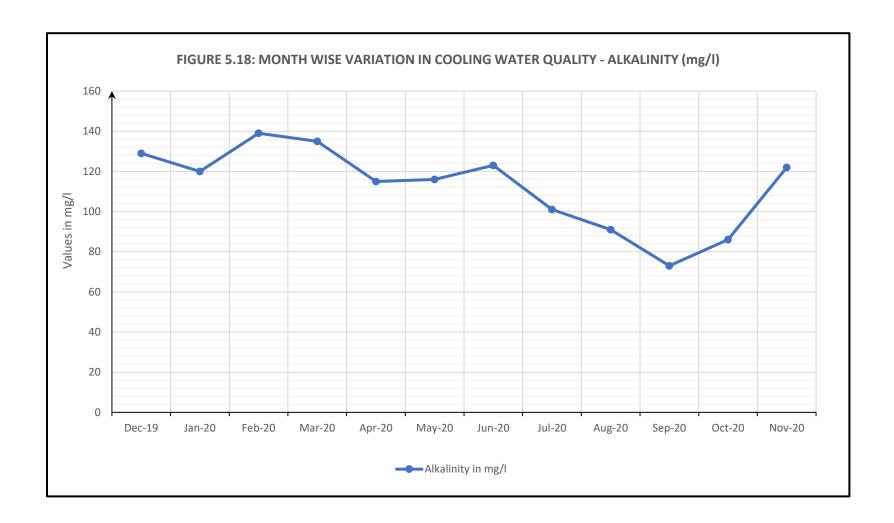






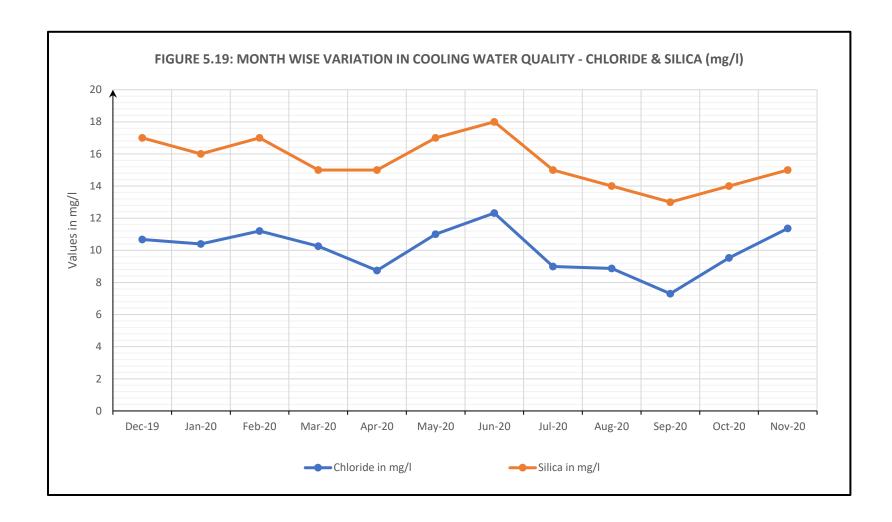
















5.2.2 Circulation Water Quality of Cooling Towers

The characteristics of circulation water of cooling tower is presented in Table 5.5.

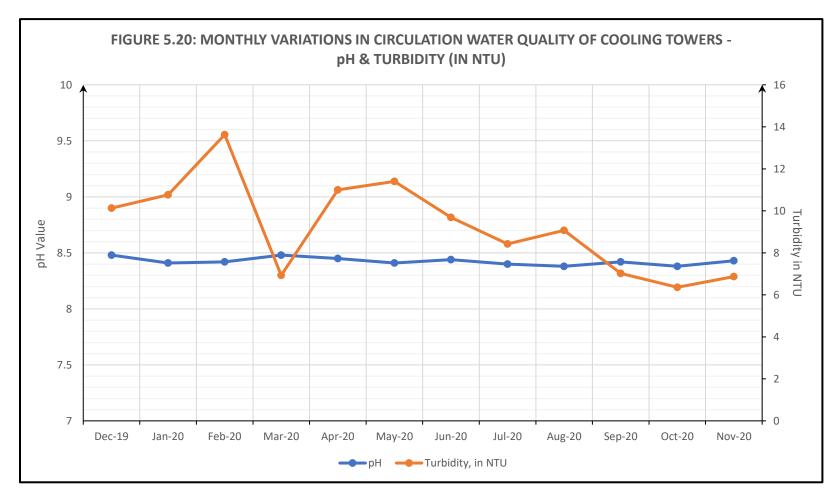
Table 5.5: MONTHLY VARATIONS IN CIRCULATION WATER QUALITY OF COOLING TOWERS

Month/Designed Value	рН	Conductivity, in micro- siemens	Turbidity, in NTU	Total Hardness, in mg/l	Ca- Hardness, in mg/l	Mg- Hardness, in mg/l	Alkalinity, in mg/l	Silica, in mg/l	Chloride, in mg/l	LSI	coc
	<8.5	<3000	<20	<1050	<550	<550	<350	<170	<250	<2.5	5.5-6
Dec-19	8.48	1624	10.13	675	471	204	122	89	64.24	1.78	5.67
Jan-20	8.41	1619	10.76	670	456	214	113	86	71.4	1.59	5.89
Feb-20	8.42	1814	13.63	784	536	248	113	90	85.18	1.68	6.12
Mar-20	8.48	1578	6.93	717	489	228	133	85	74.48	1.7	5.74
Apr-20	8.45	1405	11	636	424	212	137	85	75	1.69	5.69
May-20	8.41	1576	11.4	696	456	240	118	86	94.22	1.62	5.89
Jun-20	8.44	1535	9.69	609	393	216	118	85	86.84	1.59	5.2
Jul-20	8.4	1632	8.42	603	380	223	107	85	89.96	1.49	5.89
Aug-20	8.38	1337	9.07	520	332	188	105	82	80.46	1.42	5.64
Sep-20	8.42	1139	7.02	468	304	164	109	75	75.22	1.44	5.51
Oct-20	8.38	1190	6.36	510	339	170	105	76	80.32	1.41	5.73
Nov-20	8.43	1247	6.87	568	387	182	112	77	80.83	1.54	5.34



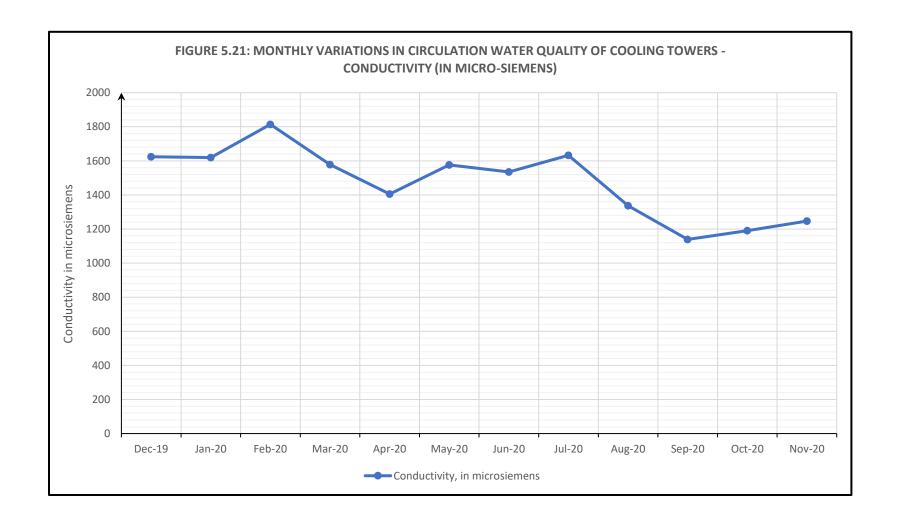


The monthly variations in characteristics of circulation water of cooling towers are presented in Figure 5.20 to 5.26. The analysis reveals that all the parameters of circulation water of cooling towers are being maintained as per the designed parameter values with cycle of concentration (COC) of 5.5.



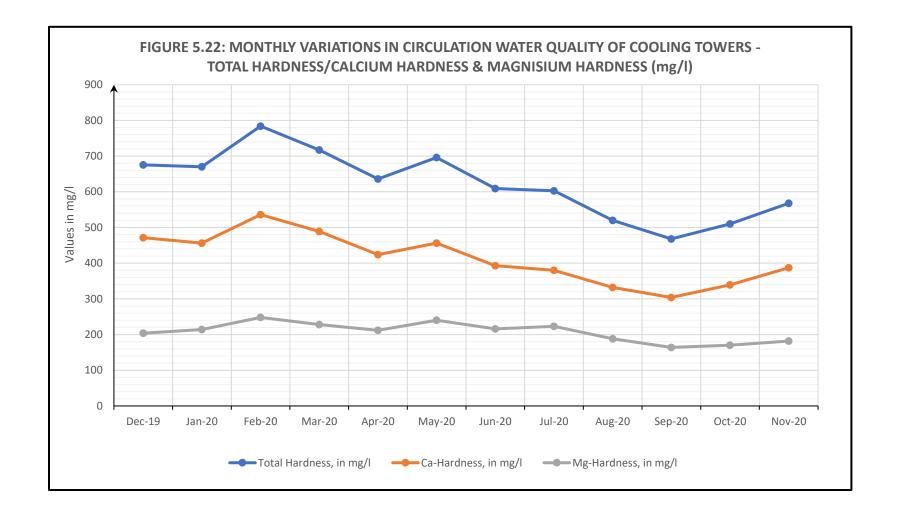






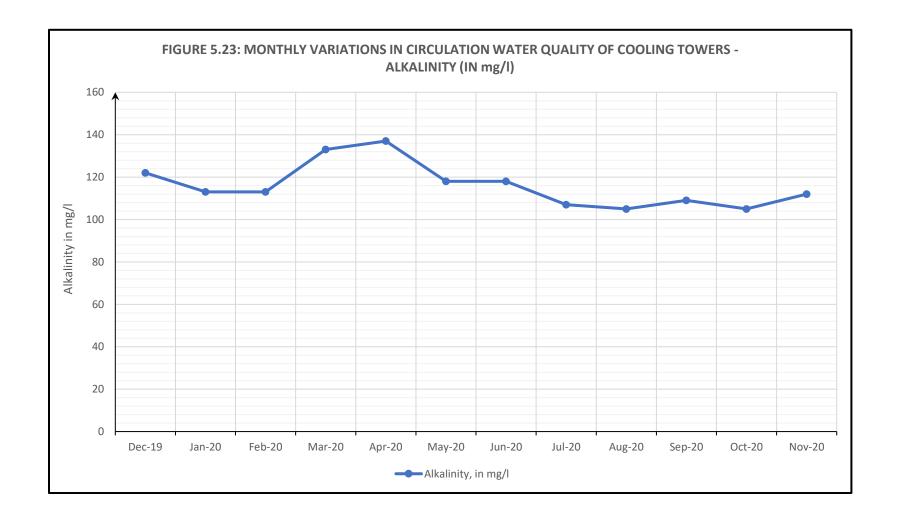






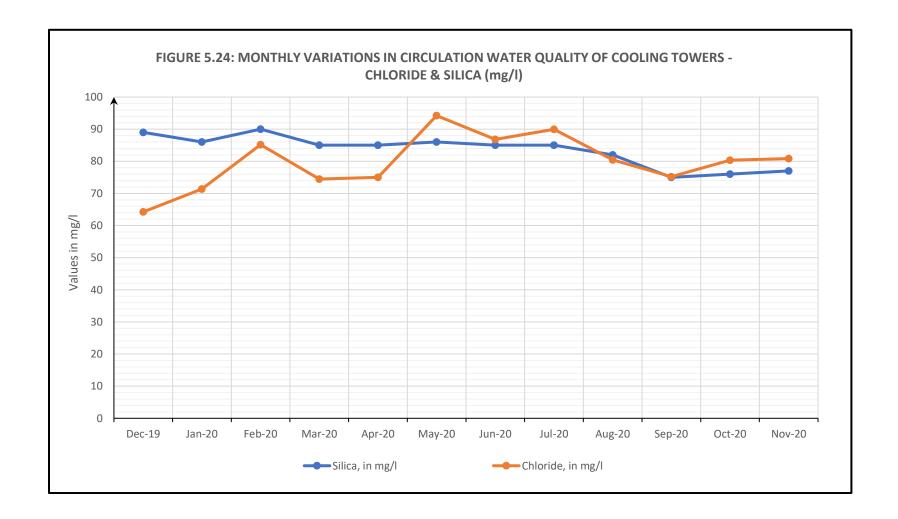






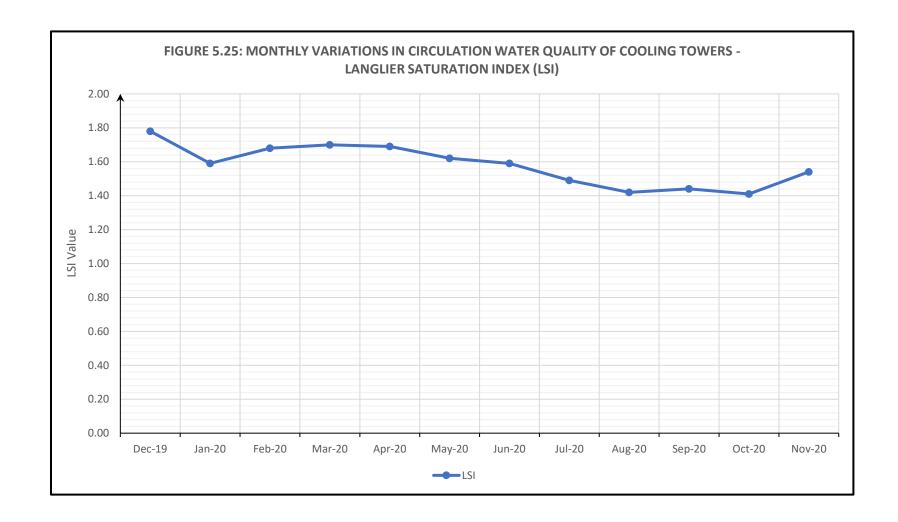






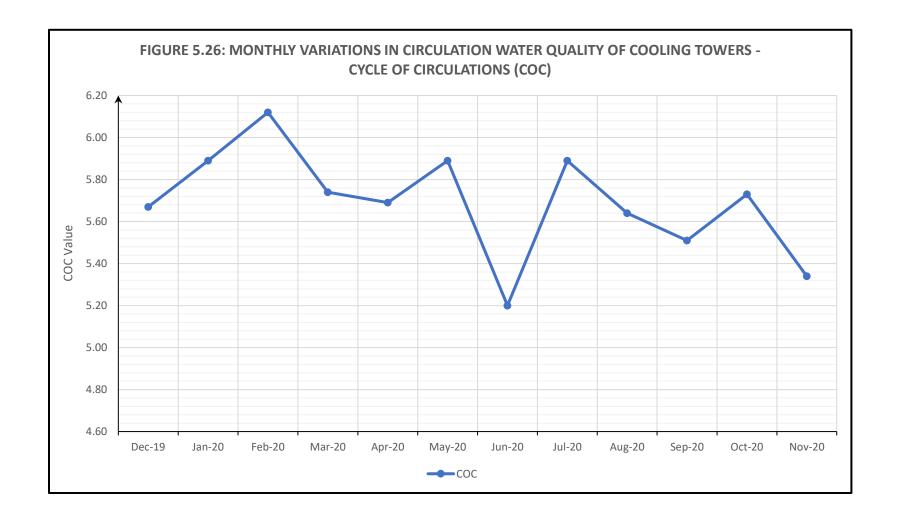
















The performance evaluation of cooling tower water circulation system and efficiency of water use has been carried out based on the quantity of use of CT makeup water along with its quality as well as quality of CT circulation water and COC. The analysis reveals that CT makeup water quality is being maintained as per designed parameter value as follows:

Parameter	Unit	CT Make-up Water	CT Circulation Water
рН	-	7.5-8.5	8.3-8.5
Turbidity	NTU	-	6.3-10.2
Conductivity	Micro Siemens	250-350	1140-1815
Total Dissolved Solids	mg/l	170-250	
Total Hardness	mg/l	120-160	460-785
Calcium Hardness	mg/l	60-90	300-540
Magnesium Hardness	mg/l	50-70	160-250
Alkalinity	mg/l	160-200	105-140
Chloride	mg/l	14-25	64-95
Silica	mg/l	15-30	75-90
Langlier Saturation Index (LSI)	-	-	1.4-1.8
Cycle of Concentration (COC)	-	-	5.2-6.1

As per analysis results, the positive value LSI indicates that water is scale forming in nature rather than corrosive. Further, it has been found the circulating water pH is ranging from 8.3 to 8.5 and Calcium Hardness varies from 300 to 540 mg/l which seems to be the most significant parameter with respect to scale forming rather than TDS. It is important to note that the LSI value of the recirculating cooling water presently observed to be follow in the higher side of the scale forming-as LSI value lies between 1.4-1.8 range against maximum allowable LSI is 2.

Actually, LSI range for scale forming nature -0.5-2.0. Based on above, it is recommended that if the LSI vale can be kept between 0.9 - 1.2 range- colling water system will be much less prone to scale formation compare to present condition. This can be achieved by simply maintaining the pH in the range of 7.8-8.2 (the best pH range for running a cooling water system). Calcium hardness can go up to its highest value 540 and COC of 6 can also be achieved.





The indications for the LSI and the improved LSI by Carrier are based on the following values:

Langlier Saturation Index (LSI)	Indication
LSI<0	Water is under saturated with respect to calcium carbonate. Under saturated water has a tendency to remove existing calcium carbonate protective coatings in pipelines and equipment
LSI=0	Water is considered to be neutral. Neither scale-forming nor scale removing
LSI>0	Water is supersaturated with respect to calcium carbonate (CaCO₃) and scale forming may occur

LSI (Carrier)	Indication
-2,0<-0,5	Serious corrosion
-0,5<0	Slightly corrosion but non-scale forming
LSI = 0,0	Balanced but pitting corrosion possible
0,0<0,5	Slightly scale forming and corrosive
0,5<2	Scale forming but non-corrosive

Further, it is recommended for chemical treatment of cooling water using scale dispersant based on advance dispersion polymer technology along with the conventional scale inhibitors to provide enhance protection to the heat exchange systems. By implementing the same, the COC may go up to 6.5 as well.





5.2.3 RO AND MB Water Quality

The part of clarified water is being sent to DM Plant (RO and MB units) for demineralisation to be used as boiler feed water and other auxiliary services. To get high-purity demineralized water for boiler feed makeup water the mixed bed (MB) unit is being used in Tiroda TPP. The MB unit consist of two types of resins, cation & anion in the same column. The resins are separated by water during regeneration and mixed with air for service cycle. The P&I Diagram of RO and MB Units are presented in Annexure IV. The characteristics of RO and MB water is presented in Table 5.6 and 5.7.

Table 5.6: RO WATER QUALITY

Parameter	Design Value	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20	Apr-20	Mar-20	Feb-20	Jan-20
рН	NA	6.9	6.89	6.85	6.91	6.9	6.8	6.81	6.85	6.82	6.88	6.81	6.92
Conductivity (Micro- siemens	30 micro-siemens	19.3	19.2	19.1	18	17.8	18.4	18.8	17.5	17.2	17.0	17.1	17.12
Flow(feed)	112 m3/hrs	90	100	100	100	100	99	100	98	100	101	100	105
Flow(perm)	95 m3/hrs	75	81	82	81	80	81	83	82	81	81	82	83

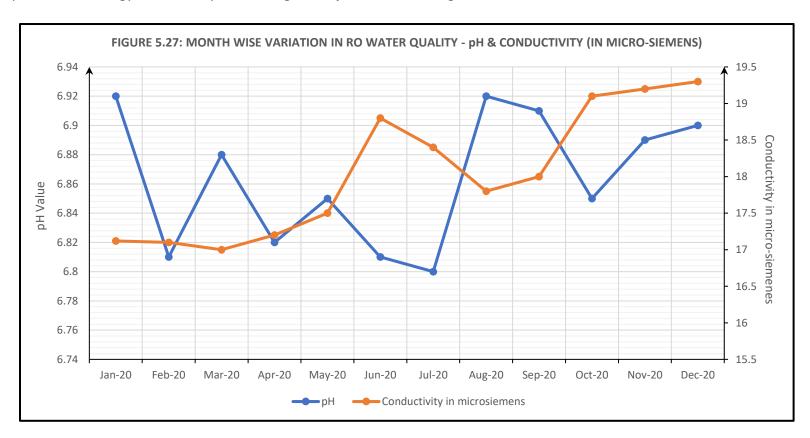
Table 5.7: MB WATER QUALITY

Parameter	Design Value	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20	Apr-20	Mar-20	Feb-20	Jan-20
рН	5.8 to 6.8	5.75	5.62	5.81	5.96	6.1	6	5.92	6.12	5.76	5.98	5.80	5.88
Conductivit y	<1 micro-siemens	0.51	0.6	0.62	0.71	0.58	0.59	0.62	0.6	0.72	0.8	0.6	0.51
SiO2	<20 ppm	14	12	13	15	10	12	14	13	9	11	15	11
Flow(perm)	95 m3/hrs	78	80	76	72	74	76	77	80	73	79	72	74



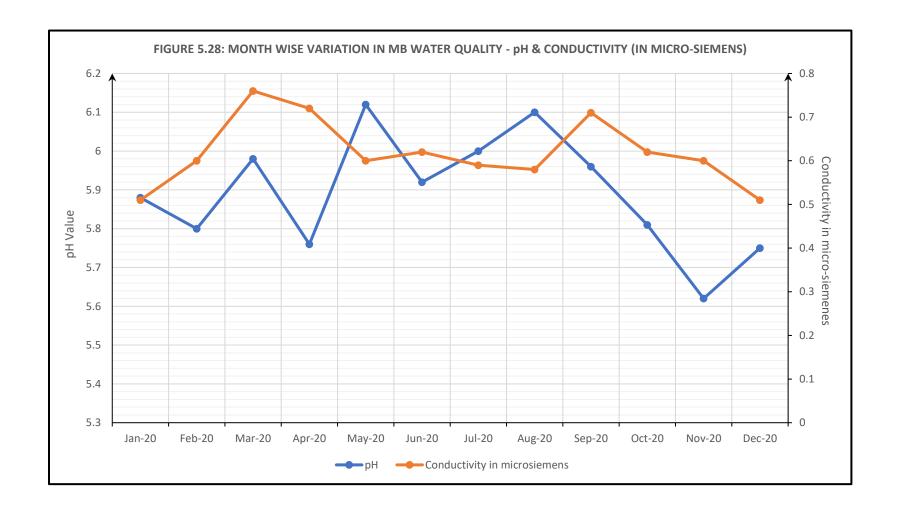


The monthly variations in characteristics of RO & MB water against the designed parameters are presented in Figure 5.27 and 5.28-5.29 respectively. The analysis reveals that conductivity of RO is varying from 17.0 to 19.3 micro-Siemens against the designed value of 30 micro-Siemens. Whereas Conductivity and Silica content of MB water is varying from 0.5 to 0.7 micro-Siemens and 9 to 15 ppm against the designed value of 1 micro-Siemens and 20 ppm respectively. As the existing RO treatment system is running with 84.8 percent recovery which may possible improved to 90% by reviewing the membrane specification with proper recommendation based on improved technology and thereby minimizing the reject/wastewater generation.



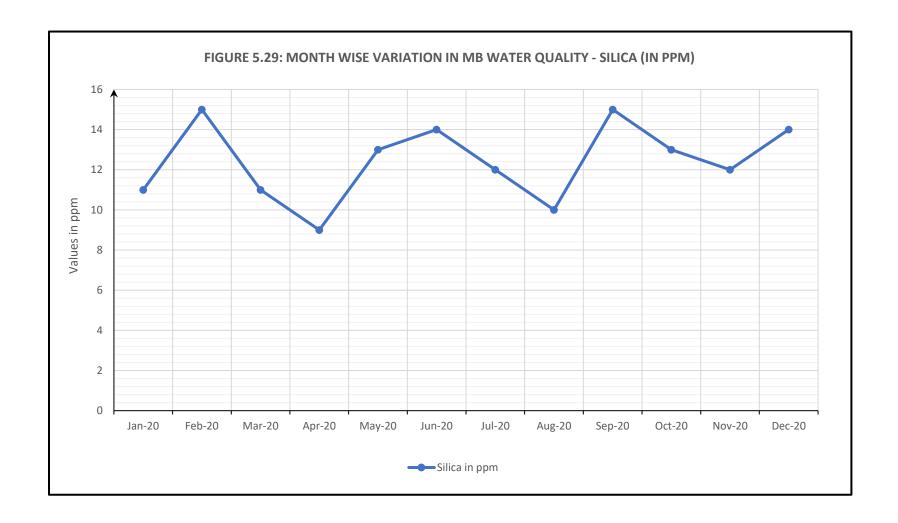
















6.0 PERFORMANCE EVALUATION OF WASTE WATER TREATMENT PLANTS

6.1 WASTE WATER GENERATION

The prime sources of wastewater generation in TTPP include cooling tower blow down, DM plant effluent, ash pond water, washing, cleaning and other domestic wastewater. The quantity/quality and treatment systems various wastewater provided in TTPP is presented in subsequent section. The estimated quantity of wastewater generation from TTPP is presented in Table 6.1. The waste water generation rate at TTPP was found to be 0.636 m³/MWh of power generated.

TABLE 6.1: STATUS OF WASTE WATER GENERATION IN TIRODA TPP

Sl. No.	Particulars	Quantity of Wastewater (m³/day)*
1	Cooling tower blow down water	33607
2	DM regeneration wastewater	1200
3	Industrial process wastewater	3633
4	Domestic Waste water	560
5	Boiler Blow down	-
	Total	39000

^{*} From all the Units i.e., 1 to 5

All the cooling water systems provided are of the open recirculation type with natural draft cooling towers. Majority of the CTBD water is presently being used for ash handling and dust suppression in CHP and some amount is stored in guard pond for subsequent recycling/reuse in AHP/CHP. However to enhance the water use efficiency it is proposed to recycle/reuse around 600 m³/hr CTBD with appropriate treatment as CT makeup water to reduce the fresh water consumption.

Ash slurry/ash water is taken into ash pond (i.e. with ash water ratio of 1:5) and 60% of ash water is recovered through ash water recovery system (AWRS) and reused in ash handling. It is proposed to enhance the ash water recovery efficiency to 70% by adopting the measures for reducing the collection and transportation losses/leakages through AWRS as well as improving the efficiency of clarifier being used to clarify the recovered ash water from ash pond. This will reduce the requirement of CTBD water for ash handling and potential utilization of the same.





Acid and alkaline streams from DM plants are taken separately and neutralized in neutralization pit and sent to the ETP. DM effluent and floor washing effluents are treated in a separate effluent treatment plant. Domestic wastewater from the plant after treatment in STP is being reused for green belt development.

6.2 CHARACTERISTICS OF WASTEWATER

Cooling Tower Blow Down (CTBD)

Major part of cooling tower blow down is being used in wet ash handling. About 1205 m³/hr of CTBD is being generated from all the units. The monthly variations in characteristics of CTBD is presented in Table 6.2 and 6.3.

Majority of the CTBD is being used in wet ash handling system (about 1109 m³/hr). A portion of this CTBD (about 91 m³/hr) is being used for BSL quenching. However, it is to be noted that since the requirement of BSL quenching water is occasional, normally of the balance CTBD along with other miscellaneous waste water (about 100m³/hr) about 83 m³/hr is being used for ash dyke sprinkling and 79 m³/hr for suppression of dust at CHP and 34 m³/hr is stored at guard pond for subsequent recycling and reuse. During the BSL quenching the additional ash water requirement is being met from the guard pond.





FIGURE 6.0(a): CTBD BEING USED IN ASH HANDLING PLANT AT TIRODA TPP (5x660 MW)







FIGURE 6.0(b): CTBD & OTHER WASTEWATER BEING USED IN COAL HANDLING PLANT AT TIRODA TPP (5x660 MW)







TABLE 6.2: WASTEWATER CHARACTERISTICS OF TTPP - COOLING TOWER BLOW DOWN WATER

CI			MADOD					Mont	h of Sam	pling				
SI. No.	Parameters	Unit	MPCB Limit	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov
Unit-	1													
1	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.22	0.2			0.1	0.1	0.20	0.2	0.3
2	Zinc (as Zn)	mg/l	1.0	BDL	BDL	0.15	BDL	Unit	Unit	BDL	BDL	0.22	BDL	BDL
3	Total Chromium (as Cr)	mg/l	0.2	BDL	BDL	0.027	BDL	Shut down	Shut	BDL	BDL	0.024	BDL	BDL
4	Phosphate (as PO ₄)	mg/l	5.0	<2	<2	1.38	<2			<2	<2	1.31	0.30	<2
Unit-	2													
5	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.25	0.2	Unit	Unit	0.2	0.1	0.15	0.2	0.3
6	Zinc (as Zn)	mg/l	1.0	BDL	BDL	0.30	BDL	Shut down	Shut down	BDL	BDL	0.18	BDL	BDL
7	Total Chromium (as Cr)	mg/l	0.2	BDL	BDL	0.026	BDL			BDL	BDL	0.020	BDL	BDL
8	Phosphate (as PO ₄)	mg/l	5.0	<2	<2	1.40	<2			<2	<2	1.37	0.30	<2
Unit-	3													
9	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.22	0.1	Unit Shut	Unit Shut	0.3	0.1	0.15	0.3	0.2
10	Zinc (as Zn)	mg/l	1.0	BDL	BDL	0.28	BDL	Down	Down	BDL	BDL	0.22	BDL	BDL
11	Total Chromium (as Cr)	mg/l	0.2	BDL	BDL	0.020	BDL			BDL	BDL	0.026	BDL	BDL
12	Phosphate (as PO ₄)	mg/l	5.0	<2	<2	1.34	<2			<2	<2	1.41	0.20	<2
Unit-	4													
13	Free Available Chlorine	mg/l	0.5	Unit Shut	0.1	0.25	0.1	0.1	0.2	0.1	Unit Shut	0.4	0.2	0.1





CI.								Mont	h of Sam	pling				
SI. No.	Parameters	Unit	MPCB Limit	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov
14	Zinc (as Zn)	mg/l	1.0	down	BDL	0.30	BDL	BDL	BDL	BDL	Down	BDL	BDL	BDL
15	Total Chromium (as Cr)	mg/l	0.2		BDL	0.026	BDL	BDL	BDL	BDL		BDL	BDL	BDL
16	Phosphate (as PO ₄)	mg/l	5.0		<2	1.29	<2	<3	<2	<2		<2	0.40	<2
Unit-	5													
17	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.20	0.1	Unit Shut	Unit Shut	0.1	0.1	0.15	0.3	0.1
18	Zinc (as Zn)	mg/l	1.0	BDL	BDL	0.23	BDL	Down	Down	BDL	BDL	0.26	BDL	BDL
19	Total Chromium (as Cr)	mg/l	0.2	BDL	BDL	0.021	BDL			BDL	BDL	0.020	BDL	BDL
20	Phosphate (as PO ₄)	mg/l	5.0	<2	<2	1.33	<2			<2	<2	1.35	0.80	<2

^{*} Environmental Laboratory of APML; * Sampling Period: 2016-17

TABLE 6.3: WASTEWATER CHARACTERISTICS OF TTPP
- COOLING TOWER BLOW DOWN WATER

SI.	Parameters	Unit	MPCB Limit	M	onth of Sampli	ing
No.				Mar	Jun	Sep
Unit-1	l					
1	Free Available Chlorine	mg/l	0.5	0.22		0.20
2	Zinc (as Zn)	mg/l	1.0	0.15		0.22
3	Total Chromium (as Cr)	mg/l	0.2	0.027		0.024
4	Phosphate (as PO ₄)	mg/l	5.0	1.38		1.31
Unit-2	2					
5	Free Available Chlorine	mg/l	0.5	0.25		0.15
6	Zinc (as Zn)	mg/l	1.0	0.30		0.18
7	Total Chromium (as Cr)	mg/l	0.2	0.026		0.020





SI.	Parameters	Unit	MPCB Limit	M	lonth of Sampli	ng
No.	rarameters	Oilit	Wil CB Lillie	Mar	Jun	Sep
8	Phosphate (as PO ₄)	mg/l	5.0	1.40		1.37
Unit-3	3					
9	Free Available Chlorine	mg/l	0.5	0.22	0.25	0.15
10	Zinc (as Zn)	mg/l	1.0	0.28	0.27	0.22
11	Total Chromium (as Cr)	mg/l	0.2	0.020	0.030	0.026
12	Phosphate (as PO ₄)	mg/l	5.0	1.34	1.37	1.41
Unit-4						
13	Free Available Chlorine	mg/l	0.5	0.25	0.22	
14	Zinc (as Zn)	mg/l	1.0	0.30	0.20	
15	Total Chromium (as Cr)	mg/l	0.2	0.026	0.021	
16	Phosphate (as PO ₄)	mg/l	5.0	1.29	1.32	
Unit-5	;					
17	Free Available Chlorine	mg/l	0.5	0.20	0.22	0.15
18	Zinc (as Zn)	mg/l	1.0	0.23	0.23	0.26
19	Total Chromium (as Cr)	mg/l	0.2	0.021	0.026	0.020
20	Phosphate (as PO ₄)	mg/l	5.0	1.33	1.41	1.35

^{*} Sampling Period: 2016-17

The monthly variations in characteristics of Condenser Cooling Water is presented in Table 6.4 and 6.5.





TABLE 6.4: WASTEWATER CHARACTERISTICS OF TTPP - CONDENSER COOLING WATER

a								Mont	h of Sam	pling				
SI. No.	Parameters	Unit	MPCB Limit	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov
Unit-	1													
1	рН		6.5-8.5	8.4	8.4	8.05	8.5			7.8	8.2	8.1	8.2	8.2
2	Temperature	°C	Not to exceed 5°C higher than the intake water temperature	31	34	30	33	Unit Shut down	Unit Shut down	35	35	34	34	33
3	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.20	0.1			0.4	0.1	0.2	0.2	0.2
Unit-	2				<u> </u>	<u> </u>								
4	рН		6.5-8.5	8.3	8.4	7.90	8.4			8.0	8.5	8.2	8.2	8.1
5	Temperature	°C	Not to exceed 5°C higher than the intake water temperature	32	34	29	34	Unit Shut down	Unit Shut down	35	36	34	35	32
6	Free													
	Available	mg/l	0.5	0.2	0.1	0.25	0.1			0.1	0.1	0.5	0.2	0.2
Unit-	Chlorine													
7	pH		6.5-8.5	8.3	8.4	8.00	8.3			7.9	8.4	8.2	8.1	8.1
8	Temperature	°C	Not to exceed 5°C higher than the intake water temperature	32	34	30	34	Unit Shut down	Unit Shut down	36	35	35	35	32
9	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.25	0.3			0.4	0.1	0.4	0.2	0.2
Unit-			<u> </u>		_									
10	рН		6.5-8.5		8.4	7.85	8.4	7.8	7.5	8.0		8.3	8.3	8.2
11	Temperature	°C	Not to exceed 5°C higher than the intake water temperature	Unit Shut down	34	29	33	32	31	34	Unit Shut down	34	34	34
12	Free Available Chlorine	mg/l	0.5		0.1	0.20	0.2	0.1	0.2	0.2		0.2	0.2	0.2





SI.					Month of Sam				pling	pling				
No.	Parameters	Unit	MPCB Limit	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov
Unit-	Unit-5													
13	рН		6.5-8.5	8.4	8.4	8.10	8.5			8.0	8.3	8.3	8.4	8.2
14	Temperature	°C	Not to exceed 5°C higher than the intake water temperature	32	34	30	34	Unit Shut down	Unit Shut down	35	36	35	35	33
15	Free Available Chlorine	mg/l	0.5	0.2	0.1	0.2	0.1			0.1	0.1	0.2	0.3	0.2

^{*} Environmental Laboratory of APML; * Sampling Period: 2016-17

TABLE 6.5: WASTEWATER CHARACTERISTICS OF TTPP
- CONDENSER COOLING WATER

SI.	Parameters	Unit	MPCB Limit	Mont	h of Samp	ling
No.	Parameters	Unit	IVIPCE LIMIT	Mar	Jun	Sep
Unit-1						
1	рН		6.5-8.5	8.05		7.95
2	Temperature	°C	Not to exceed 5°C higher	30		29
			than the intake water			
			temperature			
3	Free Available Chlorine	mg/l	0.5	0.20		0.25
Unit-2	2					
4	рН		6.5-8.5	7.90		8.05
5	Temperature	°C	Not to exceed 5°C higher	29		29
			than the intake water			
			temperature			
6	Free Available Chlorine	mg/l	0.5	0.25		0.22
Unit-3	3					
7	рН		6.5-8.5	8.00	8.05	8.15
8	Temperature	°C	Not to exceed 5°C higher	30	30	29
			than the intake water			
			temperature			
9	Free Available Chlorine	mg/l	0.5	0.25	0.30	0.17
Unit-4						
10	рН		6.5-8.5	7.85	7.90	





SI.	Parameters	Unit	MPCB Limit	Mont	h of Samp	ling	
No.	raiameters	Onit Wir CD Limit		Mar	Jun	Sep	
11	Temperature	°C	Not to exceed 5°C higher	29	31		
			than the intake water				
			temperature				
12	Free Available Chlorine mg/l		0.5	0.20	0.25		
Unit-5	Unit-5						
13	рН		6.5-8.5	8.10	8.15	8.05	
14	Temperature	°C	Not to exceed 5°C higher	30	30	29	
			than the intake water				
			temperature				
15	Free Available Chlorine	mg/l	0.5	0.22	0.25	0.15	

^{*} Sampling Period: 2016-17

DM & CP Plant Regeneration Waste (Neutralized)

The waste is being generated in DM plant due to periodic regeneration of ion-exchange resin beds. Provision has been made for acid/alkali dosing in their neutralization pit for pH correction of the regeneration waste before this effluent is sent to the central monitoring basin. The average quantity of this stream is estimated at 30 m³/hr. The monthly variations in characteristics of DM Plant effluent presented in Table 6.6 and 6.7.

DM regeneration waste Neutralization pit also receive PT plant and ETP chemical storage area effluent and chemical laboratory effluent. This is an irregular/occasional effluent stream.

The average flow from CPU regeneration waste is estimated to be about 24 m³/hr. This effluent is being collected in a sump and neutralized from where it is being disposed to central monitoring basin.

TABLE 6.6: WASTEWATER CHARACTERISTICS OF TTPP

- DM PLANT EFFLUENT

SI.			МРСВ		Month of Sampling										
No.	Parameters	Unit	Limit	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	
1	pH value at 25°C	-	5.5- 9.0	8.9	8.8	7.72	8.3	8.9	7.60	8.1	8.1	7.9	8.2	8.2	
2	TSS	mg/l	100	80	50	28	70	80	22	70	20	40	60	50	
3	TDS	mg/l	2100	470	740	452	540	790	1740	450	620	710	260	330	
4	COD	mg/l	250	80	36	128	76	36	116	64	80	98	118.0	40	
5	BOD at	mg/l	100	12	16	16.3	24	12	14.8	18	12	14	15.0	16	





SI.			. МРСВ	Month of Sampling										
No.	Parameters	Unit	Limit	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov
	27°C for 3													
	days													
6	Oil &	mg/l	10	<1	<2	<4	<2	<2	<4	<3	<3	3.4	4	4
	Grease		10	7	\2	*	\2	\2	\4	?	\3	3.4	4	4

^{*} Environmental Laboratory of APML; * Sampling Period: 2016-17

TABLE 6.7: WASTEWATER CHARACTERISTICS OF TTPP

- DM PLANT EFFLUENT

SI.	Parameters	Unit	MPCB Limit	Month of Sampling					
No.	Parameters	Oilit	WIPCD LITTIL	Mar	Jun	Sep			
1	pH value at 25 ⁰ C	-	5.5-9.0	7.72	7.60	7.50			
2	TSS	mg/l	100	28	22	18			
3	TDS	mg/l	2100	452	1740	1132			
4	COD	mg/l	250	128	116	88.6			
5	BOD at 27°C for 3	mg/l	100	16.3	14.8	12.7			
	days								
6	Oil & Grease	mg/l	10	<4	<4	<4			

^{*} Sampling Period: 2016-17

The monthly status of quantity of RO reject waste water generation is presented in Table 6.8. The analysis indicates that the quantity of RO reject waste water generation at TTPP varies from 9902-16100 m3/month. The characteristics of RO reject wastewater is presented in Table 6.9 and Figure 6.1 to 6.4.

TABLE 6.8: STATUS OF MONTHLY VARIATIONS IN QUANTITY OF RO REJECT WASTE WATER GENERATION - 2020

Month	QUANTITY OF RO REJECT GENERATION (in m³)
January	13265
February	14628
March	16100
April	13475
May	11270





Month	QUANTITY OF RO REJECT GENERATION (in m³)
June	13055
July	12008
August	11081
September	11830
October	12320
November	11025
December	9902

^{*} Environmental Laboratory of APML; * Sampling Period: 2019-20





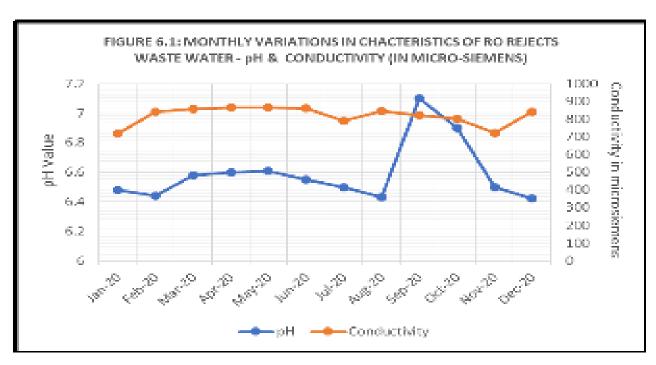
TABLE 6.9: CHACTERISTICS OF RO REJECT WASTEWATER - 2020

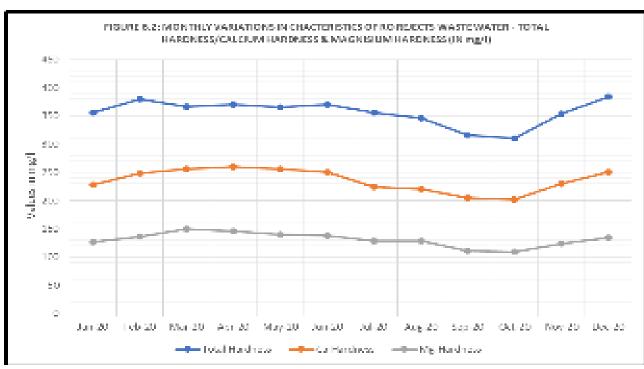
Month	рН	Conductivity in Micro-siemens	Total Hardness in mg/l	Ca-Hardness in mg/l	Mg-Hardness in mg/I	Chloride in mg/l	SiO2 in mg/l	SO4 in mg/l	m-Alkalinity in mg/l
January	6.48	718	356	228	126	98.56	48	16	242
February	6.44	842	380	248	136	98.56	56	22	240
March	6.58	856	366	256	150	104.58	68	32	256
April	6.6	866	370	260	146	100.56	62	30	258
May	6.61	865	365	256	140	106.56	64	28	260
June	6.55	860	370	250	138	110.58	66	26	252
July	6.5	788	356	224	128	98.58	46	16	242
August	6.43	846	346	220	128	103.56	38	20	236
September	7.1	820	316	205	111	98.56	44	18	260
October	6.9	800	310	202	109	99.4	37.8	16	260
November	6.5	722	354	230	124	98.55	46	18	240
December	6.42	840	384	250	134.4	102.55	54	22	232

^{*} Environmental Laboratory of APML; * Sampling Period: 2019-20



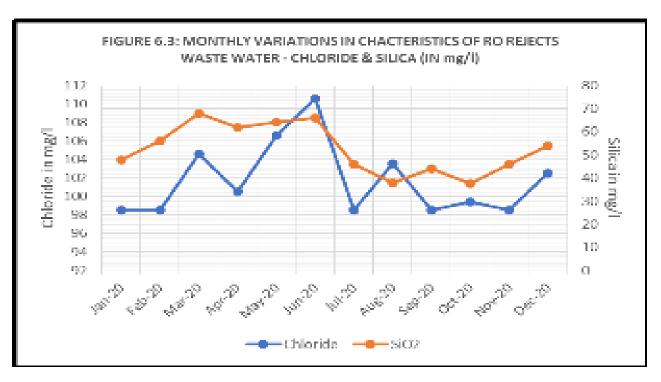


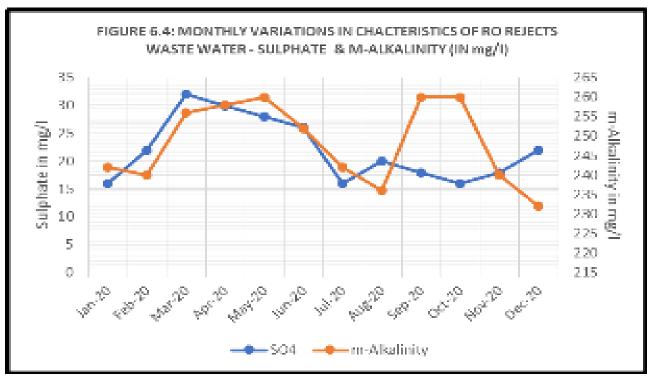
















The monthly status of quantity of neutralization pit waste water generation is presented in Table 6.10. The analysis indicates that the quantity of neutralization pit waste water generation at TTPP varies from 10038-16730 m3/month. The characteristics of neutralization pit waste water is presented in Table 6.11 and Figure 6.5 to 6.8.

TABLE 6.10: STATUS OF MONTHLY VARIATIONS IN QUANTITY OF DM PLANT N-PIT WASTE WATER GENERATION - 2020

Month	QUANTITY OF N-PIT WASTEWATER GENERATION (in m³)
January	16730
February	14989
March	15829
April	16520
May	16590
June	12005
July	11965
August	11725
September	12110
October	14280
November	15540
December	10038

^{*} Environmental Laboratory of APML; * Sampling Period: 2019-20





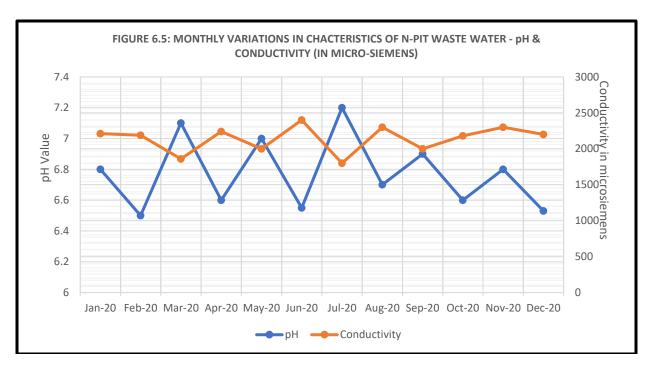
TABLE 6.11: CHACTERISTICS OF DM PLANT N-PIT WASTEWATER - 2020

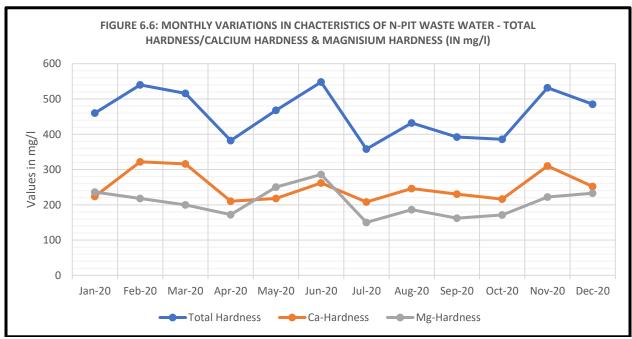
Month	рН	Conductivity in Micro-siemens	Total Hardness in mg/l	Ca-Hardness in mg/l	Mg-Hardness in mg/I	Chloride in mg/l	SiO2 in mg/l	SO4 in mg/l	m-Alkalinity in mg/l
January	6.8	2212	460	224	236	14.9	22	11	222
February	6.5	2190	540	322	218	10	15	10	240
March	7.1	1860	516	316	200	12.2	23	17	246
April	6.6	2240	382	210	172	11.6	18	15	226
May	7	2000	468	218	250	19.4	16	13	238
June	6.55	2400	548	262	286	16.8	13	10	242
July	7.2	1800	358	208	150	20.2	11	9	218
August	6.7	2300	432	246	186	9.9	16	14	238
September	6.9	2000	392	230	162	12.8	15	13	222
October	6.6	2180	386	216	171	19.6	14	11	215
November	6.8	2300	532	310	222	10.3	10	9	248
December	6.53	2200	485	252	233	15.4	13	10	232

^{*} Environmental Laboratory of APML; * Sampling Period: 2019-20



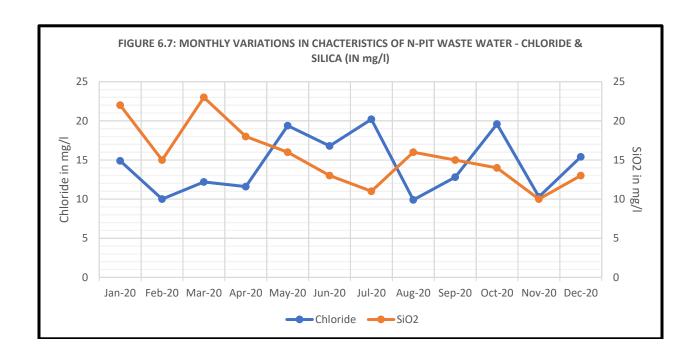


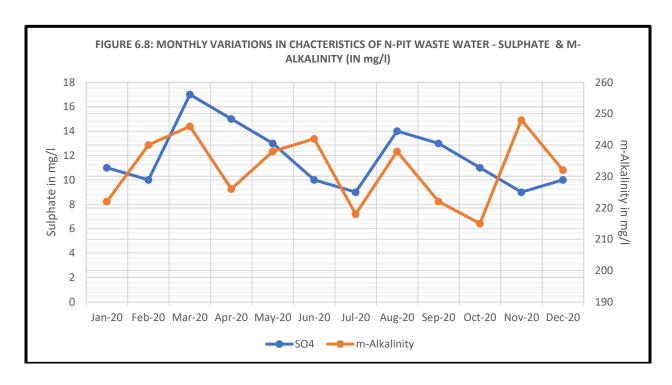
















Sludge from WTP Clarifier and Filter Backwash

The sludge generated from WTP Clarifier & filter backwashes is estimated as given below:

• WTP Clarifier: 65 m³/hr

Recycling through sludge thickeners & centrifuge: 50 m³/hr

• Solid cakes for disposal: 15 m³/hr

The monthly status of quantity of sludge pit waste water generation is presented in Table 6.12. The analysis indicates that the quantity of sludge pit waste water generation at TTPP varies from 10038-16730 m3/month. The characteristics of sludge pit waste water is presented in Table 6.13 and Figure 6.9 to 6.12.

The total sludge generated is being collected in clariflocculator sludge pit. All these wastes are basically rich in suspended solid content. From clariflocculator sludge pit sludge is being pumped to sludge thickener. The thickener overflow is being recycled to the inlet of WTP clarifier. This approach is aimed at conservation of water and at the same time minimization of wastewater disposal. The thickened sludge is being fed to centrifuge. The concentrate of centrifuge along with thickener overflow is being collected in sump from which it is being recycled to the inlet of WTP clarifier. The dried sludge from centrifuge is being disposed semi-manually deploying tipper trucks.

The thickened sludge sump and the thickener overflow/concentrate holding sump has been equipped with agitator to prevent sludge settling at the pit.

In sludge thickener/centrifuge polyelectrolyte is being used, which is often non-edible in nature. Since the thickener overflow is being recycled to the WTP clarifier, part overflow of which is being used in drinking water system. It is essential that polyelectrolyte being used must be of edible quality.





TABLE 6.12: STATUS OF MONTHLY VARIATIONS IN QUANTITY OF SLUDGE PIT WASTEWATER GENERATION - 2020

Month	QUANTITY OF SLUDGE PIT WASTEWATER GENERATION (in m³)
January	47040
February	43680
March	47040
April	41280
May	37200
June	39840
July	32880
August	16560
September	15840
October	
November	64320
December	35760

^{*} Environmental Laboratory of APML; * Sampling Period: 2019-20





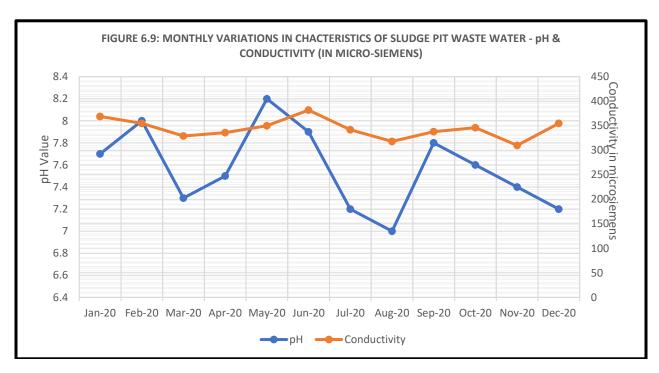
TABLE 6.13: CHACTERISTICS OF SLUDGE PIT WASTEWATER - 2020

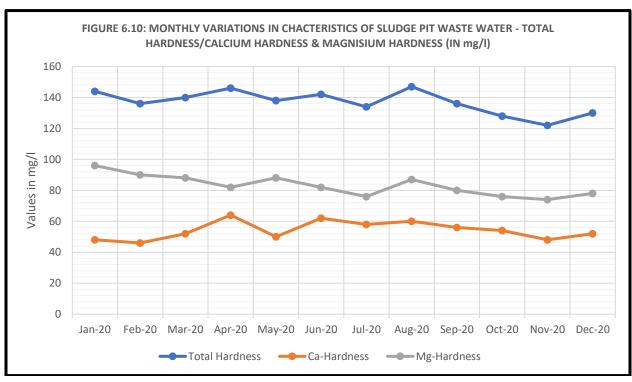
Month	рН	Conductivity in Micro-siemens	Total Hardness in mg/l	Ca-Hardness in mg/I	Mg-Hardness in mg/I	Chloride in mg/l	SiO2 in mg/l	SO4 in mg/l	m-Alkalinity in mg/l
January	7.7	369	144	48	96	16.2	19	10	136
February	8	355	136	46	90	15.9	27	15	142
March	7.3	329	140	52	88	16.8	29	13	138
April	7.5	336	146	64	82	17.6	24	11	132
May	8.2	350	138	50	88	18.2	26	14	124
June	7.9	382	142	62	82	15	21	12	116
July	7.2	342	134	58	76	11.4	23	10	120
August	7	318	147	60	87	13.7	17	9	128
September	7.8	338	136	56	80	15.2	22	12	126
October	7.6	346	128	54	76	12.6	16	10	122
November	7.4	310	122	48	74	14.8	18	13	118
December	7.2	355	130	52	78	15.6	20	11	120

^{*} Environmental Laboratory of APML; * Sampling Period: 2019-20



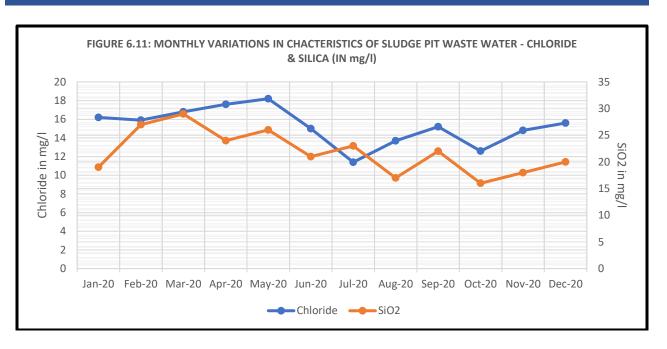


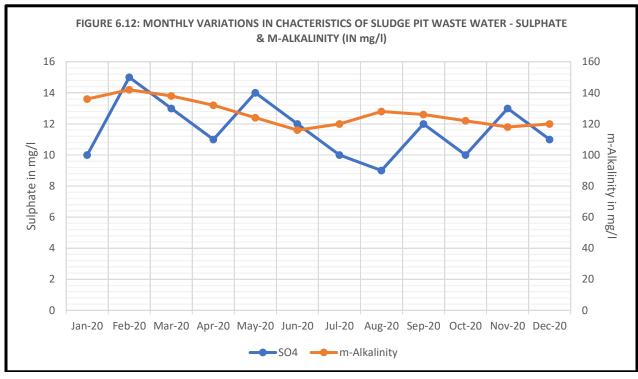
















Boiler System Loss (BSL)

This is an occasional effluent. This effluent is generated only during the boiler startup. Total BSL from each unit is estimated about 20.5 m³/hr i.e. total 102.5 m³/hr from all the units. This BSL has been quenched with cooling tower blow down for bringing down the temperature to acceptable degree for easier handling and disposal. Quenching water requirement is estimated at 45.5 m³/hr per unit i.e. total 227.5 m³/hr from all the units. Thus, total effluent is 330 m³/hr (for all the 5 units) from this source occasionally.

Characteristics of this mixture of two effluents are such that it does not require any treatment before equalization with other treated effluents. Hence, it leads to the central monitoring basin, conceived as the equalization basin for all treated/untreated liquid effluents. It has a BSL Quenching Pit (BSLQP) for each boiler unit. From this pit BSL & CTBD mix is being pumped to the Central Monitoring Basin (CMB).

Side Stream Filter Wastewater

It is estimated that 25 m³/hr (from all the 5 units) of cooling water side stream filter waste containing suspended solids to a tune of 2500 mg/l is being generated. This effluent is being used for wet ash handling system.

CHP Dust Suppression & Coal Pile Area Run Off

Coal pile area run off is being generated due to rainfall on the coal stockpile area. This waste stream is thus only being generated during monsoon months. The coal pile yard has been provided with a garland drain to channelize the run off to a properly designed settling pond. The overflow from the settling pond has been led to a sump and from this sump the same is being pumped to the CMB. This effluent, after treatment, is being pumped to CHP reuse tank.

Effluents generated from the coal pile area due to dust suppression system is also being conveyed by the same garland drain and treated in the same settling pond.

There are two settling ponds, one in operation and the other in stand-by mode. One settling pond is being filled, while the other is being excavated. The excavated sludge (fine coal particles) is being sold out.

The inlet trench to the coal pile runoff settling pond has been designed in such a way that during such excessive rainfall the runoff after the initial minutes will get bye passed through a separate drain to a nearby stream allowing only designed flow of runoff to enter the settling pond i.e. the incoming trench to the settling pond has also a by-pass arrangement for diverting the coal pile area cut-off to rain water discharge channel for final disposal through storm water drainage system after initial minutes (10 minutes in this case) of heavy shower when the run-off has been only clear water and meet the permissible standard. The excess water by-pass system





is provided with overflow weir control. Properly designed overflow weir has been provided to ensure the heavy downpour by-pass. If necessary, motorized gate for the bypass channel may also be provided as an alternative.

With the above consideration, coal pile area run off is estimated as under:

Total coal stock area : 105741 m²

Rainfall intensity : 55 mm/hr

(design value Considered)

Total runoff : 2115 m³/hr

The above rainfall runoff is calculated considering the unpaved coal stockpile as unpaved area and surface runoff factor of 0.40.

The normal dust suppression effluent from this source is expected to be 30 m³/hr and maximum rainfall runoff contemplated to be allowed to enter the twin settling pond is estimated to be 350 m³/hr. Overflow of the twin settling pond is being collected in a Twin Settling Pond Overflow Sump (TSPOS), from where the clear water is being pumped out to the CHP reuse tank.

In case of necessity, both ponds can also be put into service. Considering the worst scenario of both pumps deployed at the coal settling pond overflow sump to pump out the treated effluent to the CHP reuse tank fails, an overflow trench/pipeline has also been provided from the coal settling pond overflow sump to divert the water to the nearby storm drain.

Following parameters has been considered while designing the settling pond:

The exit of runoff water from the coal settling pond (CSP) is such that the short circuiting of water is avoided. For this purpose, water is allowed to traverse under breast wall located about 5 metre ahead of outlet side of the pond.

- Suitable sized gates have been provided at the inlet and outlet of each chamber.
- Design settling velocity of the coal particles has been arrived after design calculations.
- An inlet distribution chamber for each CHP has been provided for proper mixing of effluents before wastewater entry to ponds.
- Overflow level of CHP is less than or equal to the invert level of inlet channel of CSP.





Boiler Area & ESP Area Drains (except oily drains)

Boiler & ESP area floor washing drain generally contains very high TSS. This effluent has led to a collection sump. From this collection sump this wastewater is being pumped to Ash slurry sump. The normal effluent from this source is approx. 15 m³/hr and maximum flow from this source is 100 m³/hr. This is based on the APH & ESP wash water. However, this APH & ESP area wash water is being generated during the operation and maintenance only.

The size of the collection sump has been designed on the basis of the flow 100 m³/hr. This sump has provision for agitation to prevent the settling of the suspended solids.

Fly Ash Silo Area Drain Wastewater

This effluent is generated due to dust suppression and floor cleaning in the fly ash silo area. This effluent is being managed by allowing it to a dedicated sump [Ash Silo Area Collection Pit (ASACP)] in the ash silo area. This pump has been provided with sump pump(s) to enable the ash-rich effluent to be sent to the ash slurry sump. Effective agitation system has been employed in this sump to prevent the ash laden particles to settle.

6.3 EFFLUENT TREATMENT PLANT

To treat the DM plant wastewater along with effluent generated from floor washing & cleaning is being treated through ETP have been installed. The detail of effluent treatment plant is as follows:

(a) Capacity of ETP: 2 x 25 m³/hr

(b) Name and Size of Unit:

SI. No.	ETP Unit (e.g. Collection tank, equalisation tank, aeration tank etc)	Size of ETP Unit Provided
1	Waste water collection pit-01	10 m³
		(2.7 mL x 2.7 mW x 1.5 mH + 0.5 m FB)
2	Waste water collection pit-02	10 m³
		(2.7 mL x 2.7 mW x 1.5 mH + 0.5 m FB)
3	Waste water collection pit-03	10 m ³
		(2.7 mL x 2.7 mW x 1.5 mH + 0.5 m FB)
4	Waste water collection pit-04	10 m ³
		(2.7 mL x 2.7 mW x 1.5 mH + 0.5 m FB)
5	Waste water collection pit-05	10 m ³
		(2.7 mL x 2.7 mW x 1.5 mH + 0.5 m FB)





SI. No.	ETP Unit (e.g. Collection tank, equalisation tank, aeration tank etc)	Size of ETP Unit Provided
6	ETP common collection sump	50 m³
		(5.2 mL x 5.2 mW x 2.0 mH + 0.5 m FB)
7	ETP sludge pit	5 m³
		(1.9 mL x 1.9 mW x 1.5 mH + 0.5 m FB)
8	Central monitoring basin	200 m³
		(10.3 mL x 10.3 mW x 2.0 mH + 0.5 m FB)
9	Dry oil collection drum	0.5 m³
		(1.0 m Dia x 0.8 m H. + 0.2 m FB)
10	Tilted plate interceptor	2 x 25 m³/hr
11	Tube settler	(4.5 mL x 2.8 mW x 3.5 mH + 0.5 m FB)
12	Acid dosing tank	1.0 m³
		2.0 (Ø1.2 m x 1.0 m H. + 0.3 m FB)
13	Alkali dosing tank	1.0 m³
		2.0 (Ø1.2 m x 1.0 m H. + 0.3 m FB)

The P&I diagram of Effluent Treatment Plant (ETP) at Tiroda TPP is presented in Figure 6.13.





FIGURE 6.13 (a): P&I DIAGRAM OF EFFLUENT TREATMENT PLANT AT TIRODA TPP

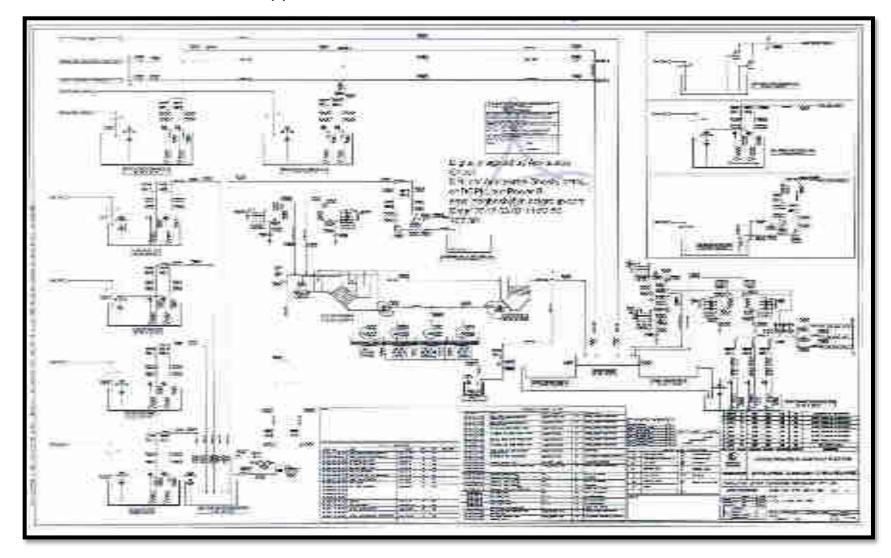
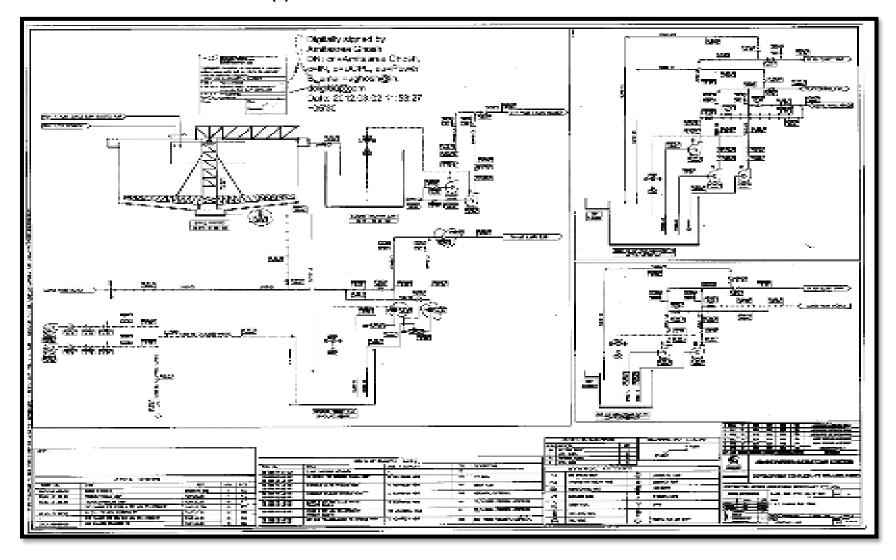






FIGURE 6.13 (b): P&I DIAGRAM OF EFFLUENT TREATMENT PLANT AT TIRODA TPP







The effluent is being led to an oily wastewater collection sump [Fuel Oil Area Oily Wastewater Sump (FOAOWS)] by gravity. From this sump, the oily wastewater is being pumped to Power-House Oily Wastewater Sump (PHOWS) for treatment in TPI type oil water separator. The maximum effluent from fuel oil area is 5 m³/hr. However, during heavy rainfall, the runoff effluent from this area may rise to 15 m³/hr.

There is provision of by-pass arrangement (similar to Coal pile area bypass arrangement, as mentioned earlier) for diverting the FO area run-off to rainwater discharge channel for final disposal through storm water drainage system after initial minutes of heavy shower when the run-off has been only clear water and meet the permissible standard w.r.t. oil & grease content.

The sump inside the FO Pump House collects leakage oil and cleaning water. The sump is provided with necessary pump to evacuate the sump. The discharge of this sump is being pumped out to the inlet of the fuel oil area oily wastewater sump.

Central Monitoring Basin

Central monitoring basin is acting as an equalization basin for the selected effluent stream as mentioned in earlier section.

The maximum wastewater quantity entering the Central monitoring basin is about 270 m³/hr. The detail of various wastewater stream being discharged in CMB is presented in Table 6.14.

S. No. **Wastewater Stream** Flow (m³/hr) **Nature of Flow Auxiliary Service Waste-Water** 150 Continuous 2 30 DM plant neutralizing pit Continuous **TPI Overflow sump** 90 Intermittent 3 **Total** 270

TABLE 6.14: DETAIL OF VARIOUS WASTEWATER STREAM DISCHARGE AT CMB

The central monitoring basin has two compartments. The maximum wastewater quantity (except rainfall runoff) entering the central monitoring basin from various sources is 270 m³/hr. This flow has been estimated considering continuous and intermittent effluent. The total detention time of two compartments have been provided 1000 m³ as per CEA's publication titled 'Standard Design Criteria/Guidelines for Balance of Plant for Thermal Power Project 2 x 500 MW or above) Section-5 (Water Treatment Plant).

The discharge header of Central monitoring basin disposal pumps has been installed with pH/turbidity & flow monitoring instruments.





6.4 SEWAGE TREATMENT PLANT

For the treatment of domestic wastewater of plant as well as the township, conventional and modular sewage treatment plants has been installed to decentralize the sewage treatment system for optimizing the installation and operation cost.

Two conventional STP of 120 KLD of each has been installed within the plant. STP-I is primarily for unit 1, 2 & 3 and STP-II for units 4 & 5. Both the STP has been operationalized for treating the domestic as well as other service wastewater being generated within the plant area.

In addition to this, a modular STP of total capacity 240 KLD has been installed and operationalized in township for treating the domestic wastewater of various sections of township.

Detail of Sewage Treatment Plant

APML has installed 2 x 120 M^3 /day capacity MBBR technology based Sewage Treatment Plant for treatment of domestic waste.

Basis of Design:

Item	Particulars
Capacity	2 x 120 m³/day
Technology	MBBR
Make	Wipro Water

The sewage is being generated mainly from DM Plant Building, Control Room Building, O&M Office building & Canteen area. For designing the STP following parameters were considered:

Raw Sewage Characteristics:

S. No.	Details	Units	Value
1	Flow	m³/day	120
2	BOD	ppm	300
3	COD	ppm	600
4	TSS	ppm	400
5	Oil & Grease	ppm	~ 60





Outlet characteristics:

S. No.	Details	Value	Units
1	рН	7-8.5	-
2	BOD	<30	ppm
3	COD	<50	ppm
4	TSS	<5	ppm
5	Oil & grease	Less than 1	ppm

Treatment Scheme:

The process flow diagram of STP is presented in Figure 6.14.

<u>Primary Treatment:</u> Raw sewage generated is passed through screen chamber. Bar screens has been provided for removing any type of floatable matter in the raw sewage which is being scrapped out and collected in drums. Clear sewage is being collected in equalization/collection tank for equalizing the sewage. Aeration grids has been provided for mixing purpose. Equalized sewage is being pumped to MBBR tank for further treatment.

Secondary Treatment: The Moving Bed Bio-film Reactor (MBBR) had been filled with specified quantity of bio media made of light weight plastic material to enhance the surface area for biogrowth. Oxygen required for the bacterial growth is being supplied through Fine Bubble Diffuser Systems. The system envisages better oxygen transfer because of fine bubbles and increased contact with the sewage. The overflow from MBBR tank is gravitating to Secondary Tube Settler for solid – liquid separation. The tube settler has been provided to increase surface area. This unit has been provided to arrest the sludge from leaving the system. The arrested sludge is being pumped backed to the MBBR tank to maintain the growth of biomass in system and excess sludge is being taken to the Sludge Holding tank. Collected sludge is being pumped to the sludge drying bed. Filtrate from drying bed is being taken to the equalization cum collection tank. Clear overflow from tube settler is gravitated to further tertiary treatment. Dried sludge is being used as manure.





Sewage **DM Plant Building Screen Chamber O&M Office** Fire & Safety Office **Grit Chamber Filtrate** Equalization **Sludge Drying** Tank **Bed** Control **MBBR Tank** Valve 02No. Sludge **Sludge Recycling Holding Tank** Secondary **Tube settler** Hypo chlorite Hypochlorite **Contact Tank** Dosing **Dual Media Filter Activated Carbon Filter** Gardening, Ash slurry pump **Final Treated** house, water sprinkling water Tank

FIGURE 6.14: PROCESS FLOW DIAGRAM FOR STP



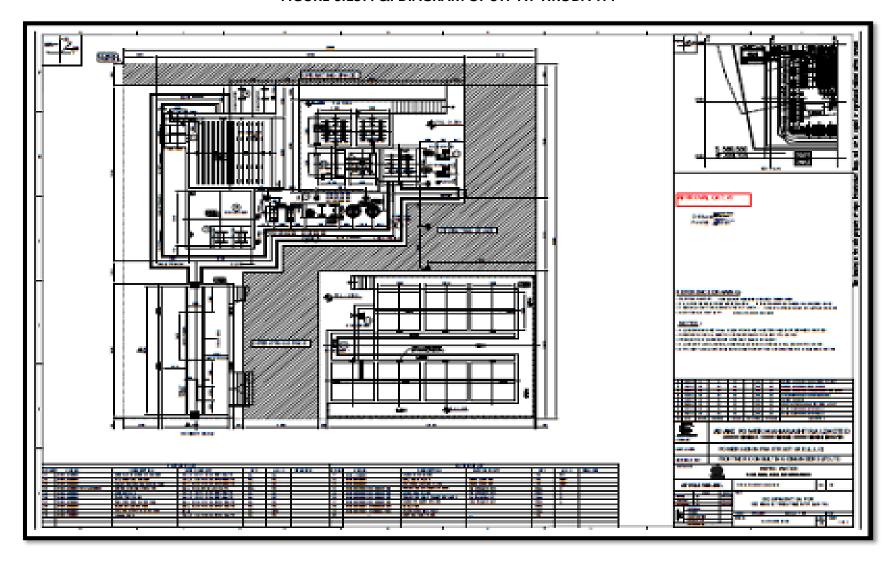


<u>Tertiary Treatment:</u> Over flow from the tube settler is being gravitated to **chlorine contact tank** where provision has been made for hypochlorite dosing as required for disinfection. Dosing is being done by pumping. Treated sewage is being pumped to dual media filter and then to **pressure sand filter** followed by **activated carbon filter**. Treated sewage from carbon filter is being fed to final treated tank and then this treated water is being used for gardening and flushing. The P&I diagram of STP is presented in Figure 6.15.





FIGURE 6.15: P&I DIAGRAM OF STP AT TIRODA TPP







6.5 CHARACTERISTICS OF TREATED WASTEWATER

Sample is being taken manually at the outlet and tested in the Environmental Laboratory for parameters viz., pH, suspended solids, oil & grease content, BOD, COD, etc. as per requirement of MPCB. Necessary sampling ports with bib-cock have been provided at both discharge headers of the central monitoring basin outlet pumps. At the inlet of Central monitoring basin provision has been made for acid and alkali dosing for pH correction. The characteristic of treated effluent is presented in Table 6.15 & 6.16.

TABLE 6.15: WASTEWATER CHARACTERISTICS OF TTPP

- TREATED EFFLUENT WATER (OUTLET)

SI.	Davassatava	I India	MADCD Limit	Month of Sampling			
No.	Parameters	Unit	MPCB Limit	Mar	Jun	Sep	
1	pH value at 25°C	-	5.5-9.0	7.85	7.80	7.55	
2	TSS	mg/l	100	20	22	18	
3	TDS	mg/l	2100	654	320	130	
4	COD	mg/l	250	124.5	118.3	52.5	
5	BOD at 27°C for 3 days	mg/l	100	17.4	16.5	9.4	
6	Oil & Grease	mg/l	10	<4	<4	<4	
7	Copper (as Cu)	mg/l	-	-	0.012	<0.010	
8	Iron (as Fe)	mg/l	-	-	0.27	0.20	
9	Manganese (as Mn)	mg/l	-	-	0.12	0.05	
10	Mercury (as Hg)	mg/l	-	-	<0.001	<0.001	
11	Cadmium (as Cd)	mg/l	-	-	<0.001	<0.001	
12	Selenium (as Se)	mg/l	-	-	0.011	0.010	
13	Arsenic (as As)	mg/l	-	-	<0.01	<0.01	
14	Cyanide (as CN)	mg/l	-	-	<0.005	<0.005	
15	Lead (as Pb)	mg/l	-	-	<0.001	<0.001	
16	Zine (as Zn)	mg/l	-	-	3.2	2.3	
17	Total Chromium (as Cr)	mg/l	-	-	0.014	0.011	

^{*} Sampling Period: 2016-17





TABLE 6.16: CHARACTERISTICS OF TREATED WATER - STILLING CHAMBER (OUTLET)

SI.	Parameters	Unit	МРСВ	Month of Sampling			
No.	rai ailletei 3	Offic	Limit	Mar	Jun	Sep	
1	pH value at 25°C	-	5.5-9.0	6.85	6.9	6.8	
2	TSS	mg/l	100	34	40	36	
3	TDS	mg/l	2100	682	640	622	
7	Copper (as Cu)	mg/l	3	0.054	0.038	0.032	
8	Iron (as Fe)	mg/l	3	0.41	0.35	0.30	
9	Manganese (as Mn)	mg/l	2	0.011	0.18	0.15	
10	Mercury (as Hg)	mg/l	0.05	<0.001	<0.001	<0.001	
11	Cadmium (as Cd)	mg/l	2	0.011	0.010	0.010	
12	Selenium (as Se)	mg/l	0.05	0.018	0.015	0.012	
13	Arsenic (as As)	mg/l	0.2	0.043	0.036	0.027	
14	Cyanide (as CN)	mg/l	0.2	<0.005	<0.005	<0.005	
15	Lead (as Pb)	mg/l	0.1	0.012	0.010	0.010	
16	Zine (as Zn)	mg/l	5	5.1	4.8	3.7	
17	Total Chromium (as Cr)	mg/l	2	0.046	0.037	0.026	

^{*} Sampling Period: 2016-17

The treated effluent quality at CMB is being also monitored through on-line continuous quality monitoring system (CEQMS). The monthly variation in treated effluent quality of ETP is presented in Table 6.17.

TABLE 6.17: MONTHLY VARIATION OF CHARACTERISTICS OF TREATED EFFLUENT (ETP OUTLET)

Month of Compline		Parar	neters		
Month of Sampling	рН	BOD (3 days at 27 ∘c)	COD	Oil & Grease	TSS
Permissible Limits	(5.5-9.0)	30 mg/l	250 mg/l	10 mg/l	100mg/l
Jan	8.1	8	56	<3	60
Feb	8.1	8	56	<2	70
Mar	7.9	16	72	< 4	70
Apr	7.8	20	60	<4	60
May	8.6	8	20	<4	90
Jun	7.9	12	64	<4	30
July	7.9	12	56	<4	40
Aug	8.4	18	88	<3	28
Sep	8.1	10	78	4.5	50
Oct	7.3	17	80	4.1	70
Nov	8.3	10	60	4.2	30

^{*} Sampling Period: 2016-17





The treated wastewater is being reused for CHP dust Suppression System and balance effluent, if any, is being disposed to ash slurry sump and zero discharge condition is being maintained.

The characteristics of treated wastewater and the extent of deviation from the waste water discharge standards prescribed by MPCB are presented in Table 6.18. The analysis reveals that the pollutant load in treated wastewater is well within the prescribed limits.

TABLE 6.18: ASSESSMENT OF COMPLIANCE OF WASTEWATER DISCHARGE STANDARD

SI.	Parameters	Permissible		Pollutant Co	oncentrat	ion at Ou	tlet of E1	ГР
No.	Parameters	Limit	I	%D	II	%D	III	%D
1	pН	5.5-9.0	7.85	*	7.8	*	7.55	*
2	BOD 3 days 27°C: mg/l	30	17.4	*	16.5	*	9.4	*
3	COD, mg/l	250	124.5	*	118.3	*	52.5	*
4	TSS, mg/l	100	20	*	22	*	18	*
5	TDS, mg/l	2100	654		320	*	130	*
6	Oil and Grease, mg/l	10	<4	*	<4	*	<4	*

Period of Sampling: I – Mar, 2016, II – June, 2016; III – Sep, 2016

Separate energy meter have been provided to track the energy consumption of ETP. Status of monthly electricity consumption of ETP is presented in Table 6.19.

TABLE 6.19: STATUS OF ELECTRICITY CONSUMPTION OF ETP

Months	Electricity Consumption (kWh)
January	111.8
February	104.0
March	134.2
April	153.6
May	91.9
June	91.2
July	88.1
August	94.5
September	98.2
October	82
November	166.2
December	-
Total	1215.7

^{*} Sampling Period: 2016-17





^{*} indicates that the concentration is within maximum permissible limit; %D: Percentage deviation with respect to maximum permissible limit

Characteristics of Treated Sewage is presented in Table 6.20-6.21.

TABLE 6.20: CHARACTERISTICS OF TREATED SEWAGE AT STP-I

SI.	Parameters	Unit	MPCB Limit	M	onth of Sampli	ing
No.	raidilleters	Offic	IVIPCD LIIIII	Mar	Jun	Sep
1	pH value at 25°C	-	-	7.35	7.30	7.25
2	TSS	mg/l	500	22	18	22
3	TDS	mg/l	2100	204	180	294
4	Dissolved Oxygen		> 4.0	5.7	5.6	5.2
5	COD	mg/l	100	53.5	48.8	68.6
6	BOD at 27°C for 3 days	mg/l	30	11.8	10.2	16.3
7	Oil & Grease	mg/l	10	<4	<4	<4

^{*} Sampling Period: 2016-17

TABLE 6.21: CHARACTERISTICS OF TREATED SEWAGE AT STP-II

SI.	Parameters	Unit	MPCB Limit	M	onth of Sampli	ng
No.	raiailleteis	Offic	IVIPCD LIIIIL	Mar	Jun	Sep
1	pH value at 25°C	-	-	7.55	7.40	7.10
2	TSS	mg/l	500	20	16	10
3	TDS	mg/l	2100	374	260	358
4	Dissolved Oxygen		> 4.0	5.5	5.6	5.7
5	COD	mg/l	100	56.8	51.4	27.5
6	BOD at 27°C for 3 days	mg/l	30	12.4	11.7	6.4
7	Oil & Grease	mg/l	10	<4	<4	<4

^{*} Sampling Period: 2016-17

The monthly variations of characteristics of treated domestic wastewater at main plant STP-I and II are presented in Table 6.22-6.23. The analysis reveals that the treated effluent quality of domestic wastewater is well within the prescribed limits of MPCB.





TABLE 6.22: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP-I

Sampling Pariod		Parameters	
Sampling Period	BOD (3 days at 27 °c)	COD	TSS
Permissible Limits	30 mg/l	250 mg/l	500mg/l
Jan	12	28	20
Feb	8	20	20
Mar	24	32	10
Apr	8	12	20
May	12	20	10
Jun	12	32	20
July	16	66	20
Aug	8	42	20
Sep	10	39	35
Oct	18	65	30
Nov	16	34	27

TABLE 6.23: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP-II

Compling Doried	Pa	arameters	
Sampling Period	BOD (3 days at 27 °c)	COD	TSS
Permissible Limits	30 mg/l	250 mg/l	500 mg/l
Jan	8	20	40
Feb	10	40	10
Mar	8	40	10
Apr	24	80	30
May	8	20	20
Jun	16	24	30
July	10	72	22
Aug	4	40	22
Sep	8	59	20
Oct	14	68	20
Nov	14	42	35

^{*} Sampling Period: 2016-17

The long term trend of monthly variations of characteristics of treated domestic wastewater at main plant STP-I and II are presented in Table 6.24-6.29. The analysis reveals that the treated effluent quality of domestic wastewater is well within the prescribed limits of MPCB (Figure 6.16-6.25).





TABLE 6.24: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP -1

Parameter	Unit	MPCB Standards	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
pH Value	1	5.5-9.0	7.7	7.7	8	7.33	7.4	7.5	7.7	7.6	7.4	7.3	7.1	7.1
TSS	mg/I	500	24	38	38	24	34	36	44	68	20	56	52	64
TDS	mg/I	2100	278	354	308	232	222	320	316	176	160	220	266	275
COD	mg/I	100	29.4	50	39.5	50	60	68.6	40	50	40	50	60	40
BOD at 27°C for 3 days	mg/I	30	10	11	8	15	12	12	10	14	15	11	11	10

TABLE 6.25: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP -2

Parameter	Unit	MPCB Standards	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
pH Value		5.5-9.0	7.8	7.5	7.5	7.5	7.5	7.3	7.5	7.3	7.5	7.2	7.6	7.6
TSS	mg/I	500	32	44	34	36	42	42	46	52	40	54	36	36
TDS	mg/I	2100	254	422	318	344	368	292	332	288	268	174	292	312
COD	mg/I	100	39.2	60	30	40	70	88	80	40	30	20	70	20
BOD at 27°C for 3 days	mg/I	30	11	10	11	17	13	14	11	12	19	14	12	7





TABLE 6.26: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP -1

Parameter	Unit	MPCB Standards	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
pH Value		5.5-9.0	7.6	7.3	7.2	7.4	7.4	7.8	7.1	7.2	7.5	7.1	7.5	7.4
TSS	mg / 1	50	56	72	48	36	28	34	52	32	34	23	39	27
TDS	mg / 1	2100	312	376	396	388	256	220	266	342	431	186	310	299
COD	mg / 1	100	40	58	46	42	32	42	60	50	60	32	58	59
BOD at 27°C for 3 days	mg / 1	30	12	13	12.5	14	10	12	11	14	15	16	17	10

TABLE 6.27: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP-02

Parameter	Unit	MPCB Standards	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
pH Value		5.5-9.0	7.8	7.7	7.3	7.7	7.2	7.4	7.6	7.3	7.1	7.3	7.3	7
TSS	mg / 1	50	32	44	36	32	37	46	36	34	24	41	26	40
TDS	mg / 1	2100	568	280	272	420	292	248	292	373	178	233	355	233
COD	mg / 1	100	50	29	58	56	41	54	70	40	30	54	38	68
BOD at 27°C for 3 days	mg / 1	30	11	10	14	19	11	14	12	11	16	12	20	12





TABLE 6.28: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP -1

Parameter	Unit	MPCB Standards	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
pH Value		5.5-9.0	7.4	7.6	7.3	7.6	7.5	7.2	7.8	7.5			
TSS	mg / 1	500	27	19	20	25	19	38	11	26	25	16	17
TDS	mg / 1	2100	303	260	249	301	294	358	350	207			
COD	mg / 1	100	48	40	50	55	50	40	58	50	40	30	28
BOD at 27°C for 3 days	mg / 1	30	17	14	19	24	18	17	20	22	14	18	12

TABLE 6.29: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP-02

Parameter	Unit	MPCB Standards	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20
pH Value		5.5-9.0	7.5	7.4	7.4	7.5	7.7	7.3	7.7	7.4			
TSS	mg / 1	500	39	15	34	68	36	33	41	18	16	21	31
TDS	mg / 1	2100	224	319	306	244	271	215	282	197			
COD	mg / 1	100	65	30	40	78	40	48	50	60	20	50	48
BOD at 27°C for 3 days	mg / 1	30	15	11	16	13	15	14	10	24	11	16	19





FIGURE 6.16: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 1 - pH

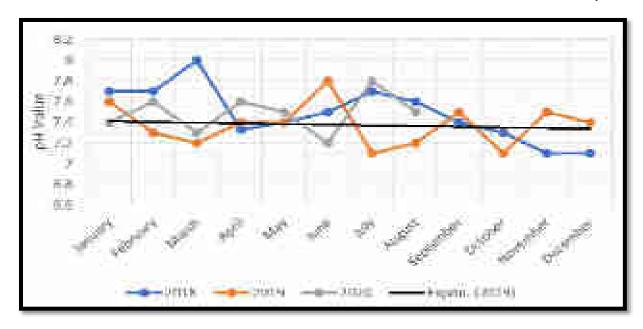


FIGURE 6.17: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 2 - pH

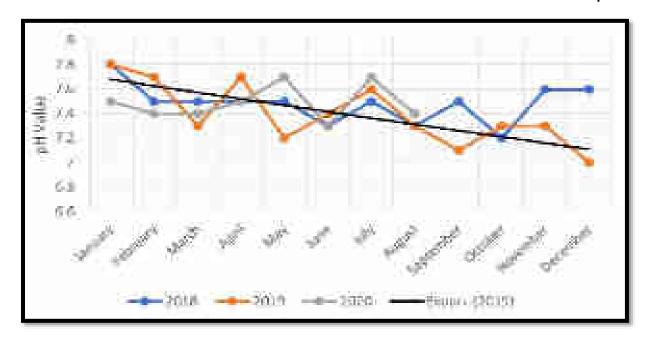






FIGURE 6.18: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 1 - TSS (mg/l)

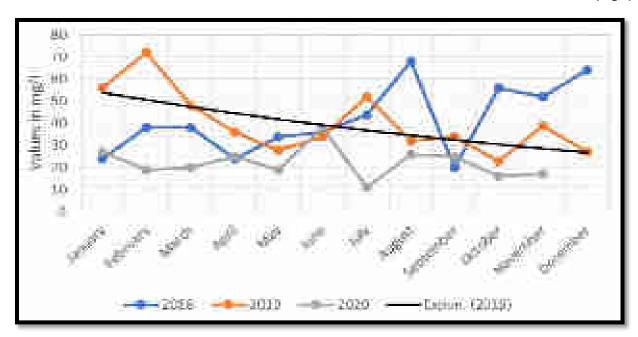


FIGURE 6.19: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 2 - TSS (mg/l)

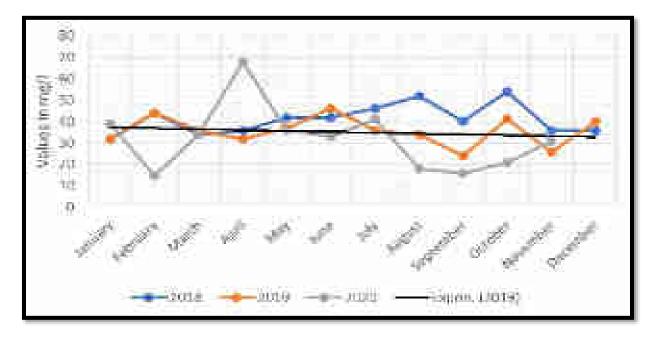






FIGURE 6.20: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 1 - TDS (mg/l)

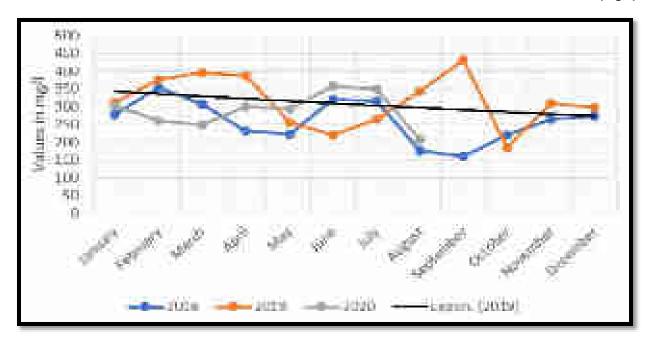


FIGURE 6.21: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 2 – TDS (mg/l)

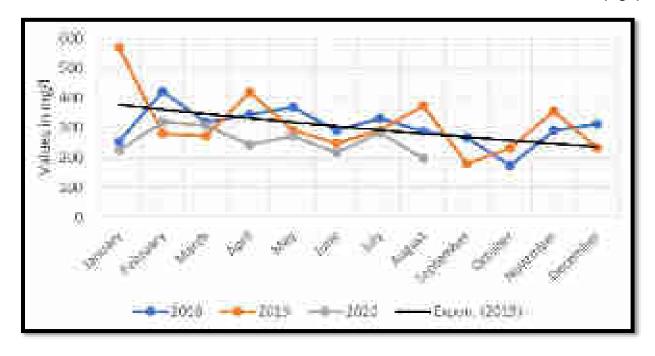






FIGURE 6.22: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 1 - COD(mg/l)

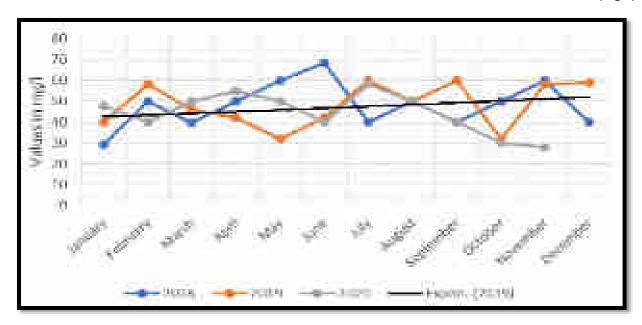


FIGURE 6.23: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 2 - COD(mg/l)

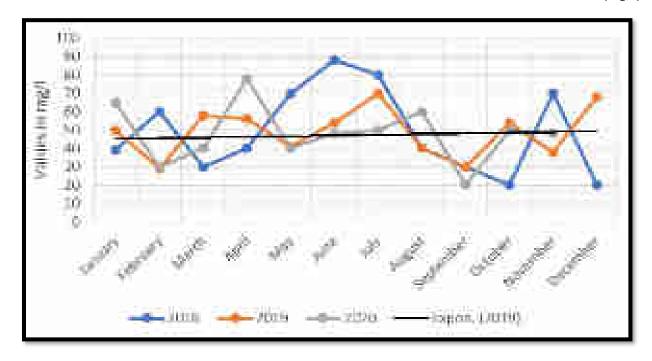






FIGURE 6.24: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 1 - BOD(mg/l)

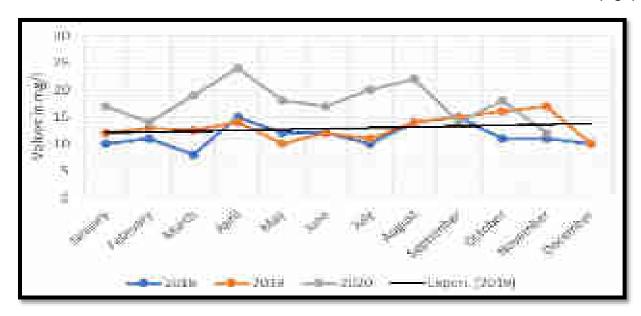
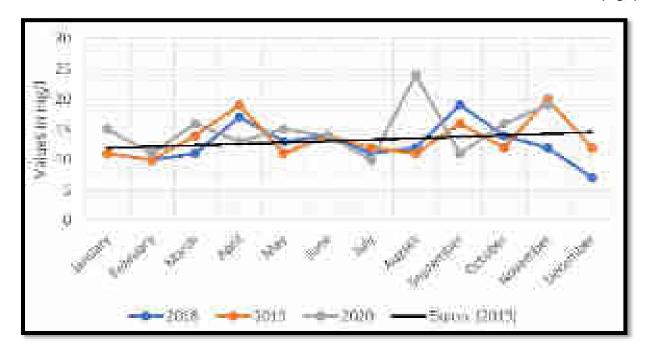


FIGURE 6.25: MONTHLY VARIATIONS IN CHARACTERISTICS OF TREATED SEWAGE AT STP 2 - BOD(mg/l)







Separate energy meters have been provided to track the energy consumption of both the STPs. Status of electricity consumption of STPs is presented in Table 6.30.

TABLE 6.30: STATUS OF ELECTRICITY CONSUMPTION OF STP

	Electricity Consumption (in kWh)				
Months	STP1 STP2 (I/C1) (I/C2)		Total		
January	210.2		210.2		
February	297.7		297.7		
March	184	-	184		
April	0.086	179.2	179.3		
May	2.28	213.4	215.7		
June	0.853	216	216.9		
July	-	206	206.0		
August	-	215	215.0		
September	-	199	199.0		
October	0.496	207	207.5		
November	-	227	227.0		
	2357.8				

^{*}STP Energy Meter Installed since April2016; * Sampling Period: 2016-17

Recommendations to improve water/wastewater management at TTPP include: water flow measurement/ quantification at strategic locations such as inlet, outlet and recirculation lines. STP within the plant being utilize for treating the domestic waste being generated from canteen, administrative building and other service area of the plant. Maintenance of recovery of ash water and reuse in ash handling/ other uses should be prioritized.





7.0 RECYCLING & REUSE OF WASTEWATER

Tiroda TPP have adopted various measures for recycling and reuse of wastewater for enhancing the efficiency of water use as well as minimization of freshwater consumption besides maintaining the zero liquid discharge (ZLD). The prime measures which have been adopted for the purpose are discussed in subsequent sections.

7.1 WATER CONSERVATION MEASURES

The use of high volumes of water in the thermal power plants necessitates undertaking water conservation measures. A precursor to undertaking these is a systematic water audit and quantifying water flows at each pumping station and drawing up a water balance. Water audits facilitate in quantifying the inflows and outflows, the losses or wastage which can be optimised by taking appropriate water conservation measures. The following measures have been undertaken for conserving water in Tiroda TPP:

- a. Increasing Cycles of Concentration (COC): Maximum water loss in the thermal power plants occurs in the cooling towers, in the form of evaporation. Make up water is provided to compensate for this evaporation loss, the blow down losses and drift losses. There is a requirement of 135 m³/hr cooling water flow to the condenser to generate 1 MW. The expected evaporation ratio for every 1 MW of power generation is 2.0 m³/hr. Since the water is circulated many times in the closed loop, the concentration of dissolved solids increases over a period of time. The cycles of concentration (COC) is the ratio of dissolved solids in the circulating water to the make-up water. Cooling towers of Tiroda TPP are designed for a COC of around 5.5. By increasing COC, the blow down quantity can be reduced by external water treatment and adding water treatment chemicals, COC of 6 and even more can be reached Increasing COC results in significant saving of water in TPPs.
- b. **Optimising ash-water ratio**: Around 45-50 per cent of the total water use is consumed in ash handling. Using the condenser outlet water instead of freshwater reduces the intake of freshwater. Bottom ash and fly ash is flushed by high pressure water while low pressure water is used for ash hopper filling. Bottom ash and fly ash can be handled separately or together by mixing in a common pit. The ash slurry is then evacuated by a series of ash slurry disposal pumps to an ash dyke. Typical design ash water ratios are around 1:5 for fly ash and 1:8 for bottom ash. However, in the Tiroda TPP the actual ash water ratio of 1:5 is being maintained for bottom ash disposal and high concentration disposal system (HCDS) for fly ash to reduce the dilution of ash slurry resulting in energy conservation as well as water conservation. For every percent reduction of ash water ratio, there is a saving potential of 180 to 200 m3/hr of water required for ash disposal in Tiroda TPP.





- c. **Recycling ash water from the ash dyke:** Once the ash gets settled in the dykes, the decanted water can be recycled and re-used for ash handling purpose after minor treatment. Accordingly, ash water recovery system has been installed and operational. Presently AWRS is operational with 60% ash water recovery efficiency which can be enhanced upto 70% recovery efficiency by effective maintenance of collection and treatment system along with minimization of leakages and other losses during collection and transportation of the same.
- d. **Using air cooled condensers:** in water scarce areas. A typical 660 MW unit requires approx. 18 MCM of water per year with water cooled condenser. This requirement can be brought down to only 3 MCM with air cooled condenser. However, there is a corresponding 12 per cent increase in capital costs in using air cooled condenser. There are two types of air cooled condenser are available based on means of draft creation mechanical and natural draft air cooled condenser. Accordingly, the possibility of using air cooled condensers in Tiroda TPP may also be explored.
- e. **Reducing leaks and over-flows:** Leakages from valves, taps, fire fighting hoses, underground fire fighting lines, cooling tower basin, gardening hoses area also a source of water loss. Overflows from cooling towers of AC plants, and overhead tanks due to non-functioning of float systems are also a common feature in thermal power plants. There lies a possibility of reducing the water consumption by plugging the leakages.
- f. **Wastewater recycling:** Studies across various power plants have indicated a high per capita availability of water. A 25 per cent reduction in the running hours for the water pumps may reduce the overuse of water. The pumps also operate at lower efficiencies as compared to their design values. The corresponding problem with overuse of water lies in the high amount of wastewater generated.

The installation and efficient operation of wastewater treatment plants at Tiroda TPP enable recycling 100 per cent of the wastewater generated which are being used for purposes like gardening, green belt development, dust suppression and fire fighting, etc.

7.2 RECYCLING/REUSE OF WASTEWATER

Water is one of the key input requirements for thermal power generation. Water security for thermal power plants due to depleting freshwater resources are one of the prime concerns for sustainable power generation and conservation of natural resources. This problem is expected to be aggravated more in future. Thus, there is an urgent need to minimise consumptive water requirement for thermal power plants.





Accordingly various measures have been adopted in Tiroda TPP for recycling/reuse of wastewater for reducing the consumptive use of water as well as to achieve zero liquid discharge. The prime measures being adopted for the purpose in Tiroda TPP are presented in Table 7.1.

TAB	TABLE 7.1: WATER CONSERVATION AND RECYCLING/REUSE PRACTICES ADOPTED AT TTPP			
Sr. No.	Department	Water Recycling Practices		
1		Wastewater from coal settling pit of stacker - I reused in Sprinkling		
2	СНР	DH-1 settling pit for sprinkling		
3		Wagon Tippler & Track Hopper wastewater reused in Stack Reclaimer - II settling pit for sprinkling		
4	Operation	Change of source of water for Mill Reject System from service water to fore bay water		
5	Environment	Treated water from STPs reused in green belt maintenance (monthly value take from flow meter).		
6		Excess water from CTBD reused in water sprinkling on road and civil activities.		
7	АНР	Wastewater from ESP vacuum pump reused in AHP at Unit # 4 &5.		
8		Ro reject is completely reused in CHP for dust suppression.		
9	Chamistry	Wastewater from sludge pit of unit 4 & 5 transfer to PTP for reuses.		
10	Chemistry	Wastewater from DM plant N - pit reused in AHP		
11		Wastewater (Unit 1, 2 & 3) PTP being recycled		
12	АНР	Seepage water diverted to Stilling chamber		
12		Ash Dyke Seepage Water Recycled through AWRS system		
13	Horticulture	Reuses of CTBD for green belt development		

7.3 ASH WATER RE-CIRCULATION SYSTEM

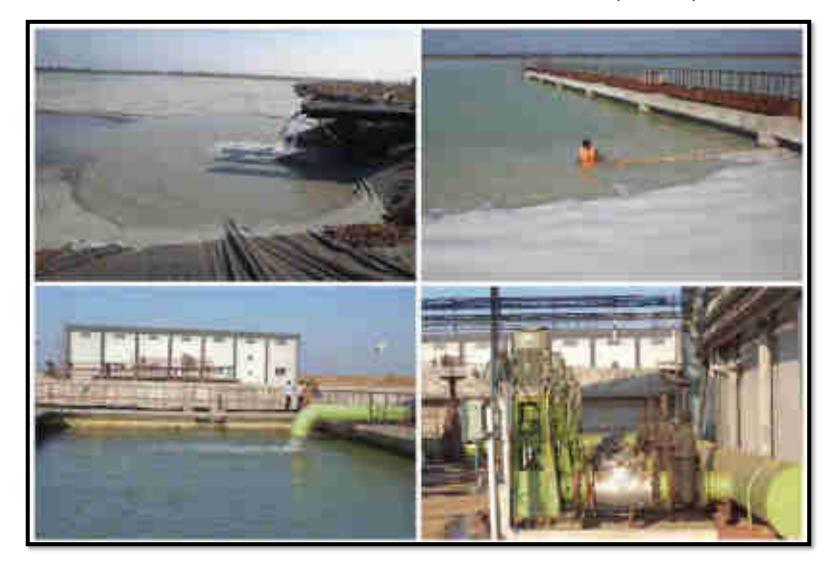
Ash Water Recovery System (AWRS) is established to reduce the quantity of intake raw water. The P&I Diagram of AWRS is presented in Annexure V. Decanted ash water from ash pond is recirculated to the plant area by using 3x100% capacity pumps through carbon steel pipes from ash dyke to plant area (Figure 7.1).

This water is used in the ash handling system of capacity 1200m³/hr. The cycle of concentration is maintained through continuous blow down of ash water from the system. Normal make up to the ash water system is from CW blow down water and CMB discharge water. During ash water recovery the extra water from CT blow down is led to PT clarifier to reduce the quantity of intake raw water.





FIGURE 7.1: VIEW OF ASH WATER RECOVERY SYSTEM AT TIRODA TPP (5x660 MW)







7.4 RAINWATER HARVESTING SYSTEM

Rainwater Harvesting System (RWHS) have been developed at Tiroda TPP. The detail of developed RWHS is presented in Table 7.2. Rainwater Harvesting Structure of Tanks near Shantiniketan Gate, Cooling Tower 3 and Gate No. 2 have the potential of 439.54 m³ ground water recharge. The Rainwater Harvesting trend through Admin Building Pond & Rainwater Structures at Tiroda TPP for 2018-19 to 2020-21 is presented in Figure 7.2. The Rainwater harvesting potential of APML township have been assessed which work out to be 29167 m³ (Table 7.3).

1408 1600 1400 1200 1000 800 514 467 471 600 400 200 FY 2018 - 19 FY 2019 - 20 FY 2020 - 21 ■ Rainfall (mm) ■ Rainwater Harvesting (m3)

FIGURE 7.2: RAINWATER HARVESTING THROUGH ADMIN BUIDLING POND & RAINWATER STRUCTURE AT PLANT





TABLE 7.2: GROUNDWATER RECHARGE THROUGH RAINWATER HARVESTING AT TIRODA TPP

Sr. No.	Month	Monthly Rainfall (mm)	Area of Rainwater Harvesting Structure (03 x 9m2) in m2	Area of Rainwater Harvesting Structure near admin building in m2	Run off Coefficient for commercial & industrial areas as per CGWB Manual	Rainwater Harvesting Potential for Rainwater Harvesting Structure of Tanks near Shantiniketan Gate, Cooling Tower 3 and Gate No. 2 (Litre) RWH (Lits.) = Area x Rainfall x Run off Coefficient	Rainwater Harvesting Potential for Rainwater Harvesting Structure of Tanks near Shantiniketan Gate, Cooling Tower 3 and Gate No. 2 (Litre) RWH (Lits.) = Area x Rainfall x Run off Coefficient	Rainwater Harvesting (Lit.)
1	Apr-20	12.6	12	394	0.9	136.08	4467.96	4604.04
2	May-20	11.2	12	394	0.9	120.96	3971.52	4092.48
3	Jun-20	233.6	12	394	0.9	2522.88	82834.56	85357.44
4	Jul-20	236.7	12	394	0.9	2556.36	83933.82	86490.18
5	Aug-20	557.7	12	394	0.9	6023.16	197760.42	203783.58
6	Sep-20	46.9	12	394	0.9	506.52	16630.74	17137.26
7	Oct-20	34.6	12	394	0.9	373.68	12269.16	12642.84
8	Nov-20	12.8	12	394	0.9	138.24	4538.88	4677.12
9	Dec-20	0	12	394	0.9	0	0	0
10	Jan-20	20.2	12	394	0.9	218.16	7162.92	7381.08
11	Feb-20	9.4	12	394	0.9	101.52	3333.24	3434.76
12	Mar-21	27.2	12	394	0.9	293.76	9645.12	9938.88
Total (Litres)						439539.66		
Total (KL)						439.54		





TABLE 7.3: RAINWATER HARVESTING POTENTIAL AT APML TOWNSHIP

SI. No.	Name of Building	No. of Building	Area of Rainwater Harvesting Structure (ft2)	Average Rainfall (mm)	Run off Coefficient for commercial & industrial areas as per CGWB Manual	Rainwater Harvesting Potential (Litre)
1	II BHK	18	465	1300	0.9	9786245
2	III BHK	6	576	1300	0.9	4044981
3	Club House Building	1	4470	1300	0.9	5230204
4	AVT School	1	1004	1300	0.9	1174349
5	Bachelor Hostel	1	5459	1300	0.9	6387156
6	Shopping Centre	1	502	1300	0.9	587175
7	VILLA - 1	1	836	1300	0.9	978625
8	VILLA - 2	1	836	1300	0.9	978625
	Total (Litre)					
Total (m³)						29167





8.0 ACTION PLAN FOR WATER MANAGEMENT

The Government of India, in its National Water Mission (NWM) under the National Action Plan on Climate Change (NAPCC), has emphasized the need to develop a framework for optimizing water use efficiency by 20 per cent, through regulatory mechanisms with differential entitlements and pricing. It further emphasizes the need to focus on integrated water resource management through water conservation, wastewater minimization, etc. This require power sector especially coal based thermal power plant being one of the major water intensive industrial sector to optimize their water use efficiency and enhance water conservation, recycling, and reuse measures. Accordingly, to enhance the water use efficiency and conservation measures in Tiroda TPP the cost effective action plan has been formulated and discussed in subsequent sections.

8.1 POTENTIAL AREAS FOR ENHANCING WATER USE EFFICIENCY

On the basis of present water budgeting study for Tiroda TPP following potential area have been identified for enhancing water use efficiency and conservation measures:

- Enhancing the water use efficiency of cooling towers by enhancing the CoC initially to around 6, and later to maybe even more by various interventions, including the use of stabilizing chemicals and disinfectants, thus saving a large quantity of fresh water needed as make-up.
- Improving the recycling/reuse potential of Cooling Tower Blow Down (CTBD) water besides being used for ash handling by effective treatment to reduce fresh water needed as make-up.
- Enhancing the recovery of ash water from 60% to 70% by checking the leakages and effective maintenance of AWRS including chemical dosing etc. Efficient recapturing and recycling ash water has a significant potential for water savings.
- Minimization of leakages and losses of water in systems would lead to help in enhancing the water use efficiency and reduce fresh water consumption.
- Potential utilization of guard pond water after appropriate treatment.





8.2 ACTION PLAN FOR POTENTIAL REUSE OF CTBD

As discussed in earlier chapters, the major quantity of water utilized in Tiroda TPP is for CT makeup. The other water consuming area covers boiler feed water, service water and domestic water.

Out of two reservoir 1st one process water @ 4551m³/hr from which CT makeup water consumption accounts 3667 m³/hr (about 80%) for Unit no 1,2 and 3.

2nd one Process @2857 m³/hr water from which CT makeup consumption only 2667 m³/hr (about 93%) for unit no 4 and 5.

Based on the detail assessment of water quality and consumption pattern of Tiroda TPP the following points found to be quite significant with respect to potential water recycling, water footprint reduction and at the same time reducing freshwater consumption on long term sustainable basis with an overall objective of meeting zero liquid discharge facility:

- 1. 1st Stage CW consumption 80. 5 % of total water Treated from Reservoir 1 is used for CW makeup.
- 2. 2nd stage CW consumption 93.3% of Total water process from Reservoir 2
- 3. The total CW Blowdown as per estimated water balance diagram has been found to be around 1205 m³/hr. On the basis of discussions held with concerned officials of APML as well as exploration made from present water budgeting study it has been observed that this CTBD water is an enormous opportunity for recycling and ruse purpose and can give rise to meet the objective of the proposed water Budgeting study.
- 4. Initially it was considered that entire CTBD water may be recycled with 85% recovery and rest will be utilized in ash handling plant and suppression of dust in CHP. For the purpose raw water transportation/treatment cost may be estimated based on the data available with APML. Based on the payback philosophy the cost of proposed treatment system for potential recycling/reuse of CTBD can be worked out. However subsequently based on detailed discussions with concerned officials of APML and details exploration of the present CTBD generation and its recycling/reuse pattern it has been ultimately suggested that cost-effective treatment system may be designed for 50 % of CTBD (i.e. around 600 m³/hr) for potential reuse of the same to reduce the fresh water requirement for CT makeup. Remaining 50% of the CTBD water can be utilized in AHP as per present practices.





5. Accordingly proposed treatment scheme using CTBD water (@600m³/hr) has been worked out based on Conventional followed by Advance Technology for recycle and reuse with 85 -87% recovery. In this scheme detail of treatment cost/project cost, O&M cost has been also worked out to understand the Capex and Opex and Payback period by analyzing typical raw water transportation cost, treatment cost, Manpower, Chemical and Energy Cost, etc.

8.2.1 Design Parameters for Treatment of CTBD Water for Potential Recycling

Source of Water: CTBD water

Design Capacity: 600 m³/hr

Cooling Tower Water Chemistry: to understand cooling tower makeup water chemistry the quality of raw water, CTBD water as well as cooling tower makeup water presently being used have been considered.

Raw Water Quality:

Parameter	Value	Unit
рН	8.2-8.6	-
TDS	105-220	mg/l
Total Hardness	95-135	mg/l
Ca Hardness	45-90	mg/l
Silica	12-18	mg/l
Iron	0.1-0.9	mg/l

Cooling Tower Makeup Water Quality:

Parameter	Value	Unit
рН	7.5-8.5	-
TDS	105-220	mg/l
Total Hardness	120-160	mg/l
Ca Hardness	60-90	mg/l
Silica	15-30	mg/l





CTBD Water Quality:

Average CTBD water quality of Tiroda TPP have been considered as design basis for the proposed 600 m³/hr Water Recycling Plant with 85 % Recovery:

Parameter	Value	Unit
рН	7.5-8.5	-
Turbidity	6-15 max	NTU
TDS	870-1350	mg/l
Total Hardness	460-790	mg/l
Ca Hardness	300-340	mg/l
Silica	75-90	mg/l

Design Basis of the Proposed CTBD Water Recycling Plant:

Input Data as per CTBD water quality parameters: As mentioned above.

To be considered as design basis for water recycling project with an objective of 85 % Recovery.

8.2.2 CTBD Water Treatment Philosophy

The cooling tower blow down (CTBD) water first transferred by gravity flow to an underground storage reservoir of capacity 600 m³. The storage reservoir will serve as an intermediate storage facility with a retention time of 1 hr for feeding to Proposed Water Recycling Plant.

From this reservoir by transfer pump the CTBD water will be first feed into a Pressure sand filter unit to reduce the Turbidity of the water below <5 NTU level. (Back wash once in a day for 30 minutes in a Day -300 m³/day- back wash water will be utilized with RO Final reject in AHP/CHP or any other suitable use like green belt development, etc)

After reduction of turbidity of the water it will be allow to pass through Activated Carbon Filter. The purpose of passing through ACF is to remove the any traces of organics, Oil and Grease color, odour causing chemicals etc from the CTBD water. Here Pre-treatment of the UF -RO system will be completed. (ACF back wash frequency once in 7 - 10 days and back wash water may be utilized for Guard Pond, Green belt development, Road washings etc)

From this part the pre-treated water will be feed to UF- RO systems (2 stage) to achieve 85 % recovery.





The Ultrafiltration units will be provided to take care of any colloidal impurities, Silica, any traces Oil and Grease, Virus Bacteria from the water which may be very much harmful to RO membrane systems.

After Ultrafiltration units High Capacity Cartridge Filter will be in the system (0.25 - 0.5-micron range) to finer tuning of further fine suspended impurities if any from the RO Feed water.

From here with High Pressure Pump the water will be feed into the 1^{st} Stage RO membrane systems (membrane capable of handling high level silica upto 150-200 ppm). Feed flow – 600 m³/hr.

The permeate will be 420 m³/hr with 70 % recovery and will be kept for storage and reuse purpose as per plant need

(May be feed to DM, or CT Make Up etc). The water quality for the permeate: pH 6.5-7.5, TDS < 130 mg/l, Total Hardness- < 50 mg/l, CaH < 30 mg/l, Silica- Nil. Iron Nil.

From 1st Stage reject flow will be 180 m3/hr- Which will be the feed flow to 2nd stage RO(same configuration as before).

Expected TDS at the 2^{nd} stage of RO feed: 4,200 mg/l (max). After 2^{nd} stage RO we will get another 50 % recovery @ 90 m³/hr- Which may be add to the suitable storage facility for recycle and reuse as per plant need. The Product water quality after 50 % recovery at the 2^{nd} stage: pH- 6.5-7.5 , TDS < 200 mg/l, TH , 70 mg/l, CaH < 50 mg/l, Silica — Nil. Iron -Nil.

The reject from the 2nd stage will be 90 m3/hr – may be utilized in Ash Pond quenching/ Gurad Pond.

Expected TDS of 2nd stage RO reject-5,500-8,200 mg/l max.

Total recovery: 1st Stage 420 m³/hr+ 2nd stage 90 m³/hr= 510 m³/hr (85% of 600 m³/hr).

8.2.3 Summary of Proposed CTBD Water Treatment Scheme

The schematic diagram of proposed CTBD water treatment system for Tiroda TPP is presented in Figure 8.1.

Treatment Process Schematic:

Design Flow Considered: 600 m³/hr

CTBD Water \rightarrow Transfer by Gravity-> Intermediate Storage Reservoir (Capacity- 600 m³) for further Treatment.

Dimension of the reservoir: 20 M(L) x 15 M(W) x 2 M (H) plus 0.5 M (Free Board Height)





Transfer Pump-> Pressure Sand Filter/Multi Grade Filter-> Activated Carbon Filter-> Ultrafiltration Units-> MCF-> 1st Stage RO→ Permeate (70 % Recovery)-> Product Water Storage(420 m³/hr);

Product Water Quality after 1st Stage RO: pH 6.5-7.5, TDS<130 mg/l, TH< 50 mg/l, Fe - Nil, Silica - Nil

Reject from 1st Stage(180 m³/hr)-> MCF→ 2nd stage RO- Recovery 50 % i.e 90 m³/hr

Product Water Quality after 2nd Stage RO: pH 6.5-7.5, TDS <200 mg/l, TH <70 mg/l, Iron Nil. Silica – Nil.

Reject from 2nd Stage and UF -RO Cleaning – 90-110m³/hr- Back to AHP/CHP

Total Recovery: 1st Stage – 420 m³/hr + 90 m³/hr from 2nd Stage= 510 m³/hr (85% of 600 m³/hr design flow)

Back Wash: Filter backwash for 30 minutes per day i.e. 300 m³/hr, ACF Back wash for 30 minutes (300 m³- Once in 5 days) to AHP/CHP

8.2.4 Cost-benefit Analysis

The typical capital as well as operational cost of proposed treatment system for potential recycling/reuse of CTBD have been worked out as follows:

Capex: 16-18 Crore (Approx.)

Opex: Chemical Cost- INR 8000-9000/day

Manpower Cost- INR 3000/day

Energy Cost - INR 10000-12000/day

Total - INR 24000/day (Approx.)

Raw Water Treatment Cost: Rs 15/m³ For 600 m³/hr: Rs 15 x 600 : Rs 9,000/hr

Per Month: Rs 9,000x 24 x 30= 64.8 Lacs/month

Typical Payback- around 30 months





At the same time plant will be able to achieve a significant water conservation measures through CTBD recycling thereby reducing fresh water consumption of about $11520~\text{m}^3/\text{day}$ (4147200 m³/year) for CT makeup on sustainable basis.





Intermediate **Pressure Sand** Transfer **CTBD Water Activated** Filter/Multi-Grade **Storage Reservoir** (600 m³/hr) **Carbon Filter** (20mLX15mWX2mH+0.5mFB) Pump **Filter Ultra-Filtration Membrane** 1st Stage RO Permeate Units **Cartridge Filter** 70% Recovery 1st Stage RO Reject (180 m³/hr) **Product Water Product Water** 50% **Ash Handling** + 2nd Stage RO Storage Storage **Plant/Guard Pond** (420 m³/hr) (90 m³/hr) 2nd Stage RO Reject Recovery (90 m³/hr)

FIGURE 8.1: SCHEMATIC FLOW DIAGRAM OF PROPOSED CTBD WATER RECYCLING PLANT

For Recycling & Reuse of CTBD Water:

Design Flow Considered: 600 m³/hr.

Total Recovery (85%) = 1^{st} Stage RO 420 m³/hr. + 2^{nd} Stage RO 90 m³/hr. = 510 m³/hr.

1st Stage RO Water Quality:

pH = 6.5-7.5; TDS = 130 mg/l; Ca-Hardness = 30 mg/l; Total Hardness = 50 mg/l; SiO₂ = Nil

2nd Stage RO Water Quality:

pH = 6.5-7.5; TDS = 200 mg/l; Ca-Hardness = 50 mg/l; Total Hardness = 70 mg/l; SiO₂ = Nil

Type of Membrane -> High Fouling/Brackish Water Type (DOW/ Hydronautics /GE Equiv.)





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