



Power

Ref: APL/APRL/EMD/EC/MoEFCC/212/11/22

Date: 27/11/2022

To,

**Additional Principal Chief Conservator of Forest (APCCF)
Ministry of Environment, Forest and Climate Change**

Integrated Regional Office, Jaipur

Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area.

Jaipur – 302004, Rajasthan

Sub: Six Monthly Compliance Status reports on Environment Clearance of Residential Complex for Phase I & II of Kawai Thermal Power Plant along with Environmental Monitoring reports- reg.

Ref: 1) Environmental clearance letter no. F1 (4) SEIAA/SEAC-RAJ/SECTT/ PROJECT/ CAT.8 (a) B/ (444)/12-13, dated- 30/11/2012 and
2) Environmental clearance letter no. F1 (4) SEIAA/SEAC-RAJ/SECTT/ PROJECT/CAT. 8(a) B2 (444)/13-14, dated- 22/01/2016

Dear Sir,

With reference to above subject, please find enclosed herewith Six-Monthly Environment Clearances (EC) compliance status report for **Residential Complex** (Phase I & Phase II) along with environmental monitoring reports etc. for the period of **April'2022 to September'2022** in soft (e-mail).

This is for your kind information & record please.

Thanking You,

Yours faithfully,

for **Adani Power Rajasthan Limited**

**(Santosh Kumar Singh)
Authorized Signatory**

Encl: as above

CC:

Member Secretary

Central Pollution control Board

Parivesh Bhavan, East Arjun Nagar

Kendriya Paryavaran Bhawan

New Delhi- 110 032.

Member Secretary,

Rajasthan State Pollution Control Board

4, Institutional Area, Jaipur - 302 004

Member Secretary

State Level Environment Impact Assessment Authority (SLEIAA),

4, Jhalana Institutional Area, Jhalana Doongri, Jaipur, Rajasthan

Regional Officer,

Rajasthan State Pollution Control Board

Jhalawad, Rajasthan

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**SIX MONTHLY COMPLIANCE REPORT OF
ENVIRONMENTAL CLEARANCE**

RESIDENTIAL COMPLEX

FOR

Kawai Thermal Power Station (Phase I & II)

At

**VILLAGE - KAWAI, TEHSIL - ATRU,
DISTRICT - BARAN, RAJASTHAN**

Submitted to:

**Integrated Regional Office, Jaipur
Ministry of Environment, Forest & Climate Change
State Level Environment Impact Assessment Authority
Central Pollution Control Board, New Delhi &
Rajasthan State Pollution Control Board, Jaipur**

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Submitted By:

**Environment Management Department
Adani Power Rajasthan Limited
Village - Kawai, Tehsil - Atru
District - Baran, Rajasthan**

PERIOD: April'2022 to September'2022

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Introduction

Adani Power Rajasthan Ltd. (APRL), a wholly owned company of Adani Power Limited, has constructed Residential Complex for 2x660 MW Coal-based Supercritical Thermal Power Plant near village Kawai of Tehsil Atru in District Baran, Rajasthan.

Environmental Clearances & Consent to Operate for the Residential Complex of APRL has been granted by State Environmental Impact Assessment Authority and Rajasthan State Pollution Control Board respectively.

APRL has also obtained amendment in EC vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.8 (a) (444)/2019-20 dated 16th July 2020. Compliance of additional conditions mentioned in the amended EC will be complied & status will be updated in the next half yearly compliance.

The Environment Quality Monitoring is being carried out by NABL accredited Environment Laboratory inside the plant premises and also in nearby villages by M/s Team Test House, a unit of Team Institute of Science & Technology, Jaipur.

APRL has also been granted Amendment in Phase – II EC vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat. 8(a_B2 (444)/13-14 dated 26th July 2019.

Point wise compliance to the conditions stipulated in Environmental Clearance of Residential Complex for Kawai Thermal Power Station of APRL is being furnished herewith.

Residential Complex Construction for expansion project not yet started.

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**COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE
For Residential Complex for Kawai Thermal Power Plant**

Vide letter No. F1 (4)/SEIAA/SEAC-RAJ/SECTT/PROJECT/CAT.8 (a) B/(444)12-13
dated 30.11.2012

Sl. No	CONDITIONS STIPULATED BY SEIAA	COMPLIANCE STATUS																										
PART A: SPECIFIC CONDITION																												
I. Construction Phase																												
i.	"Consent To Establish" shall be obtained from RPCB before start of any construction work at the site	Complied Both "Consent to Establish" (CTE) and 'Consent to Operate' (CTO) obtained from RSPCB. Renewed 'Consent to Operate' (CTO) has been obtained vide file no. F(CPM)/Baran (Atru)/1027(1)/2012-2013/1491-1493 and order no. 2020-2021/CPM/5648 dated 22.06.2020, CTO is valid up to 31.08.2024.																										
ii.	No mobile tower shall be installed	Complied. Mobile tower is not installed.																										
iii.	As envisaged, the PP shall earmark an amount of Rs. 567.50 lacs as initial capital cost and Rs.20.50 Lacs as annual recurring cost for implementing various environmental protection measures under the Environmental Management Plan	Complied. EMP Expenditure during construction phase: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Item</th> <th style="text-align: center;">Capital Cost (Rs. Lakhs)</th> </tr> </thead> <tbody> <tr> <td>Sanitation facilities for construction workers</td> <td align="center">10.0</td> </tr> <tr> <td>Curtain Wall around Project Boundary</td> <td align="center">5.0</td> </tr> <tr> <td>Covered Storage for Construction Material</td> <td align="center">7.0</td> </tr> <tr> <td>Sedimentation Trap for construction wastewater</td> <td align="center">5.0</td> </tr> <tr> <td>Sewage Treatment Plant</td> <td align="center">300.0</td> </tr> <tr> <td>DG Stacks</td> <td align="center">5.0</td> </tr> <tr> <td>DG room acoustic treatment</td> <td align="center">1.5</td> </tr> <tr> <td>Soild waste management</td> <td align="center">15.0</td> </tr> <tr> <td>Rainwater harvesting</td> <td align="center">4.0</td> </tr> <tr> <td>Landscaping</td> <td align="center">65.0</td> </tr> <tr> <td>Solar lighting & solar heating</td> <td align="center">150.0</td> </tr> <tr> <td align="center">Total</td> <td align="center">567.5</td> </tr> </tbody> </table>	Item	Capital Cost (Rs. Lakhs)	Sanitation facilities for construction workers	10.0	Curtain Wall around Project Boundary	5.0	Covered Storage for Construction Material	7.0	Sedimentation Trap for construction wastewater	5.0	Sewage Treatment Plant	300.0	DG Stacks	5.0	DG room acoustic treatment	1.5	Soild waste management	15.0	Rainwater harvesting	4.0	Landscaping	65.0	Solar lighting & solar heating	150.0	Total	567.5
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iv.	As committed, the PP shall invest an amount of Rs. 1.00 Crores in the first and Rs. 50.00 Lacs every year subsequently under CSR for School Education of Children, Anganwadi Services & Nutrition, Health & Sanitation, Livestock in the villages, Adult education & Youth Development, Income Generation Activities & Infrastructure support.	CSR activities are being carried out by Adani Foundation. Implementation / achievement of CSR activities during April'22 to Sept'22 is enclosed as Annexure-II .																										

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v.	That the grant of this EC is issued from the environmental angle only, and does not absolved the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent	Noted & agreed
vi.	The PP shall comply with the guide line of High Rise Buildings as per office Memorandum no. 21-270/2008-IA.III dt. 07.02.2012	There are no high rises building in the Residential Complex.
vii.	For the conservation of electricity and to reduce energy losses the management shall ensure that the electrical voltage is stepped down from 33KV to 11KV and distributed at this level and finally brought to 440 volts	Dedicated transformer for the Residential Complex is provided for conservation of electricity.
viii.	The PP shall obtain approval of drawing of laying of electrical lines from the concerned SE of RVUNL	Approval of drawing for lying of electrical lines is obtained from RVUNL-Chhabra.
ix.	The PP shall fulfill the requirement of energy regulatory commissions	APRL has been followed the guidelines of Regulatory commissions.
x.	Feasibility of underground wiring may be examined and followed	Underground wiring provided.
xi.	Open land may be earmarked for laying 132 KV Lines	Underground line provided for the Residential complex.
xii.	Road width and bench should be of adequate for easy movement of fire fighting vehicles	Standard Road width are provided for easy movement of vehicles
xiii.	The drain should be of adequate capacity and be lined till the final disposal point.	300mm to 900mm width lined drain are constructed from primary collection to final discharge point.
xiv.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities and such fuel for cooking, mobile toilets, mobile STP, safe drinking water, Medical Health Care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	Labor/Worker for Construction activities were hired from local villages. Mobile toilets, STP drinking water and medical care facilities were provided during construction phase.
xv.	All required sanitary and hygienic measure shall be in place before starting construction activities. The safe disposal of waste water and solid waste generated during the construction phase shall be ensured	Labor/ workers for Construction activities hired from local villages. Mobile toilet STP facility was provided during construction.
xvi.	Adequate drinking water facilities shall be provided for construction	Drinking water supplied adequately in water dispenser from RO plant during construction

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	workers at the site	phase.
xvii.	Provision shall be made for the supply of fuel (Kerosene or cooking gas); utensils such as pressure cookers etc. to the laborers	Not Applicable. All the labors hired from local villages.
xviii.	All the laborers engaged for construction shall be screened for the health and adequately treated before engaging them to work at site	Complied. Gate pass to labors have been issued only after thorough health checkup.
xix.	For disinfection of wastewater appropriate tertiary treatment may be given	For disinfection of wastewater, an inbuilt tertiary arrangement in STP (such as Filtration, disinfection by chlorination and holding tank) is provided.
xx.	All the top soil excavated during the construction shall be stored for use in horticulture / landscape development within the project site	Complied. Excavated soil during the construction period has been used for landscaping, horticulture, and greenbelt development within the premises of residential complex.
xxi.	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of the people, only in approved site with the approval of competent authority	Muck including other construction waste during construction phase was used as area grading and land filling within the project premises in such a way that they have no adverse effects on the neighboring communities and special precautions had taken for general safety and health aspects.
xxii.	Soil and ground water samples will be tested to ascertain that, there is no threat to the ground water quality by leaching of heavy metals and other toxic contaminants	Environmental Monitoring including Soil and ground water sampling and analysis are being carried out. Monitoring report is enclosed as Annexure-I
xxiii.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump site for such material must be secured so that they do not leach in to the ground water	Construction spoil was used for ground levelling. No hazardous material was used in the construction area. Ground water contaminations will not take place as the complex area is a part of rocky hard sand stone.
xxiv.	Diesel generator sets to be used during the construction phase shall be low-sulphur-diesel type and shall conform to Environment (Protection) Rules for air and noise emission standards	Power for Residential Complex was supplied from Kawai Power Plant.
xxv.	Vehicles hired for construction material and laborers to the site shall be in good conditions and shall conform to applicable air and noise emission standards and shall be approved during non-peak/approved hours	Only certified vehicle with valid PUC are allowed for Gate pass entry inside the Residential Complex as well as Kawai TPP.
xxvi.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be	NABL accredited consultant (M/s Team Test House, Jaipur) has been appointed for Environmental monitoring of Ambient Air Quality, Water Quality and Noise Level

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	closely monitored during construction phase	monitoring etc. Monitoring reports for construction phase had been submitted.
xxvii.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September'1999 and amended as on August, 2003 (The above condition is applicable only if the project is within 100 km of Thermal Power Station)	Fly Ash based Bricks and Paver block has been used for construction purpose.
xxviii	Ready mix concrete shall be used in building Construction	Complied
xxix.	Storm water control and its re-use as per CGWA and BIS standards for various applications.	The storm water of the project area is routed to a rainwater harvesting pond.
xxx.	The responsibility of water supply to the occupants would be that of the PP and the PP should ensure supply of water to occupants before occupancy from a legal source.	The required quantity of water is supplied from Parvan River for power plant as well as Residential Complex after treatment.
xxxi.	Water demand during construction shall be reduced by the use of pre-mix concrete, curing agents and other best practices	APRL has used pre-mix concrete and fly ash bricks and adopted conservative measures for curing
xxxii	Total domestic water requirement shall not exceed 240 KLD. The PP shall source of water from Parvan Irrigation Project. The PP should ensure availability of required quantity of water from Parvan Irrigation Project and disposal of sewage in an environmentally safe manner	It is ensured that the water required for domestic purpose is within 240KLD. Treated sewage water is used for Greenbelt development & Horticulture.
xxxiii	Separation of grey and black water shall be done by the use of the dual plumbing line for separation of grey and black water	Separate sewerage system for Black Water (from a toilet or urinal) and Grey Water (waste water from sinks, showers, washing machines, dish washers and etc.) are provided.
xxxiv	Treatment of 100% grey water by decentralized treatment shall be done	Decentralized treatment facilities as modular STP of different capacities (3 Nos. of 10KLD, 2 Nos. of 45KLD and 2 Nos. of 60KLD) are provided for the treatment of Wastewater.
xxxv.	Building plan from the competent Authority shall be got approved and position cleared with reference to Master Plan	Complied.
xxxvi	Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits	Complied, maintained during construction. Monitoring reports for construction phase had been submitted.
xxxvii	A First Aid Room will be provided in the project both during construction and operation of the project	Dedicated Health Centre is available and working within the Residential Complex.
xxxviii	Any hazardous waste generated during construction phase shall be disposed off as per applicable rules and norms with	Complied during Construction Phase.

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	necessary authorization of the RPCB	
xxxix.	The approval of the competent authority shall be obtained from structural safety of the building due to earth quack, adequacy of the Fire Fighting equipment, etc. as per National Building Code 2005 including protection measures from lightening etc.	Complied Building structural design & safety design plan was prepared by competent architect and approved by Chartered Civil Engineer. Structural Stability Certificate had already been submitted.
xl.	Regular and periodic mock-up drills shall be undertaken by the fire department at least once in a year	Fire drill conducted twice in a year.
xli.	NOC shall be obtained from National State Disaster Management Authority, wherever applicable	Not applicable
xlii.	Regular supervision of the above and other measures for monitoring shall be in place through the construction phase, so as to avoid nuisance to the surroundings	Regular supervision was carried out by experienced professionals during construction period.
xl.iii.	Guidelines issued by concern Ministry for water scares areas may be followed	Being followed
xliv.	Composting of biodegradable waste shall be carried out within the campus	Biodegradable waste is being composted at designated place within the plant premises through Organic Waste Converter (OWC) installed for the purpose.
xlv.	STP sludge will be used for composting and compost will be used as manure	Disinfected Sludge is being used for composting & used as manure.
xlvi.	Provision of solar water heating/chilling/street lighting shall be explored	Solar street lighting has been provided.
xlvii.	Review and revise the DG set capacities for 100% power backup through optimization of power backup in case of power failure and emergency	Power Supply from station Transformer of TPP, with a backup facility for critical equipment's and Residential complex in Case of grid failure/blackout.
xl.iii.	During construction and post construction / operation phase of the project, the proponent shall be responsible for implementation of EIA/EMP. Commitment of the proponent in this regard shall be submitted to RPCB at the time of applying for CTE	CTE has been issued by RSPCB after submission of EMP and APRL has committed to implement as suggested under EIA/EMP report.
xlix.	The project proponent shall fulfill in letter and spirit, all the commitments given/submitted to the SEAC office	Being complied and followed.
I.	The PP will ensure that the STP of 230 KLD as proposed performs as desired efficiency. Scheme of arrangement for disposal of treated sewage in a scientific manner should be submitted after approval from an expert before completion of the project	Being complied It is ensured that the desired efficiency of STP will always be maintained. Scheme of arrangement for disposal of treated sewage in a scientific manner is prepared by expert engineers. Decentralized modular STPs have been installed to fulfil desired efficiency.

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ii.	After construction and handing of the project, the Resident Welfare Association or the maintenance agency shall be responsible for the EIA/EMP implementation. In this regard a suitable clause shall be put by the PP in the Maintenance agreement	A full-fledged administrative and environmental management cell of APRL is dedicated for implementation of EMP.
II. Operational Phase		
i.	An independent expert shall be certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation discharge of treated sewage shall conform to the norms & standards of the RSPCB.	STP details submitted to RSPCB and CTO granted after evaluations of the same.
ii.	For conservation of electricity and to reduce energy losses the management shall ensure that the electrical voltage is stepped down from 33 KV and distributed at this level and finally brought to 440 Volts.	Noted Electrical voltage brought down from 33 KV to 11 KV for conservation and reduce losses
iii.	Rain Water harvesting (RWH) for roof top run-off, as planned shall be implemented.	Rainwater Harvesting Structure (RWHS) is constructed towards lowest gradient (East) of Residential Complex and connected with storm water drainage system to collect roof top & paved area.
iv.	Before recharging the surface run off, pre - treatment must be done to remove the suspended matter, oil & grease.	Siltation chamber is provided for Pre-treatment for removal of suspended matter. Oil & grease will be done before recharging.
v.	The rain water harvesting plan shall be as per Gol Manual.	Rainwater Harvesting Structure (RWHS) is constructed towards lowest gradient (East) of Residential Complex and connected with storm water drainage system to collect run off, roof top & paved area.
vi.	The solid waste generated shall be properly collected & segregated before disposal to the City Municipal facility. The in-vessel bio-conversion technique may be used for composting the organic waste.	Being Complied Biodegradable waste is being composted at designated place within the plant premises through Organic Waste Converter (OWC) installed for the purpose.
vii.	Any hazardous waste including biomedical waste shall be disposed of as per applicable rules & norms with necessary approvals of the RSPCB.	The generated Bio-medical waste is being collected by an authorized vendor (M/s Hoswin Incinerator) on regular basis from dedicated Health Centre for Residential Complex.
viii.	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day & night noise standards prescribed for residential land use. The open space inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.	Being Complied Vegetation developed all along the periphery of residential area is for noise attenuation

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ix.	The D.G sets to be operate with stack height as per CPCB norms.	Not Applicable
x.	Incremental pollution loads on the ambient air quality noise and water quality shall be periodically monitored after commissioning of the project.	Being Complied Monthly monitoring of Ambient Air Quality, Noise Level & Water Quality carried out. Monitoring report is enclosed as Annexure-I
xi.	Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators of pressure reducing devices or sensor based control.	Complied. Low flow fixtures provided
xii.	Use of glass may be reduced by up to 40% to reduce the electric consumption and load in air- conditioning, if necessary, use the high quality double glass with special reflective coating windows.	Complied. Glass provided only in windows. The glass area in less than 40%.
xiii.	Roof shall meet prescriptive requirement as per Energy Conservation building code by using the appropriate thermal insulation material to fulfil the requirement.	Complied. RCC Roof provided with adequate thermal insulation.
xiv.	Opaque walls shall meet prescriptive requirement as per Energy Conservation building code for all air- conditioning spaces, whereas, for non air- conditioned spaces, by use of appropriate thermal Insulation material to fulfil the requirement.	Complied. Opaque walls provided in the entire residential complex.
xv.	Application of solar energy shall be incorporated for illumination of common area, lighting for gardens and street lighting in addition to provision of solar water heating. A hybrid system or fully solar system for a portion of the apartments shall be provided	Solar street lighting provided.
xvi.	Traffic congestion near the entry and exit points from the roads adjoining from the proposed project site must be avoided. Parking shall be fully internalized and no public space shall be utilized	The construction of internal roads and approach roads has been planned for smooth control of traffic movement within the residential complex. Adequate parking provisions are made to cater to the occupants as well as visitors. Adequate parking for 4 wheelers, 2 wheelers and bicycle has been provided.
xvii.	A report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R&U factors, etc. Quantify energy saving measures	Potential savings of energy had been submitted.

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xviii.	Proper system of channelizing excess storm water shall be provided	Excess storm water, if any, is channelized to the rainwater harvesting pond and outfall.
xix.	The power factor shall be maintained near unity	Compliance Assured
xx.	Trees and shrubs of local species shall be planted to allow habitats for birds with appropriate distance from the boundary	About 12120 trees and shrubs are planted within the Residential Complex area.
xxi.	Polyalthia longifolia (Ashok), Cassia fistula (Amaltas) and Ficus infectoria (Pilkhan) shall be planted	The respective species are already planted & plantation is being continued.
xxii.	Re-cycled water to match standards for cooling water system. MPN should be less than 5/100 ml in case of reuse of water of landscaping and flushing	Environmental Monitoring report is enclosed as Annexure-I
xxiii.	Adequate measures shall be taken to prevent odor from solid waste processing and STP	Biodegradable waste is being composted at designated place within the premises, Organic Waste Converter (OWC) installed for this purpose.
xxiv.	The SEIAA, Rajasthan reserves the right to add new condition, modify/annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow, SEIAA Rajasthan & RPCB	Noted & Agreed
PART - B. GENERAL CONDITIONS		
i	The environmental safeguards contained in Form I-A shall be implemented in letter and spirit	Noted
ii	Six monthly compliance reports shall be submitted to Ministry of Environment & Forest, Govt. of India, Regional Office, Ministry of Environment & Forest, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow, SEIAA, Rajasthan and Rajasthan State Pollution Control Board	Being Complied Six monthly compliance report on the Environmental Clearance granted by MoEFCC is being submitted to MoEFCC, RO (CZ), and CPCB & RSPCB regularly. Compliance status updated on Company's website. Compliance reports for the period of October'2021 to March'2022 had been submitted vide letter no.: APL/APRL/EMD/EC/MoEFCC/257/05/22 dated 29.05.2022.
iii	Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full co-operation facilities and	Noted Full co-operation shall be extended at all the time.

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	documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the DoE, Rajasthan and Rajasthan State Pollution Control Board	
iv	In case of any changes in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan	Noted
v	The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Noted
vi	All the statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation department, Forest Conservation Act, 1980 and The Wildlife (Protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority	Not Applicable for Residential Complex.
vii	The PP shall ensure advertising in at least two local news papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and Rajasthan State Pollution Control Board and may also be seen on the web site of the Board at www.rpcb.nic.in . The advertisement shall be made within 7 (Seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur (S) of the Board	Complied Advertised in local newspaper 'Dainik Bhaskar and Rajasthan Patrika' on 15th December'2012.
viii	These stipulations would also be enforced amongst the other under the provisions of Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification	Noted

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ix	Under the provision of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental clearance.	Noted
x	Environment clearance is subject to final order of the Honb'le Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of the year 2004 as may be applicable to this project	Noted

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COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE

For Residential Complex (Phase II) for Kawai Thermal Power Plant

Vide letter No.F1 (4)/SEIAA/SEAC-RAJ/SECTT/PROJECT/CAT.8 (a)B2/(444)13-14 dated- 22.1.2016

(The construction for expansion of Residential Complex is yet to start)

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i.	<p>This Environment Clearance is granted for Expansion in Residential Complex for Kawai Thermal Power Plant as follows-</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Existing</th> <th>Proposed</th> <th>After Exp (Total)</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>Total Plot Area</td> <td>176500 m2</td> <td></td> <td>176500 m</td> </tr> <tr> <td>ii.</td> <td>Gross Built up Area</td> <td>49799.32 m2</td> <td>25200.68 m2</td> <td>75000 m2</td> </tr> <tr> <td>iii.</td> <td>Built up Area</td> <td>49799.32 m2</td> <td>25200.68 m2</td> <td>75000 m2</td> </tr> <tr> <td>iv.</td> <td>Proposed Green Area</td> <td>6800 m2</td> <td>5300 m2</td> <td>12100 m2</td> </tr> <tr> <td>v.</td> <td>Parking Total E.C.U</td> <td>315</td> <td>172</td> <td>487</td> </tr> <tr> <td>vi.</td> <td>Project Cost</td> <td>Rs. 100 Crore</td> <td>Rs. 54 Crore</td> <td>Rs. 154 Cr</td> </tr> <tr> <td>vii.</td> <td>STP</td> <td>155 KLD</td> <td>90 KLD</td> <td>245 KLD</td> </tr> </tbody> </table>	Sl. No.	Particulars	Existing	Proposed	After Exp (Total)	i.	Total Plot Area	176500 m2		176500 m	ii.	Gross Built up Area	49799.32 m2	25200.68 m2	75000 m2	iii.	Built up Area	49799.32 m2	25200.68 m2	75000 m2	iv.	Proposed Green Area	6800 m2	5300 m2	12100 m2	v.	Parking Total E.C.U	315	172	487	vi.	Project Cost	Rs. 100 Crore	Rs. 54 Crore	Rs. 154 Cr	vii.	STP	155 KLD	90 KLD	245 KLD	<p>Noted, Construction of expansion project not yet started and project on hold</p>
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ii.	"Consent to Establish" shall be obtained from RPCB before start of any construction work at the site,	Noted, Already applied																																								
iii.	No Mobile tower shall be installed.	Noted & Agreed																																								
iv.	As envisaged, the PP shall earmark an amount of Rs. 369.50 lacs as initial capital cost and Rs. 69.00 Lacs as. Annual recurring cost for implementing various environmental protection measures under the Environmental Management Plan.	Compliance Assured Separate budget has already been earmarked for environmental protection measures.																																								
v.	Green belt/Landscaping should be developed in 12,100 Sq. m. as proposed.	Compliance Assured Three tier plantation/ greenbelt all along the periphery of residential area is proposed.																																								
vi.	As committed the PP shall invest an amount of Rs. 100,00,000 under CSR spread over for 3 years as Rs.3220000 for 1st year, Rs.3770000 for 2nd year and Rs.301 0000 for 3rd year for School Education of Children, Anganwadi Services & Nutrition, Health & Sanitation, and Livestock in the Villages, Adult Education & Youth Development, and Income Generation Activities & Infrastructure Support.	CSR activities are being carried out by our Adani Foundation. Budget will be provided at the time of start of construction.																																								
vii.	That the grant of this E.C. is issued from the	Noted and Agreed																																								

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	environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and 'complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent.	
viii.	The PP shall obtain approval of drawings of laying electrical lines from the concerned SE of AVVNL.	Residential complex is an integrated project of Kawai Thermal Power Station and the required electrical power will be supplied from power plant itself.
ix.	The PP shall full fill the requirements of energy regulatory commission.	Noted and Agreed
x.	Feasibility of underground wiring may be examined and followed.	Underground wiring is proposed.
xi.	Open land may be earmarked for laying 132 kV line.	11 KV underground line provided for the residential complex.
xii.	Road width and bench should be adequate for easy movement of fire fighting vehicles.	7,5m width road is proposed for easy movement of fire fighting vehicles.
xiii.	The waste water drains should be of adequate capacity and be lined till the final disposal points.	300mm to 900mm width lined drain will constructed from primary collection to final discharge point.
xiv.	The P.P. shall ensure taking necessary steps on urgent basis to improve the living conditions of the labour at site. The proposed Budgetary provision of Rs. 2.00 Lacs shall be made for the housing of Construction labour within the site with all necessary infrastructure and facilities such as health facility, sanitation facility, fuel/LPG for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants. The housing may be in the form of temporary structures to be removed after the completion of the project. Details of provisions should be submitted to RPCB at the time of obtaining CTE.	Labour for Construction activities will be hired from local villages, Hence, provision of housing facilities to the construction labour does not arise. Health facility, sanitation facility, fuel /LPG for cooking, along with safe drinking water, medical camps, and toilets for women, crèche for infants will be provided during construction period.
xv.	All required sanitary and hygienic measures shall be in place before starting construction activities. The safe disposal of waste water and solid waste generated during the Construction phase shall be ensured.	Mobile toilet facility will be provided during construction.
xvi.	All the labours engaged for construction shall be screened for health and adequately treated before engaging them to work at the site.	Compliance Assured Gate pass to labours will be issued only after health checkup.

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xvii.	All the topsoil excavated during the construction shall be stored for use in horticulture/landscape development within the project site.	Noted and compliance assured
xviii.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of the people, only in approved sites with the approval of competent authority.	Noted and compliance assured
xix.	Soil and ground water samples will be tested to ascertain that, there is no threat to the ground water quality by leaching of heavy metals and other toxic contaminants.	Environmental Monitoring including Soil and ground water sampling and analysis is being carried out. The test results of Soil and Ground Water Quality within and outside the project area is given in Annexure- I
xx.	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they do not leach into the ground water	Noted & Compliance Assured
xxi.	The diesel generator sets to be used during the construction phase shall be low-sulphur-diesel type and shall conform to Environment (Protection) Rules for air and noise emission standards.	Electrical power will be supply form Kawai Power Plant.
xxii.	Vehicles hired for bringing construction material and labours to the site shall be in good conditions and shall conform to applicable air and noise emission standards and shall be operated during nonpeak/ approved hours	Only pollution (PUC) certified vehicle will be hired for construction activities.
xxiii.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase.	MoEF&CC accredited agency M/s Team Institute of Science & Technology Pvt, Ltd., Jaipur has been engaged for the environmental monitoring.
xxiv.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash notification of September, 1999 and amended as on August, 2003 (The above condition is applicable only if the project is within 100 km of Thermal Power Station).	It is proposed to use ash based bricks for construction purpose
xxv.	Ready mixed concrete shall be used in building Construction.	Noted Compliance Assured
xxvi.	Storm water control and its re-use as per CGWA	It is proposed to collect the storm

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	and BIS standards for various applications.	water of the project area in to a rainwater harvesting pond through storm water channel.
xxvii.	The responsibility of water supply to the occupants would be that of the P.P. and the PP', should ensure supply of water to occupants before occupancy from a legal source	The required quantity of water for residential complex will be supplied from water treatment plant of integrated Power Plant.
xxviii.	Water demand during construction shall be reduced by the use of pre-mixed concrete, curing agents and other best practices	It is proposed to use concrete and fly ash bricks and adopt conservative measures for curing
xxix.	Total domestic water requirement shall not exceed during construction phase 59.05 KLD and during operational phase 234 KLD. As proposed, the P.P. should ensure availability of required quantity of water from Pravan Irrigation Project and disposal of sewage in an environmentally safe manner.	Noted.
xxx.	Separation of grey and black water shall be done by the use of dual plumbing line for separation of grey and black water.	Noted Compliance Assured
xxxi.	Treatment of 100% grey water by decentralized treatment shall be done.	Decentralized treatment facilities as modular STP of different capacity has been installed are proposed for the treatment of wastewater from Kitchen and Bathroom (i.e., waste water from sinks, showers, washing machines, dish washers and etc.).
xxxii.	Building Plan from the competent Authority shall be got approved and position cleared with reference to Master Plan.	Compliance assured
xxxiii.	Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	Noted Compliance Assured
xxxiv.	A First Aid Room will be provided in the project both during construction and operation of the project	Noted Compliance Assured
xxxv.	Any hazardous waste generated during construction phase shall be disposed off as per applicable rules and norms with necessary authorization of the RPCB.	Noted Compliance Assured
xxxvi.	The approval of the competent authority shall be obtained. for structural safety of-the building due to earthquake, adequacy of firefighting equipment's, etc. as per National Building Code 2005 including protection measures from	Compliance assured

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	lightening etc.	
xxxvii	Regular and periodic mock-up drills shall be undertaken by the fire department at least once in a year.	Noted Fire drills are being conducted twice in a year.
xxxvii i.	NOC shall be obtained from National State Disaster Management Authority, wherever applicable.	Not Applicable
xxxix.	Regular supervision of the above and other measures for monitoring shall be in place throughout the Construction phase, so as to avoid nuisance to the surroundings.	Noted Compliance Assured
xi.	Guidelines issued by concerned Ministry for water scarce areas may be followed	Compliance Assured
xli.	Provision of solar water heating/chilling/ street lighting etc shall be explored.	Compliance Assured
xlii.	Review and revise the requirement of DG set capacities for 100% power back up through optimization of power back up in case of power failure and emergency	Noted Power supply will be through Station Transformer of Kawai TPP.
xliii.	During construction phase and Post construction/operation phase of the project, the proponent shall be responsible for implementation of EIA/EMP. Commitment of proponent in this regard shall be submitted to RPCB at the time of applying for CTE.	Environment Management Plan as suggested in EIA/EMP will be implemented once the project takes off.
xliv.	The project proponent shall fulfil in letter and spirit, all the commitments given/ submitted to the SEAC office.	Noted Compliance Assured
xlv.	The P.P. will ensure that the STP of 180 KLD as proposed performs as desired efficiency. Scheme for arrangement for disposal of treated sewage in a scientific manner should be submitted after approval from an expert before completion of the project.	Noted. STP will be installed along with construction of Residential Complex.
xlvi.	Fixtures for showers, toilet flushing, and drinking shall be of low flow either by use of aerators of pressure reducing devices or sensor based control.	Noted Low flow fixtures will be provided.
xlvii.	Use of glass may be reduced by up to 40% to reduce the electricity consumption and load in air conditioning. If necessary, use high quality double glass with special reflective coating windows.	Noted Uses of glass will be less than 40%.
xlviii.	Roof shall meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil	Noted RCC roofs.

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	requirement.	
xlix.	Opaque walls shall meet prescriptive requirement as per Energy Conservation Building Code for all air- conditioned spaces, whereas, for non- air-conditioned spaces, by use of appropriate thermal insulation material to fulfil the requirement.	Noted Opaque wall will be provided
i.	Application of solar' energy shall be' incorporated for illumination of common areas, lighting for gardens and street lighting. In addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the apartments shall be provided.	Noted The entry and exit are already developed for phase I, Avoiding congestion.
ii.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking shall be fully internalized and no public space shall be utilized.	Noted Compliance Assured
iii.	Proper system of channelizing excess storm water shall be provided.	Noted Proper storm water system is proposed.
liii.	Trees and shrubs of local species shall be planted to allow habitat for birds with appropriate distance from the boundary.	Noted Local trees and shrubs are proposed along the periphery of residential complex.
PART A: SPECIFIC CONDITION		
2. Operation Phase		
i.	An independent expert shall be certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation discharge of treated sewage shall conform to the norms & standards of the RSPCB.	Noted Compliance Assured
ii.	Composting of biodegradable waste shall be carried out within the campus.	Biodegradable waste will be composted at designated place within the plant premises through Organic Waste Converter (OWC).
iii.	STP sludge will be used for composting and compost will be used as manure	Noted Compliance Assured
iv.	Rain Water harvesting (RWH) for roof top run-off and surface run-off, as planned shall be implemented. The rain water harvesting plan shall be as per Gol Manual.	Roof top rain water harvesting is proposed. Recharge pits for deep and shallow depth is planned for project to conserve maximum runoff from site Excess rain water from project area will be diverted to Rain water

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		Harvesting pond at designated place for reuse.
v.	Before recharging the surface run off, pre-treatment must be done to remove the suspended matter, oil & grease.	Pre-treatment for removal of suspended matter. Oil & grease will be removed before recharging.
vi.	The solid waste generated An independent expert shall be certify the installation of the Sewage Treatment Plant (STP) and a report in this regard shall be submitted to the RPCB, before the project is commissioned for operation shall be properly collected & segregated before disposal to the City Municipal Facility. The in-vessel bio-conversion technique may be used for composting the organic waste.	Compliance assured Once the project takes off. Will be submitting after installation & commissioning of STP.
vii.	Any hazardous waste including biomedical waste shall be disposed of as per applicable Rules & norms with necessary approvals of the Rajasthan State Pollution Control Board.	Compliance assured Once the project takes off.
viii.	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day & night noise standards prescribed for residential land use. The open space inside the plot shall be suitably landscaped and covered with vegetation of indigenous variety.	Being Complied Three tier vegetation all along the periphery of residential complex phase I area is proposed for noise attenuation.
ix.	The D.G sets to be operate with stack height as per CPCB norms.	Noted Compliance Assured
x.	Incremental pollution loads on the ambient air quality noise and water quality shall be periodically monitored after commissioning of the project.	Noted Compliance Assured
xi.	A report on the energy conservation measures confirming to energy conservation norms finalize by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology, R&U factors, etc. Quantify energy saving measures	Compliance assured Once the project takes off.
xii.	The power factor shall be maintained near unity	Compliance Assured
xiii.	Polyalthia longifolia (Ashok), Cassia fistula (Amaltas) and Ficus infectoria (Pilkhan) shall be planted.	The respective species are already included in the list of plant species recommended by local forest department for project area.
xiv.	Re-cycled water to match standards for cooling water system. MPN should be less than 5/100 ml	Noted, once the project takes off.

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	in case of reuse of water of landscaping and flushing	
xv.	Adequate measures shall be taken to prevent odor from solid waste processing and STP	Compliance Assured
xvi.	The SEIAA, Rajasthan reserves the right to add new condition, modify/annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow, SEIAA Rajasthan & RPCB	Noted & Agreed
PART B : GENERAL CONDITION		
i.	The environmental safeguards contained in Form I-A shall be implemented in letter and spirit.	Noted
ii.	Six monthly compliance reports shall be submitted to Ministry of Environment & Forest, Govt. of India, Regional Office, Ministry of Environment & Forest, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow, SEIAA, Rajasthan and Rajasthan State Pollution Control Board	Being Complied
iii.	Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full co-operation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to the DoE, Rajasthan and Rajasthan State Pollution Control Board	Noted Full co-operation will be extended.
iv.	In case of any changes in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan	Noted
v.	The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provision of the Environment (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Noted

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vi.	All the statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation department, Forest Conservation Act, 1980 and The Wildlife (Protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority	Not Applicable for Residential Complex.
vii.	The PP shall ensure advertising in at least two local news-papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and Rajasthan State Pollution Control Board and may also be seen on the web site of the Board at www.rpcb.nic.in . The advertisement shall be made within 7 (Seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur (S) of the Board	Complied, Advertised in local newspaper 'Dainik Navjyoti, Dainik Bhaskar on 15th February '2016 and 'Chambal Sandesh' on 16th February '2016.
viii.	These stipulations would also be enforced amongst the other under the provisions of Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification '06	Noted
ix.	Under the provision of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental clearance.	Noted
Condition Amended in Environmental Clearance		
xiv.	The PP will ensure that the STP of 90 KLD as proposed performs as desired efficiency. Scheme for arrangement for disposal of treated sewage in scientific manner should be submitted after approval from an expert before completion of the project.	Noted & compliance assured once the project takes off STP will be installed along with construction of Residential Complex. STP of capacity 90 KLD is proposed for expansion of Residential complex (under Phase II)

**SIX MONTHLY COMPLIANCE REPORT ON
ENVIRONMENTAL MONITORING**

as

**AMBIENT AIR QUALITY,
WATER QUALITY AND NOISE LEVEL**

for



ADANI POWER RAJASTHAN LIMITED

**Residential Complex of 2x660 MW- SUPERCRITICAL THERMAL POWER
STATION)**

Near Salpura Railway Station, Tehsil Atru,
District Baran (Rajasthan)

PREPARED BY:



TEAM TEST HOUSE

(A UNIT OF TEAM Institute of Science & Technology Pvt. Ltd.)
G1-584, RIICO INDUSTRIAL AREA, SITAPURA, TONK ROAD,
JAIPUR - 302022, RAJASTHAN

Approved by Ministry of Environment & Forest (Govt. of India)
And Rajasthan State Pollution Control Board
Accredited by National Accreditation Board for Testing & Calibration Laboratories
Certified by ISO 9001: 2008

PERIOD: April 2022 to September 2022

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1 EXECUTIVE SUMMARY

ADANI group has constructed 2 units of 660 MW Supercritical Thermal Power Station at Village- Kawai in Tehsil- Atru of District- Baran (Rajasthan). The plant is designed to generate 2x660 MW electricity. The site is located Near Salpura Railway Station in district Baran (Rajasthan). The plant is well connected by Road and Rail network with different part of Rajasthan and adjoining states, at present both units are in operation.

M/s Adani Power Rajasthan limited has awarded environmental monitoring job work to **M/s Team Institute of Science and Technology (Unit - Team Test House)** vide Service Order No 5700295971 dated 03/04/2021 for Sampling/Monitoring and Testing of Environmental parameters on quarterly basis for the period 01/04/2021 to 31/03/2023.

The samples for determination of quality of Ambient Air analysis, Ground Water, Soil, Source Emission, Noise, etc are collected from Site and analysed at **Team Test House**, Jaipur.

The overall results for First and Second quarter are found to be satisfactory. The plant was performing well during the monitoring and environmental parameters in each segment like Ambient air, noise level and water are found to be within the desired limits.

2 BRIEF DESCRIPTION OF ADANI POWER AND KAWAI THERMAL POWER STATION

2.1 ADANI THERMAL POWER STATION

Adani, a conglomerate with a formidable presence in multiple businesses across the globe, has entered the power sector to harbing a 'Power Full' India, by generating 20,000 MW of power by 2020. Comprehension of the criticality in meeting the power requirement and its crucial role in ensuring the energy security of India, spurs us to build India's largest and one of the world top 5 single location thermal power plant in Mundra.

Adani Power Limited has commissioned the first supercritical 660 MW unit in the country. Mundra is also the WORLD'S FIRST supercritical technology project to have received 'CLEAN DEVELOPMENT MECHANISM (CDM) Project' certification from United Nations Framework Convention on Climate Change (UNFCCC).

2.2 KAWAI THERMAL POWER STATION

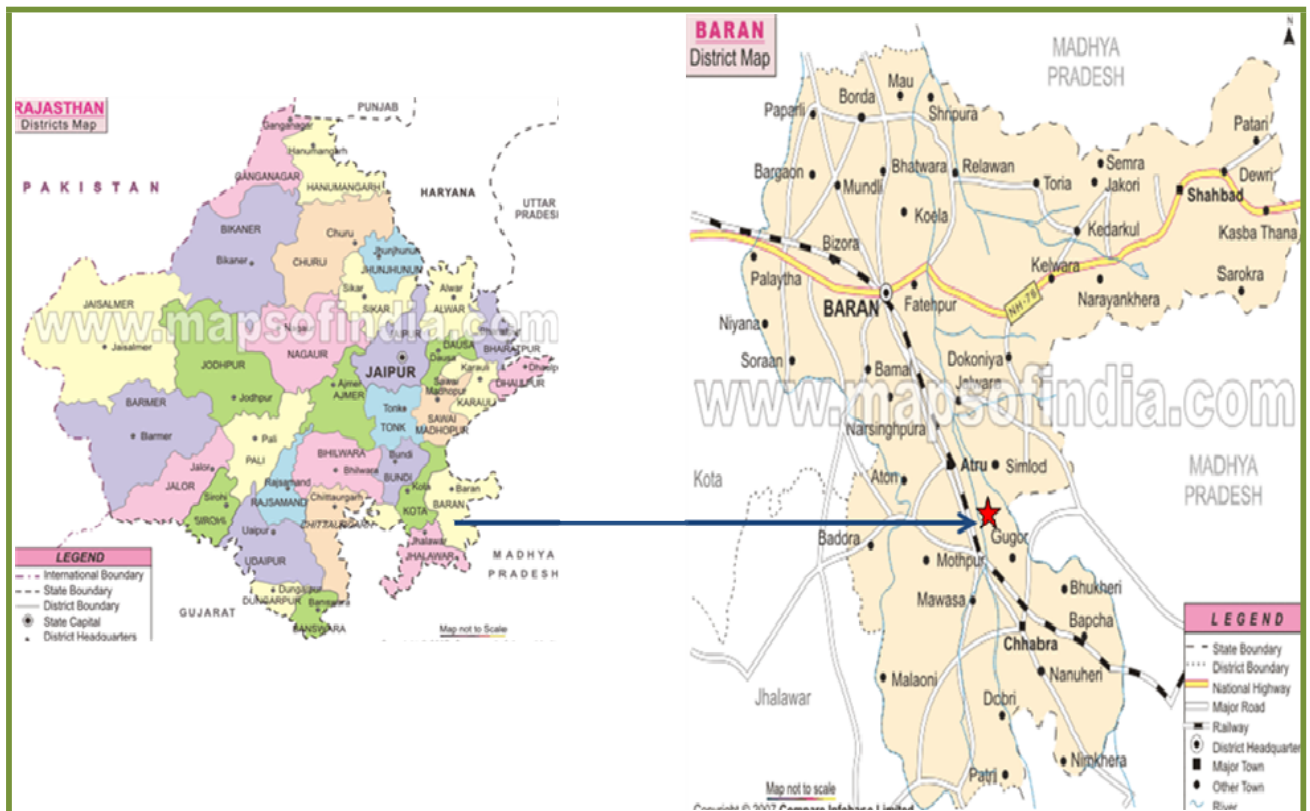
Adani Enterprises Limited (AEL) have signed MoU with Energy Department, Government of Rajasthan on 20th March 2008 for developing a Thermal Power Project of 1320 MW capacity near Kawai, District Baran, Rajasthan. For this purpose Adani Enterprises Limited (AEL) has registered Adani Power Rajasthan Limited (APRL), as a subsidiary company to Adani Power Limited (APL). The site is approximately 120 km from Kota and 40 Kms from Baran.

The plant is covered in around 350 Ha. area. The possession of 350 Ha has been already given to APRL by Govt. of Rajasthan. The coal and water requirement of the plant is 5.6 MTPA and 34 MCM respectively.

Both imported and domestic coal is being used. Water is drawn through a dedicated pipeline from the PARWAN River located at a distance of about 15 km from plant.

2.3 LOCATIONS OF THE PLANT

State	Rajasthan
District	Baran
Villages	Kawai
Land type	Barren and Stony Waste Land
Geographical Co-ordinates	24° 46' 14.62" N & 76° 44' 28.60" E.



Location Map

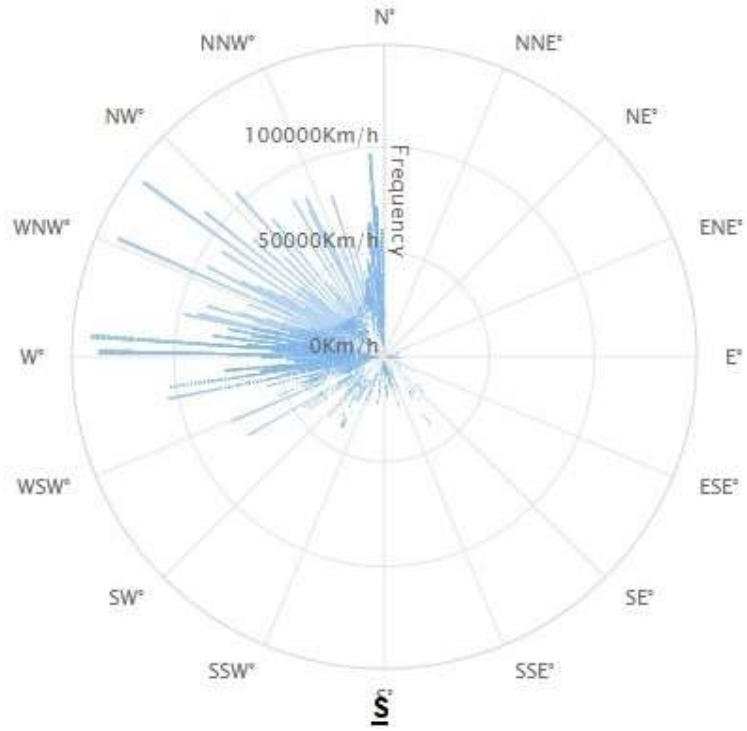
METEROLOGICAL DATA
AVERAGE DAILY METEROLOGICAL DATA OF APRIL -2022

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
01.04.2022	27	41	12	28.3	0
02.04.2022	23.3	42.2	9	39	0
03.04.2022	26.5	42.2	10.5	30.4	0
04.04.2022	24.1	42.3	8.3	35	0
05.04.2022	25	42.4	8	27.2	0
06.04.2022	25.2	43	9.1	28.6	0
07.04.2022	25.1	43.1	8.2	28.2	0
08.04.2022	25.2	44.3	7.1	28.1	0
09.04.2022	26	44.2	9.2	26.6	0
10.04.2022	30.2	44.2	10.1	24.1	0
11.04.2022	29.1	44	11.1	29.3	0
12.04.2022	30.5	42.1	12.1	28	0
13.04.2022	28.2	41.3	10	30.1	0
14.04.2022	28	42.1	13	25.2	0
15.04.2022	28	42.4	10.6	25.4	0
16.04.2022	29	43.3	10	35.2	0
17.04.2022	30.3	43.3	11.1	29.2	0
18.04.2022	31.1	44.2	11.3	26.5	0
19.04.2022	31	42.3	13.3	25.2	0
20.04.2022	31.2	43.4	10.1	22.2	0
21.04.2022	30	37.5	17.6	32.4	0
22.04.2022	25.1	41.4	14.2	44.2	0
23.04.2022	27	42.4	10	30.3	0
24.04.2022	26.2	42.5	10	27.1	0
25.04.2022	27.5	43.5	9	26.3	0
26.04.2022	26.2	45	14.2	44.2	0
27.04.2022	25	47	10	30.3	0
28.04.2022	29	45.5	10.1	28	0
29.04.2022	31.3	45.4	10	21.1	0
30.04.2022	29	43.6	13.2	29.2	0
Max.	31.3	47	17.6	44.2	0
Min.	23.3	37.5	7.1	21.1	

ADANI POWER RAJASTHAN LIMITED

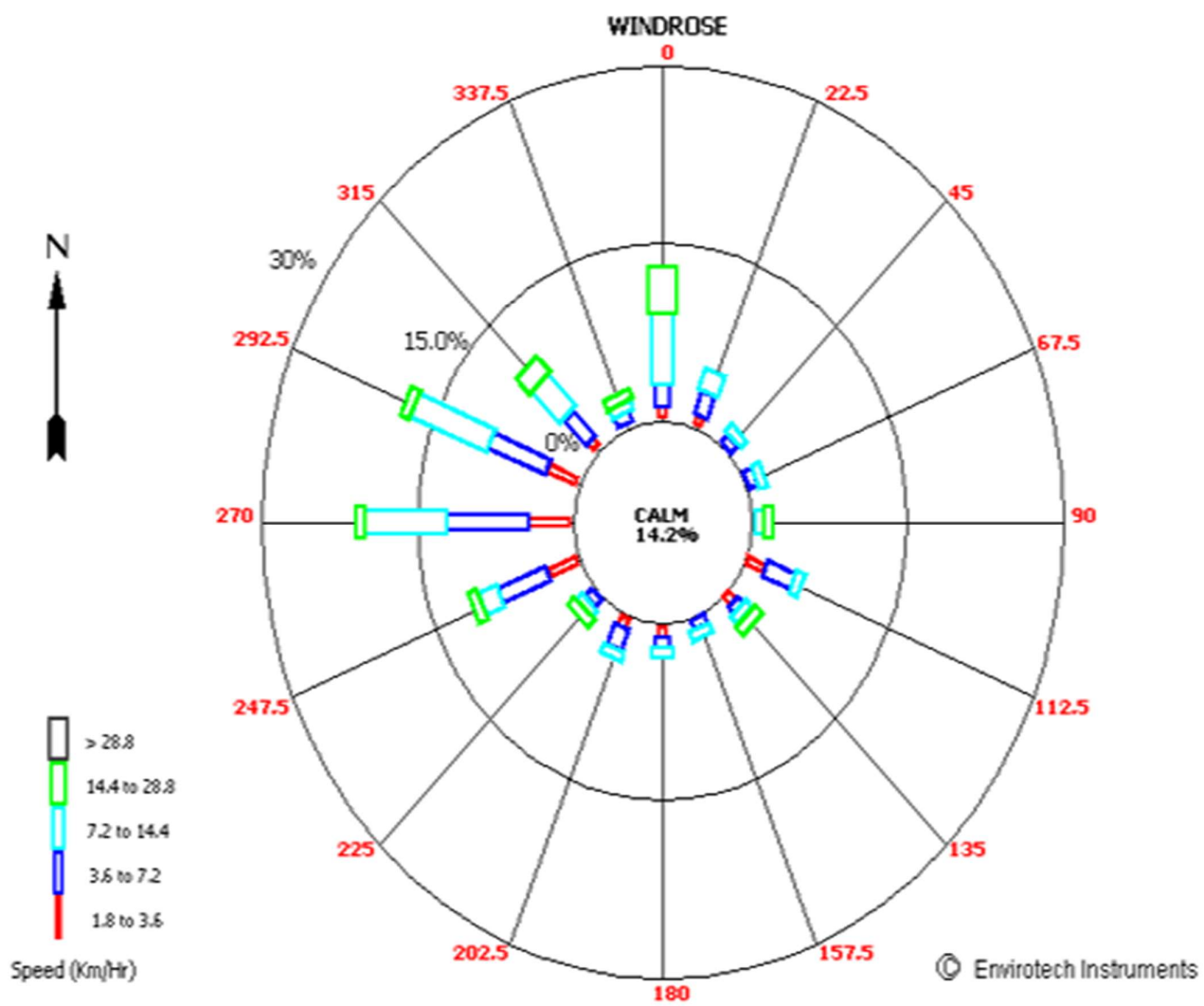
01.04.2022 to 30.04.2022

Wind Channel



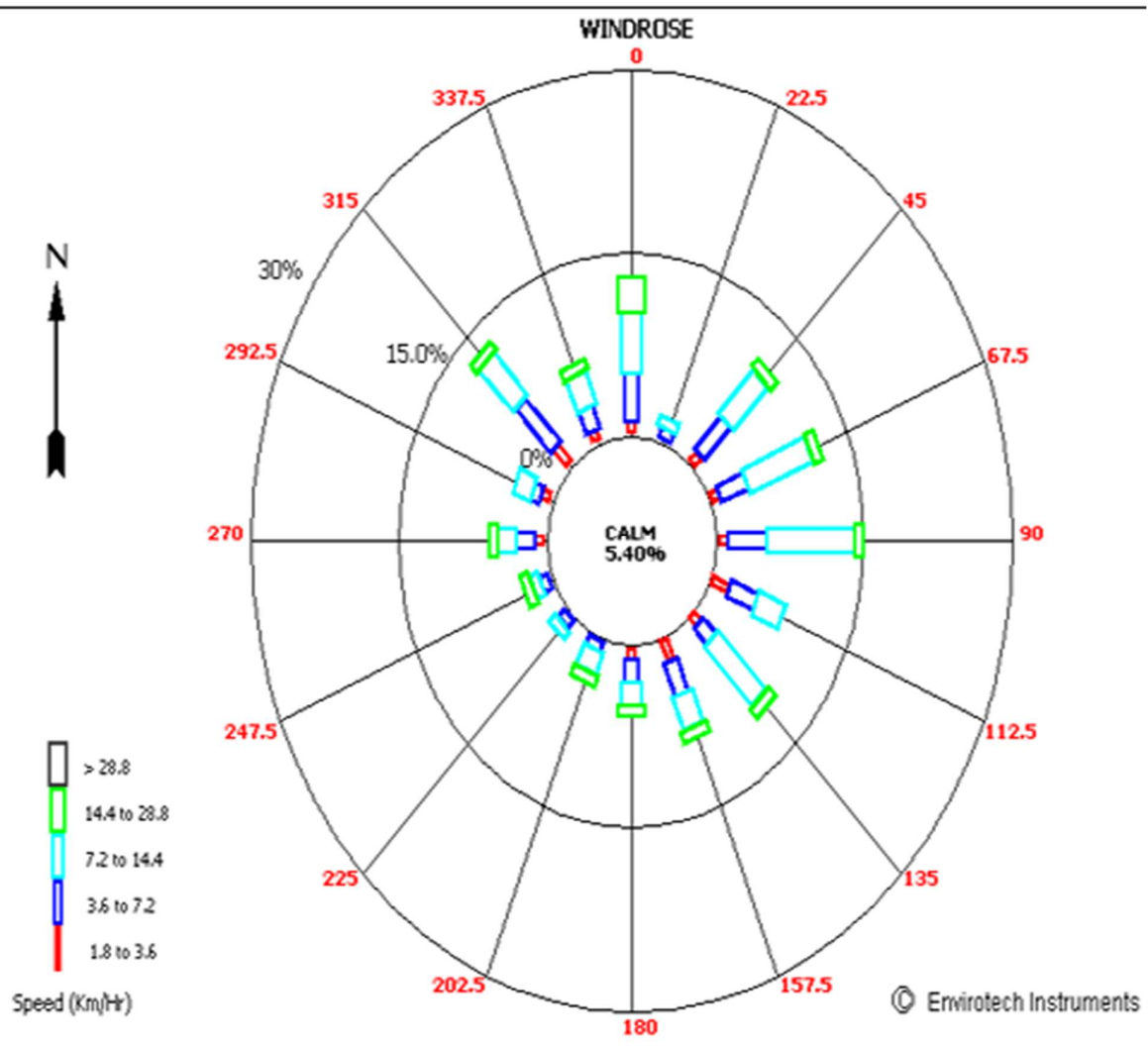
AVERAGE DAILY METEROLOGICAL DATA OF MAY -2022

Date	Temp		Relative Humidity		Rainfall
	Min	Max	Min	Max	Total
01.05.2022	33.0	45.4	13.0	43.3	0
02.05.2022	32.0	44.2	15.2	41.5	0
03.05.2022	32.2	43.3	14.2	29.3	0
04.05.2022	30.2	42.3	14.1	37.5	0
05.05.2022	29.6	42.4	14.1	42.5	0
06.05.2022	30.3	43.0	15.2	34.0	0
07.05.2022	23.3	44.0	20.3	51.6	0
08.05.2022	20.2	45.5	23.0	64.0	0
09.05.2022	20.0	45.4	11.0	77.3	0
10.05.2022	31.3	44.5	12.2	38.2	0
11.05.2022	31.5	45.5	11.0	34.3	0
12.05.2022	31.1	47.0	10.0	28.4	0
13.05.2022	32.1	47.2	9.1	22.2	0
14.05.2022	33.1	46.4	12.1	38.3	0
15.05.2022	33.3	45.3	14.2	45.3	0
16.05.2022	33.3	43.5	9.0	33.6	0
17.05.2022	31.1	44.2	11.6	27.5	0
18.05.2022	31.0	43.2	14.0	30.2	0
19.05.2022	32.0	46.0	11.0	30.0	0
20.05.2022	34.1	46.4	13.0	34.0	0
21.05.2022	33.3	42.6	16.1	45.3	0
22.05.2022	32.2	42.2	21.2	52.0	0
23.05.2022	25.4	39.1	32.4	81.0	12.5
24.05.2022	25.0	37.5	36.0	78.5	0
25.05.2022	28.1	41.0	21.1	57.2	0
26.05.2022	30.1	41.6	19.4	47.2	0
27.05.2022	28.0	40.6	23.2	51.3	0
28.05.2022	31.2	41.0	25.5	60.2	0
29.05.2022	31.2	42.0	24.5	57.0	0
30.05.2022	31.2	42.9	14.1	42.8	0
31.05.2022	32.0	43.6	15.3	45.4	0
Max.	34.1	47.2	36.0	81.0	12.5
Min.	20.0	37.5	9.0	22.2	



AVERAGE DAILY METEROLOGICAL DATA OF JUNE -2022

<i>Date</i>	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
01.06.2022	33.0	45.0	18.2	47.7	0
02.06.2022	34.0	46.0	24.5	57.0	0
03.06.2022	33.2	45.2	13.3	27.6	0
04.06.2022	34.0	46.0	14.1	42.8	0
05.06.2022	33.0	45.0	15.3	45.4	0
06.06.2022	36.0	47.0	12.1	38.3	0
07.06.2022	34.0	46.0	14.1	42.8	0
08.06.2022	34.0	45.0	16.3	46.4	0
09.06.2022	33.0	45.0	14.1	42.8	0
10.06.2022	34.0	46.0	15.3	45.4	0
11.06.2022	34.5	45.2	16.0	34.0	0
12.06.2022	30.1	37.5	16.0	34.0	0
13.06.2022	27.0	40.1	16.0	87.2	18
14.06.2022	30.0	43.0	22.4	69.0	0
15.06.2022	26.2	42.5	18.9	52.3	0
16.06.2022	28.1	38.1	40.2	86.3	23
17.06.2022	26.0	33.0	49.2	84.1	11.5
18.06.2022	26.2	38.3	37.0	91.1	0
19.06.2022	25.1	36.2	49.6	94.2	8
20.06.2022	25.9	37.2	50.1	86.9	10.5
21.06.2022	24.2	33.3	61.1	89.3	22.5
22.06.2022	26.2	35.5	50.0	89.1	0.5
23.06.2022	25.1	36.2	49.6	84.2	0
24.06.2022	27.3	40.1	23.3	77.3	0
25.06.2022	28.4	41.6	19.1	56.2	0
26.06.2022	31.2	41.6	23.3	53.0	0
27.06.2022	29.1	39.5	39.3	81.2	14.5
28.06.2022	24.2	33.3	61.1	89.3	0
29.06.2022	26.2	35.5	50.0	89.1	6
30.06.2022	25.1	36.2	49.6	84.2	106
Max.	36.0	47.0	61.1	94.2	220.5
Min.	24.2	33.0	12.1	27.6	



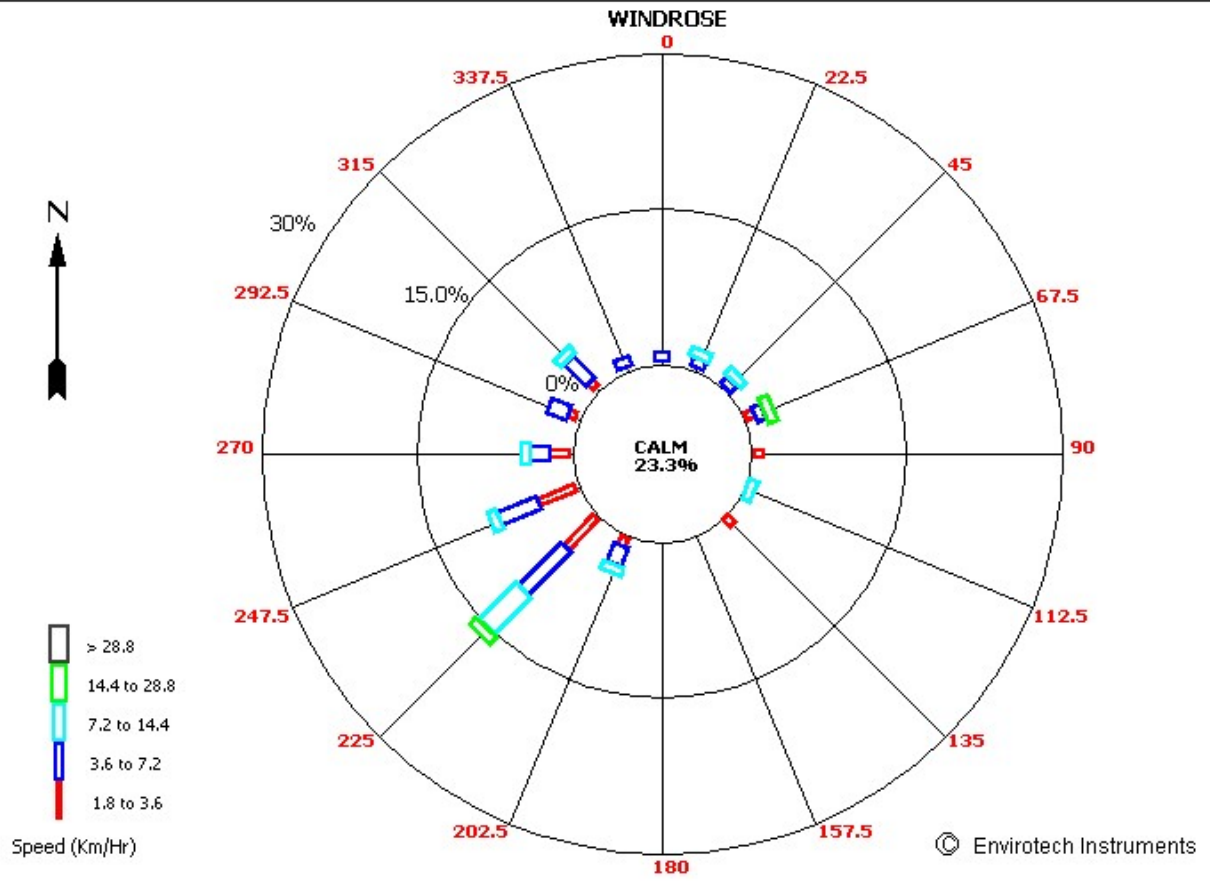
AVERAGE DAILY METEROLOGICAL DATA OF JULY -2022

<i>Date</i>	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
01.07.2022	28.4	41.6	19.1	56.2	0
02.07.2022	31.2	41.6	23.3	53.0	0
03.07.2022	29.1	39.5	39.3	81.2	7
04.07.2022	25.0	39.9	18.9	65.3	0
05.07.2022	25.9	37.2	50.1	86.9	34.5
06.07.2022	26.0	37.1	50.1	96.0	21
07.07.2022	22.0	40.0	40.1	97.0	53
08.07.2022	24.0	38.0	39.3	81.2	1.5
09.07.2022	27.1	32.0	71.3	91.1	0.5
10.07.2022	26.1	32.2	69.1	94.5	15
11.07.2022	27.0	34.1	63.1	96.1	10
12.07.2022	26.2	35.1	62.3	96.5	25.5
13.07.2022	24.0	35.0	63.1	96.1	19
14.07.2022	27.0	37.3	51.0	96.4	1
15.07.2022	27.1	38.1	61.5	97.1	35
16.07.2022	26.0	38.0	50.1	86.9	0
17.07.2022	27.0	32.0	50.1	96.0	0
18.07.2022	28.0	36.5	59.2	92.3	6.5
19.07.2022	28.0	36.0	60.1	95.6	0
20.07.2022	27.2	31.4	77.0	90.6	0
21.07.2022	27.0	37.0	59.4	95.3	32.5
22.07.2022	22.0	32.0	78.6	95.4	22
23.07.2022	26.0	31.1	78.0	97.6	7.5
24.07.2022	26.1	32.6	69.3	95.5	0
25.07.2022	26.0	28.4	86.2	97.5	6
26.07.2022	25.2	31.3	75.4	98.3	3
27.07.2022	26.2	32.6	67.3	93.3	24.5
28.07.2022	27.0	31.2	72.2	94.1	0
29.07.2022	26.0	31.1	73.5	95.0	19
30.07.2022	26.0	31.1	73.5	93.4	0
31.07.2022	26.0	31.1	78.0	97.6	0
Max.	31.2	41.6	86.2	98.3	344
Min.	22.0	28.4	18.9	53.0	

Time : 00:00 - 23:00
Date : 01/07/22 - 31/07/22

Set Title

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KAWAI



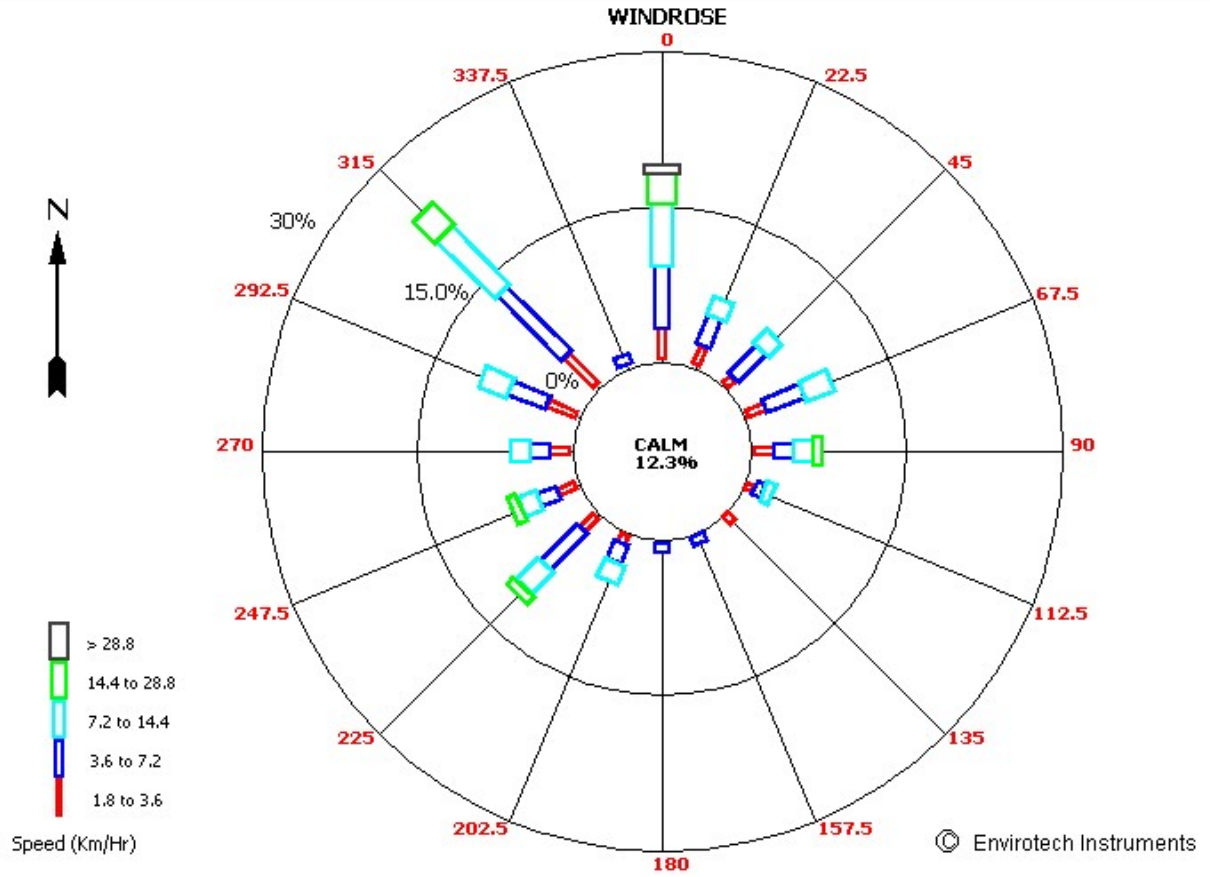
AVERAGE DAILY METEROLOGICAL DATA OF AUGUST- 2022

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
01.08.2022	26.1	33.0	64.0	97.2	0
02.08.2022	27.0	34.1	64.2	88.5	0
03.08.2022	26.0	34.1	64.3	94.6	35.5
04.08.2022	27.2	33.3	68.1	97.2	0
05.08.2022	27.0	31.3	74.0	94.4	26.5
06.08.2022	26.1	36.0	55.6	94.4	16.5
07.08.2022	27.0	32.3	73.1	93.0	0
08.08.2022	26.2	34.3	64.0	94.6	0
09.08.2022	28.0	35.2	62.0	92.6	0.5
10.08.2022	28.1	33.4	64.2	89.5	1
11.08.2022	26.2	31.1	78.1	98.3	11.5
12.08.2022	25.2	30.4	79.0	98.1	17.5
13.08.2022	26.0	32.3	70.0	94.6	3
14.08.2022	24.2	29.0	85.0	96.4	35.5
15.08.2022	25.0	32.2	68.0	98.4	27.5
16.08.2022	25.1	27.5	92.0	98.2	7.5
17.08.2022	25.2	32.1	68.0	98.4	0
18.08.2022	25.2	32.4	65.1	98.2	0
19.08.2022	26.1	32.5	63.1	93.1	0
20.08.2022	26.0	30.2	79.2	94.2	7.5
21.08.2022	24.0	29.0	87.1	98.3	50
22.08.2022	24.0	26.6	94.2	98.4	110.5
23.08.2022	25.1	29.5	77.1	98.3	1.5
24.08.2022	24.3	31.0	67.2	95.4	8
25.08.2022	24.0	30.3	71.2	98.2	13
26.08.2022	25.0	31.3	74.0	96.3	7.5
27.08.2022	26.0	33.3	59.1	95.3	0
28.08.2022	26.2	33.3	56.1	92.4	0
29.08.2022	26.1	33.5	57.0	88.3	0
30.08.2022	26.0	35.2	55.3	93.5	0
31.08.2022	27.1	36.2	53.2	94.1	0
Max.	28.1	36.2	94.2	98.4	380.5
Min.	24.0	26.6	53.2	88.3	

Time : 00:00 - 23:00
Date : 01/08/22 - 31/08/22

Set Title

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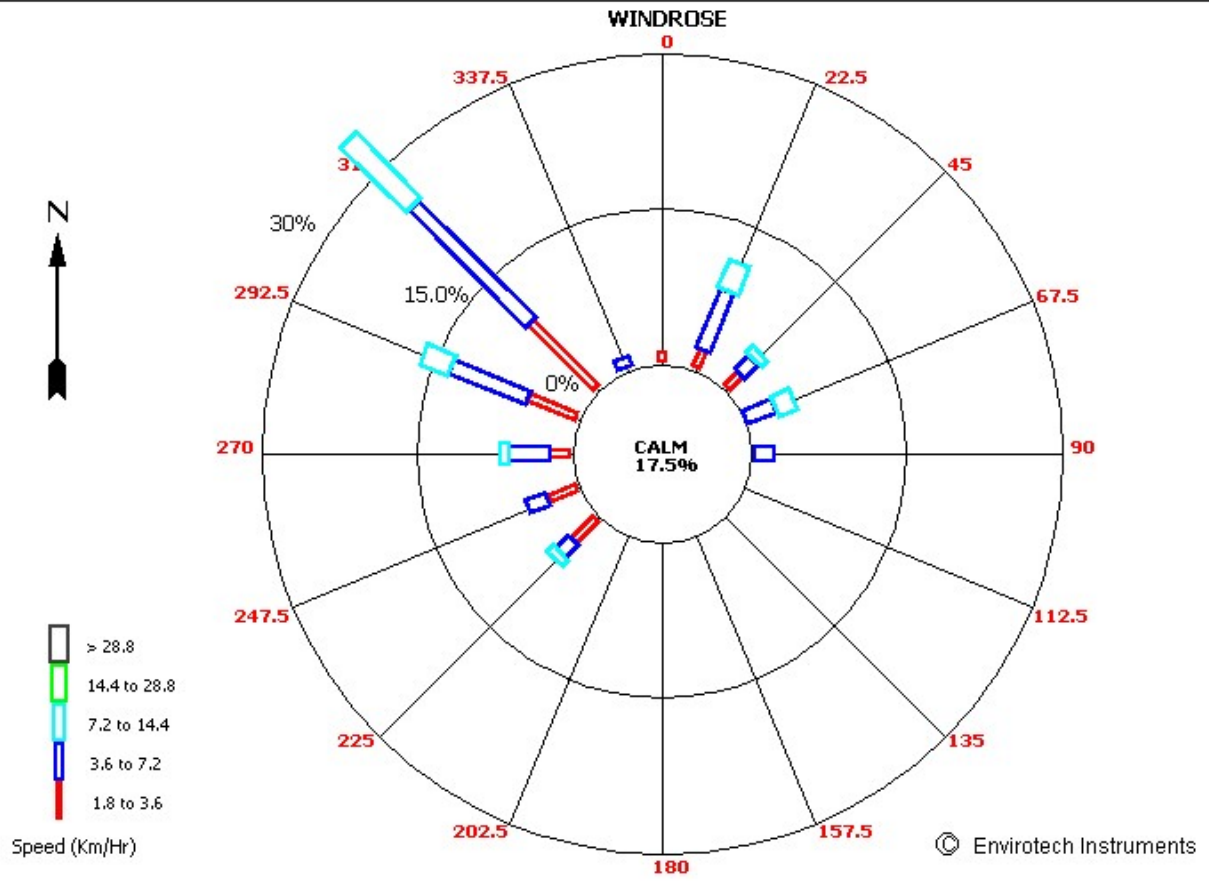
AVERAGE DAILY METEROLOGICAL DATA OF SEPTEMBER- 2022

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
01.09.2022	26.1	32.1	65.1	93.1	0.5
02.09.2022	27.0	35.1	59.0	92.3	0
03.09.2022	27.0	35.5	54.1	92.3	0
04.09.2022	28.0	35.1	57.2	89.3	0
05.09.2022	27.1	35.0	52.0	91.0	0
06.09.2022	26.0	35.3	51.0	88.0	0
07.09.2022	28.9	36.4	53.4	88.4	0
08.09.2022	24.3	36.4	46.3	95.4	0
09.09.2022	28.1	37.2	48.6	89.4	0
10.09.2022	26.0	36.3	56.2	95.3	37.5
11.09.2022	26.1	35.2	54.5	98.3	0
12.09.2022	27.1	34.0	58.5	91.2	0
13.09.2022	26.4	30.4	71.2	95.0	15.5
14.09.2022	25.1	28.3	90.0	98.4	53.5
15.09.2022	26.1	28.5	90.6	98.4	48
16.09.2022	26.0	33.6	63.4	98.3	11
17.09.2022	25.1	33.5	58.0	96.6	0
18.09.2022	25.0	34.3	51.3	92.4	0
19.09.2022	26.0	35.5	50.4	85.2	0
20.09.2022	26.1	33.5	58.0	87.2	0.5
21.09.2022	23.6	32.1	60.0	97.2	1
22.09.2022	25.0	27.6	90.1	98.2	32.5
23.09.2022	24.1	31.4	63.1	93.5	37.5
24.09.2022	25.0	32.0	65.0	97.4	0
25.09.2022	24.0	33.4	52.2	95.6	0
26.09.2022	24.5	34.1	54.0	92.1	0
27.09.2022	25.1	36.1	45.0	95.2	0
28.09.2022	25.3	36.0	41.1	94.5	0
29.09.2022	25.1	35.8	51.0	90.1	0
30.09.2022	26.0	36.3	38.1	88.3	0
Max.	28.9	37.2	90.6	98.4	
Min.	23.6	27.6	38.1	85.2	237.5

Time : 00:00 - 09:00
Date : 01/09/22 - 30/09/22

Set Title

ADANI POWER RAJ. LTD
KAWAI



4 AMBIENT AIR QUALITY

Air quality monitoring is carried out to assess the extent of pollution, ensure compliance with national legislation, evaluate control options, and provide data for air quality modeling. There are a number of different methods to measure any given pollutant, varying in complexity, reliability, and detail of data.

The locations for monitoring stations depend on the purpose of the monitoring. Most monitoring networks are designed with human health objectives in mind, and monitoring stations are therefore established in population centre.

The measurements were conducted during the period of April 2022 to September 2022.

The air samples were analyzed as per the standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring are given in table as below:

TABLE 4.1 TECHNICAL PROTOCOLS USED FOR AMBIENT AIR QUALITY MONITORING.

S. No.	Parameter	Protocol Followed
1	Particulate Matter, PM ₁₀ , µg/m ³	IS: 5182 (P-23)
2	Particulate Matter, PM _{2.5} , µg/m ³	CPCB Guidelines (Gravimetric Method)
3	Nitrogen Dioxide (NO ₂), µg/m ³	IS: 5182 (P-6)
4	Sulphur Dioxide (SO ₂), µg/m ³	IS: 5182 (P-2)
5	Carbon Monoxide, µg/m ³	IS: 5182 (P-10)
6	Ammonia, µg/m ³	CPCB Guidelines
7	Ozone, µg/m ³	APHA 1977, Part819
8	Lead, µg/m ³	IS: 5182 (P-22)
9	Arsenic, ng/m ³	IS: 5182 (P-22)
10	Nickel, ng/m ³	IS: 5182 (P-22)
11	Benzene, µg/m ³	IS: 5182 (P-11)
12	Benzo-alfa-pyrene, ng/m ³	CPCB Guidelines
13	Mercury (Hg), ng/m ³	APHA 2012 : 3112 B

4.1 AMBIENT AIR QUALITY RESULTS

The detailed on-site monitoring results of PM₁₀, PM_{2.5}, SO_x, NO_x and Hg are presented in table as given below:

TABLE 4.2: AMBIENT AIR QUALITY MONITORING RESULTS OF SURROUNDING VILLAGES

Quarter I (April-2022 to June-2022)					
S. No.	Parameter	Sidni (Near Labour Colony)	Kawai Village	Mukhandpura	NAAQ Standard
1	Particulate Matter, PM ₁₀ , µg/m ³	60.73	59.62	55.02	100
2	Particulate Matter, PM _{2.5} , µg/m ³	26.83	33.13	23.08	60
3	Nitrogen Dioxide (NO ₂), µg/m ³	11.87	12.35	10.66	80
4	Sulphur Dioxide (SO ₂), µg/m ³	5.58	3.91	4.49	80
5	Carbon Monoxide, µg/m ³	260	250	250	4000
6	Ammonia, µg/m ³	BDL (<10.0)	BDL (<10.0)	BDL (<10.0)	400
7	Ozone, µg/m ³	BDL(<20.0)	BDL(<20.0)	BDL(<20.0)	100
8	Lead, µg/m ³	0.07	0.10	0.07	1.0
9	Arsenic, ng/m ³	BDL (<2.0)	BDL (<2.0)	BDL (<2.0)	6.0
10	Nickel, ng/m ³	4.9	10.5	3.7	20
11	Benzene, µg/m ³	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	5.0
12	Benzo-alfa-pyrene, ng/m ³	BDL (<0.5)	BDL (<0.5)	BDL (<0.5)	1.0
13	Mercury (Hg), ng/m ³	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	-

Quarter II (July-2022 to September-2022)					
S. No.	Parameter	Sidni (Near Labour Colony)	Kawai Village	Mukundpura	NAAQ Standard
1	Particulate Matter, PM ₁₀ , µg/m ³	66.55	50.46	54.64	100
2	Particulate Matter, PM _{2.5} , µg/m ³	28.31	28.37	26.45	60
3	Nitrogen Dioxide (NO ₂), µg/m ³	13.17	13.1	12.95	80
4	Sulphur Dioxide (SO ₂), µg/m ³	12.18	5.27	7.54	80
5	Carbon Monoxide, µg/m ³	250	250	230	4000
6	Ammonia, µg/m ³	BDL (<10.0)	BDL (<10.0)	BDL (<10.0)	400
7	Ozone, µg/m ³	21.6	22.5	23.6	100
8	Lead, µg/m ³	0.06	0.06	0.06	1.0
9	Arsenic, ng/m ³	BDL (<2.0)	BDL (<2.0)	BDL (<2.0)	6.0
10	Nickel, ng/m ³	5.0	4.0	4.6	20
11	Benzene, µg/m ³	BDL (<1.0)	BDL (<1.0)	BDL (<1.0)	5.0
12	Benzo-alfa-pyrene, ng/m ³	BDL (<0.5)	BDL (<0.5)	BDL (<0.5)	1.0
13	Mercury (Hg), ng/m ³	BDL(<1.0)	BDL(<1.0)	BDL(<1.0)	-

5 AMBIENT NOISE LEVEL

The measurements are done using the sound level meter. The results of the same are provided as below. [Note: (i) The value is the Leq of ten readings taken in Day time and Night time.]

1. Day time shall mean from 6:00 am to 10:00 pm
2. Night time shall mean from 10:00 pm to 6:00 am.

TABLE 5.1: NOISE MONITORING RESULTS [RESIDENTIAL AREA]

Quarter I (April- 2022 to June- 2022)		
Location	Day Time Leq in dB(A)	Night Time Leq in dB(A)
Sidni (Near Labour Colony)	49.5	41.1
Kawai Village	52.5	43.1
Mukhandpura	52.5	42.4

Quarter II (July -2022 to September- 2022)		
Location	Day Time Leq in dB(A)	Night Time Leq in dB(A)
Sidni (Near Labour Colony)	50.5	40.7
Kawai Village	53.8	43.5
Mukhandpura	51.4	40.9

6 STP WATER

The measurements were conducted during the period of April 2022 to September 2022. The parameters covered in the monitoring are depict below:

TABLE 6.1: RESULTS OF STP WATER

Quarter I (April-2022 to June-2022)								
S. No.	Parameter	45 KLD Adani Vidhayala New	45 KLD STP near Adani Vidhayala (Old)	60 KLD Township New	10KLD III Guest House	10KLD 3 BHK	60KLD STP in Township (Old)	10KLD Health centre
1	pH (at 25 °C)	7.36	7.24	7.75	7.21	7.07	7.02	7.95
2	Total Suspended Solid (TSS) mg/l	28	14	57	21	9	28	11
3	Nitrate Nitrogen mg/l	8.13	8.03	8.75	7.85	7.12	8.23	8.49
4	Ammonical Nitrogen (as NH ₃ -N) mg/l	9.71	9.42	9.74	8.42	4.76	6.56	9.16
5	Biochemical Oxygen Demand (BOD) mg/l	17.33	15.67	12.33	11.33	4.29	8	13.33
6	Chemical Oxygen Demand (COD) mg/l	130.56	146.88	104.45	97.92	22.85	58.75	130.56
7	Total Kjeldahl Nitrogen mg/l	23.74	25.74	21.77	22.72	12.95	14.82	19.42
8	Oil & Grease mg/l	5	5	4	4	2	3	5
9	Free Available Chlorine mg/l	0.2	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)
10	Bioassay Test	90% Survival of Fish after 96 hours in 100% effluent	90% Survival of Fish after 96 hours in 100% effluent	90% Survival of Fish after 96 hours in 100% effluent	90% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	90% Survival of Fish after 96 hours in 100% effluent

Quarter II (July- 2022 to September- 2022)								
S. No.	Parameter	45 KLD Adani Vidhayala New	45 KLD STP near Adani Vidhayala (Old)	60 KLD Township New	10KLD III Guest House	10KLD 3 BHK	60KLD STP in Township (Old)	10KLD Health Centre
1	pH (at 25°C)	7.04	7.07	7.29	7.12	7.13	7.21	7.05
2	Total Suspended Solid (TSS) mg/l	36	22	48	9	19	35	20
3	Nitrate Nitrogen mg/l	7.01	7.15	7.20	4.34	5.09	4.75	6.46
4	Ammonical Nitrogen (as NH ₃ -N) mg/l	12.43	7.46	7.68	7.89	8.16	7.75	8.12
5	Biochemical Oxygen Demand (BOD) mg/l	18.67	9.33	10.67	7.25	8.83	8.25	9.17
6	Chemical Oxygen Demand (COD) mg/l	155.52	72.58	82.94	41.47	62.21	65.66	79.49
7	Total Kjeldahl Nitrogen mg/l	34.67	19.83	33.06	17.41	21.93	19.56	21.50
8	Oil & Grease mg/l	5	3	4	3	3	3	3
9	Free Available Chlorine mg/l	BDL (<0.1)	BDL (<0.1)	BDL(<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)	BDL (<0.1)
10	Bioassay Test	90% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent





Corporate Social Responsibility

Six-month Report (April 2022- September 2022)

Adani Power Rajasthan Limited, Kawai

Overview of Kawai Site

At present we are working in 28 villages, 14 Gram Panchayats, 1 Block of district Baran.
8,475 household, 42,834 population , 32 Schools, 45 Aanganwadi's, 1 District Hospital, 2 CHC, and 2 PHC.

Cluster details: All 28 village divided in to 4 clusters.

Cluster One (Core Zone)

- Chatrapura
- Baldevpura
- Dhara
- Nimoda
- Khedligaddiyan
- Salpura
- Kawai
- Mukundpura

Cluster Two (Pipe Line Zone)

- Sodalehri
- Kharkhada
Ramlothan
- Dadwara
- Bamori
- Choithya
- Mytha
- Hatidilod
- Phoollbaroda
- Zarkhand

Cluster Three (Anicut Area)

- Atru
- Aton
- Baldevpura
(anicut)
- Kunjer

Cluster Four (Buffer Zone)

- Aamapura
- Bamapura
- Lolahedi
- Sindhani
- Haniheda
- Barla
- Khedli bansla

Education

JNV coaching classes:

- This Year 6 students have been selected at JNV, Baran.
- At APRL we conduct a small event invite to selected students and parents; Senior management of APRL interacted with students.
- Parents organize an event and share their feedback and shown gratitude towards Adani foundation.

UDAAN:

- UDAAN resume at Kawai; Head O&M, Head Safety, Admin. Head and CSR head inaugurate the session and interact with participants.
- schools are register them self thru web portal and smooth functioning online system.
- 20 exposure visits conducted with 1054 participants.

Sports training and competition:

- State government initiate a program "RAJIV GANDHI RURAL OLYMPIC" for encourage sports habit among rural youth and provide platform to rural talent.
- We supported to GP Kawai and Block level tournament under RAJIV GANDHI RURAL OLYMPIC GAMES.

Safety park inauguration at JNV Atru:

- On 24th May 2022; Adani power COO Shri Jaydeb Nanda inaugurate Safety park and handover to JNV.
- Students of 12th class visit to Safety park; COO sir interact with students and share insights of Adani Safety culture.

Education



JNV students @Adani



Parents recognize to Adani



UDAAN @Auditorium



UDAAN- Group picture



UDAAN @Safety park



Rural Olympic games



Inauguration of Safety park



Group photo @Safety park

Education (Success story: JNV selected students)

- JNV Coaching Classes:
 - It is pleasure movement to share that @Kawai under program JNV Coaching classes 2021-22, Total 6 children got selected in Jawahar Navodaya Selection Test from marginalized section of APRL vicinity.
 - At JNV Atru has total 80 seats in class six and which are filled with national level selection test called "JNVST" and all 80 seats divided into 8 blocks of Baran district. Seats allocation is based on reservation policy of JNV around 9 to 10 seats allotted to Atru block. For JNVST approx. 15000 children attempt the selection test where our coaching students secure 6 seats.
 - Parents and school invite us and showing Gratitude in a program as arranged at Govt. Sr. sec. school Kawai. Parents share their feedback towards coaching facilities and recognize the efforts of Adani foundation people feel secure because their children now will take Quality education with most renowned institute of Govt. of India. Students emotionally share their 6-month coaching experience where they learn and enjoy the tenure.



Mahesh-
Haniheda



Lavesh
K.Ramlothan



Hemant- Kawai



Khushi- Kawai



Sneha- Kawai



Anika- Kawai

Adani Vidyalaya, Kawai

➤ Academic activities:

- Adani Vidyalaya start new session 2022-23 with Saraswati pooja and welcome to students.
- Planning to organize various Olympiads in school for all students.
- Music classes were arranged for learning prayers and song on patriotism.
- Installed many indoor and outdoor equipment for Games and physical activity.
- Children participated in SOF exam and passed with flying colors. They were awarded with certificate of excellence.
- Parents Teachers Meeting conducted. PA-2 papers were shown to the parents.

➤ Event celebration and extracurricular activities @ AVK:

- All National days, Occasion and Festivals celebrated @AVK like- Gandhi Jayanti, Vijayadashami, Diwali, Mathematics day, Guru purnima, Netaji Subhash Chandra Bose Week, Basant Panchami, National science day,
- World Health Day was celebrated in the school on April 7, 2022- A medical camp was organized for dental, eye and weight check-up of the students.
- An educative and interactive workshop on 'Good Touch and Bad Touch' was organized by AVK for safety and awareness of children as well as parents.
- Students made posters for National Fire Service day and winners were awarded.
- Celebration of World Environment day: Various competition and a rally was organized by students for spreading awareness on the environment Day.
- Fathers' day celebrated at AVK: A fireless cooking competition was organized where children and their fathers bonded over cooking activity.
- International Yoga day celebrated by AVK and arrange a Yoga session for all students.
- Orientation program conducted; wherein all the parents and teachers of respective classes gathered and discussed about smooth functioning of our academics and Non-academic.
- Rakhi making competition was conducted, and wonderful creations were witnessed.
- Shri Krishna-Jansthami celebrated- Pot making activity was conducted with active participation.
- Parents Teachers Meeting conducted. PA-2 papers were shown to the parents.

➤ Trainings and Learning activities for teachers:

- Training session: organized a training on the topic- "Ownership and Accountability" for all staff members of AVK.
- English communication workshop was conducted by one of the staff member .
- Effective Communication session arranged for our teachers.

Adani Vidyalaya, Kawai



Session starts with Poojan



Certificate to students



Int. Yoga day celebration



Medical chekup @AVK



Environment day Rally



Workshop- Good-Bad touch



Independence day celebration



Parents-Teachers meeting

Community Health

➤ Mobile health care unit:-

- ❖ MHCU covered 28 villages in a week and provide doorstep health facilities to community.

Month	Village OPD				Other services				
	Male	Female	Children	Total	School & other camp	Blood sugar testing	Referred cases	Home visits	Awareness session
April	1007	907	453	2367	14	00	1	3	1
May	1012	936	491	2439	6	12	0	1	2
June	997	940	591	2528	6	18	0	4	5
July	1682	1274	577	3533	14	13	1	4	10
August	1603	1286	602	3491	10	15	0	4	9
September	1613	1492	543	3648	10	30	1	5	6
Total	7914	6835	3257	18006	60	88	3	21	33

➤ Other Health initiatives:-

- ❖ Blood donation awareness session organized at Seendhani & Aamapura village on "World Blood Donor Day- 14th June.
- ❖ Conduct the Awareness session about Breast feeding on the occasion of "World Breast feeding Week" at two different location of Salpura village.
- ❖ Conduct the O2-awareness session about how to care heart at the occasion of "World Heart Day" at two location Kharkhada and Aton site.

Community Health



MHCU ongoing service



Home visit by MHCU



ECG test @MHCU



Awareness session



Awareness session



Home visit by MHCU



School health camp



Awareness session

Community Health (Case Study)

Case Study

- Name - Kasturi Bai
- Age - 78 years
- Site Name – Amapura



Kasturi Bai suffering from Breathlessness/Asthma she is regular beneficiary of our MHCU from more than three years. She comes to our site regularly for the medicines and check-up.

When something 3 years ago she started to come. MHCU team found that she is suffering from Breathlessness/Asthma after the examination doctor prescribed her the regular medicines.

She informed that three years back she came to know about our MHCU free of cost treatment and she came to the site and told her health issues to the doctor and the MHCU team briefed her about the services rendered by the Mobile Healthcare Unit. The cordial attitude shown by the staff, she felt comfortable and also shared her all the problems to the MHCU staff and was treated by the Medical Consultant with suitable treatment compliance including free medicines, counselling and regular health check-up. After availing regular treatment now she felt improvement and got relief in her health condition. Also she is able to save some money and time which she uses to spend on her treatment from the Private clinic.

She is very happy and satisfied with MHCU treatment.

She is very thankful to Adani Foundation.

Conclusion-This MHCU service has been very successful in reaching out to a section of the underprivileged that reside at Amapura.

Community Health (Case Study)

Case Study

- Name – Shanti Bai
- Age - 70 years
- Site name- Nimoda.



Shanti Bai suffering from hypertension, Gastritis and weakness. Shanti Bai is regular beneficiary of our MHCU from more than six years. She comes to our site regularly for the medicines and BP check-up.

When this month she came MHCU team found that her B.P. was on the higher side as she was not taking her medicines regularly. After the examination MHCU doctor prescribed her the regular B.P. medicines along with the iron tablets so that weakness can be recovered.

She informed that six years back she came to know about our MHCU free of cost treatment and she came to the MHCU site and told her health issues to the MHCU doctor and the team briefed her about the services rendered by the Mobile Healthcare Unit. The cordial attitude shown by the MHCU staff, she felt comfortable and also shared all her problems with the MHCU staff and was treated by the Medical Consultant with suitable treatment and compliance including free medicines, counselling and regular health check-up. After availing regular treatment she felt improvement and got relief in her health condition. Also, she was able to save the money which she used to spend on her treatment from the private clinic at Atru.

She is very happy and satisfied with MHCU treatment.

She is very thankful to Adani Foundation and HelpAge India as she felt there is someone who is looking after her.

Conclusion-This MHCU service has been very successful in reaching out to a section of the underprivileged that reside at Nimoda.

Community Health (Case Study)

Case Study

- Name – Mr. Chhagan Lal
- Age - 72 years
- Site name- Kunjer.



Mr. Chhagan Lal suffering from Asthama he is regular beneficiary of our MHCU from three year. He comes to our site regularly for the medicines and check-up.

When something 3 year ago he started to come. MHCU team find that he is suffering form Asthama after the examination doctor prescribed her the regular medicines.

He informed that three year back he came to knew about our MHCU free of cost treatment and he come to MHCU site and told her health issues to the doctor and the team briefed her about the services rendered by Mobile Healthcare Unit. The cordial attitude shown by the MHCU staff, she felt comfortable and also shared her all the problems to the MHCU staff and treated by the Medical Consultant with suitable treatment compliance including free medicines, counselling and regular health check-up. After availing regular treatment now, he felt improvement and got relief in her health condition. Also he able to save some money which she use to spent on her treatment from the Private clinic.

He is very happy and satisfied with MHCU treatment. He is very thankful to Adani Foundation.

Conclusion-This MHCU service has been very successful in reaching out to a section of the underprivileged that reside at Kunjer.

Sustainable Livelihood

PASHUDHAN: –

We are implementing cattle breed improvement programme since 2017 in 27 villages.

- ❖ 348 Cattle covered thru Artificial insemination in 1st six month, 2022-23.
- ❖ 253 new calf born in 1st six month, 2022-23.
- ❖ 234 cattle found pregnant 1st six month, 2022-23.
- ❖ LAMPI vaccination to 100 cattle with support of Govt. department.
- ❖ Feed supplementary provided to 164 farmers.
- ❖ Fodder demonstration cutting started– Green fodder will be available for next 4 months to 150 farmers.

Sr. No.	Particular	Achievement till September 2021
1	Artificial Insemination	3837
2	Pregnant	2011
3	Calves	1376
4	Vaccination	7958



Sustainable Livelihood

KRISHI KOUSHAL: -

- Agriculture seed distribution to 10 farmers for Kharif crop.
- Conduct farmers training for improved agriculture practices and motivates to use of Neno Urea.
- Total 90 farmers participated and provide Neno Urea to 50 farmers.
- Orchard development program:
 - ❖ Under orchard development program- Mango and Chikoo fruiting started. During field visit its confirmed that 10 farmers earning Rs. 3000 to 5000.
 - ❖ 2950 fruit plantation distributed to farmers for development 10 new wadi.
 - ❖ Fertilizer distributed along with plants for better yield of orchard.

Institution Building –

- Training organized for FPO members, Chartered Accountant explain procedure and solve queries about functioning of FPO.
- Inauguration of Milk collection center by divine hand of COO Sh. Jaydeb Nanda sir on 25th May.
- Community contribution of Rs. 3,99, 970/- Cheque handover to FPO and conduct meeting of Board of directors.
- FSSAI License under process for regularize FPO activities.
- Independence day- AAZADI KA AMRATMHOTSAV celebrated at Nimoda center by FPO- Hadoti Pragatisheel Producer Company Ltd.
- Approx. 400-liter milk collection every day from 6 milk collection center villages.
- Organize exposure visit at Adani Wilmar for Board of Directors of FPO.
- Bank account open for all Board of Directors for smooth and transparent transactions under FPO.

Sustainable Livelihood



Training for FPO members



Fruit plant distribution



Inauguration of Milk center



Milk collection center



Monthly village level meeting



Independence day @FPO



Exposure @Adani wilmar



Farmers training

Blood donation drive

- 24th June the auspicious occasion celebrated at Kawai as every year.
- Total 684 blood unit collected voluntarily; 4 agencies involve in this blood donation drive.
- District collector, CMHO Baran and block CMHO visited and inaugurate the blood donation drive at APRL.
- District collector appreciate the effort of Adani foundation and do the plantation at Shantigram township.
- All Adanian, partner organization and some nearby community people also participate for this successful event.

Budget V/s Actual Half Yearly FY 2022-2023

Sr No	Activities	Cost Centre	Internal Order	Proposed Budget F.Y.2022-23			Expenses for Half Year - 2022 (in Lacks)	% of utilization	Remarks
				Capex	Opex	Total			
A.	General Management and Administration	35004401		16.50	32.47	48.97	13.89	14.14%	
B.	Education	35004000		0.00	20.60	20.60	4.50	21.84%	
C.	Community Health	35004101		0.00	93.18	93.18	49.52	53.14%	
D.	Sustainable Livelihood Development	35004301		0.00	66.44	66.44	24.63	37.07%	
E.	Community Infrastructure Development	35004201		0.00	54.66	54.66	1.94	3.55%	
	Total Budget:			16.50	267.35	283.85	94.48	33.29%	

Blood donation drive



Awareness rally @APRL



Awareness rally @Township



District collector visit @Health center



Blood donation camp inauguration



Blood donation



Group photo @ Blood donation drive

adani

Growth
with
Goodness



Thank You