

No. GMR/GCEL/MoEF & CC/2018-19/ 77

Dated: 10/12/2018

The Additional Principal Chief Conservator of Forests,  
Ministry of Environment, Forest & climate change,  
Regional Office (West Central Zone),  
Ground Floor, Est Wing,  
"New Secretary Building",  
Civil Line, Nagpur - 440001

Sub.: Six Monthly Compliance status report of Environmental Clearance for our 2 X 625 MW  
TPP at Village-Raikheda, Block-Tilda, District - Raipur (C.G.)

- Ref.: 1. Environmental clearance (EC) letter no. J-13012/62/2008-IA.II (T) GOI, MOEF,  
Dated 9<sup>th</sup> May, 2011
2. EC amendment letter dated 13/06/2013.
3. EC amendment letter dated 18/11/2014
4. EC amendment letter dated 04/02/2015
5. EC amendment letter dated 09/12/2015

Dear Sir,

With reference to the above, we are submitting herewith six monthly environment clearance compliance status report for the period from June 2018 to Nov 2018 as annexed herewith. The list of annexure is given below.

**List of annexure**

01	Annexure - I	Half yearly EC compliance status report
02	Annexure - II	Hg Monitoring report
03	Annexure - III	Half yearly report of CSR activities
04	Annexure - IV	Time bound implementation / Expenditure status of CSR

Hope you will find the above in order.

Thanking You

Yours faithfully,

For GMR Chhattisgarh Energy Limited



Authorized Signatory



CC to :

1. The Zonal Officer,  
Zonal Office CPCB (MoEF Govt. of India),  
Sahkar Bhavan, North TT Nagar,  
Infront of Rang Mahal,  
Bhopal – 462016, Madhya Pradesh
2. The Member Secretary,  
Chhattisgarh Environment Conservation Board,  
Chhattisgarh Housing Board Colony, Kabir Nagar,  
Raipur- 492001, Chhattisgarh
3. The Regional Officer,  
Regional Office ,  
Chhattisgarh Environment Conservation Board,  
Tatibandh, Raipur- 492001, Chhattisgarh

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**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

Half yearly EC compliance Status of 1370 (2*685) MW Thermal Power Plant		
Environmental Clearance Letter No. and dated		J-13012/62/2008-IA.II (T), MoEF GOI 9 <sup>th</sup> May 2011 (amendments dated 13/06/13, 18/11/14, 04/02/15, 09/12/2015 )
Date		01/12/2018
SN	Condition	Compliance Status
<b>A - Specific Condition</b>		
i	Vision document specifying prospective plan for the site shall be formulated and submitted to the Ministry within six months	Latest vision document specifying prospective plan for site has been submitted vide our letter no. GMR/CTPP/MOEF/2014-15/121 dated 28/11/2014.
ii	In case source of fuel supply now proposed to be run on imported coal from South Africa for running the power plant is proposed to be changed to domestic coal at a later stage, the project proponent shall apply for such a change in environmental clearance along with necessary documents as required under EIA notification, 2006 (and its amendments). In such a case the necessity for holding public hearing again or otherwise will be determined by the Ministry in consultation with the Expert Appraisal Committee (Thermal Power).	Amended EC has already been issued by MoEF &CC vide letter no. J-13012/62/2008-IA.II (T) dated 9 <sup>th</sup> December 2015.
iii	Provision for installation of FGD shall be provided for future use.	Complied, Space provision for FGD has been made.
iv	Stack of 275 m height shall be installed and provided with continuous online monitoring equipment for SO <sub>x</sub> , NO <sub>x</sub> and PM <sub>2.5</sub> & PM <sub>10</sub> . Exit velocity of flue gases shall not be less than 22 m/sec. Mercury emissions from stack may also	Stack Height is 275m. On-line continuous emission monitoring system (CEMS) has been installed with exit velocity of 25m/sec. Monitoring of Hg in stack emission has also been

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**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

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	monitored on periodic basis.	done by authorized vendor. The report of the last Hg monitoring is attached herewith as <b>Annexure II</b>
v	High Efficiency Electrostatic Precipitators (ESPs) shall be installed followed by installation of Bag Filter and it shall be ensured that particulate emission does not exceed 50 mg/Nm <sup>3</sup> .	High efficiency ESP is installed i.e. 99.95% ensuring emission level not to exceed 50 mg/Nm <sup>3</sup> . An amendment has been obtained from MoEF on this condition for installation of ESP alone. Letter to MOEF bearing No. J-13012/62/2008-IA.II (T) GOI, MOEF dated 13/06/2013 may please be referred in this regard. Copy of letter has already been submitted to your good office vide our letter no. GMR/CTPP/MOEF/2014-15/121 dated 28/11/2014.
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.	Dust extraction system has been installed in coal crusher, AHP & coal bunker. Dust suppression system through dry fog method has been installed in coal conveyor transfer point & water spray system in coal yard has also been installed for dust suppression.
vii	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5 % and 34 % respectively at any given time. In case of variation of coal quality at any point of time fresh reference shall be made to MOEF for suitable amendments to environmental clearance condition wherever necessary.	The stipulated conditions for sulphur & ash contents has been changed from 0.5 % and 34% to 0.7 % and 34% respectively as per the letter issued by MOEF vide no. No. J-13012/62/2008-IA.II (T) GOI, MOEF dated 13/06/2013. The same is being complied.
viii	Transport of coal to the plant site shall be strictly by rail. The project proponent shall therefore	Complied

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**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

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	immediately take up the matter with the Railways. Status of implementation shall be submitted to the Regional Office of the Ministry from time to time.	
ix	Existing de-generated water bodies (if any) within 5.0 Km of the site shall be regenerated at the project proponent's expenses in consultation with the state govt.	There is no existing de-generated water body within 5.0 Km of the site.
x	The proponent shall sponsor a detailed study regarding water availability in Mahanadi River for all competing sources such as drinking, agriculture, industrial, minimum flow of water in the river during the lean season etc. through institutions like IIT, Delhi/IIT, and Roorkee. The draft terms of reference shall be submitted within three months which shall be finalized by the Expert Appraisal Committee. The preliminary report on the above study shall be submitted within one year.	Complied. Draft TOR has been submitted vide our letter no. GMR/CTPP/2015-16/88, dated 08/07/2015.
xi	The project proponent shall undertake proactive water harvesting measures and water storage for a larger period not less than 30 days storage shall be developed. The rain water harvesting system shall be put in place before commissioning of the plant. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology/design within a period of three months from the date of this clearance and details shall be furnished. The design of rain water harvesting shall comprise of rain water collection from the built up and open area in the plant premises. Action plan and road map for implementation shall be submitted to the Ministry within six months.	CGWA has been consulted for finalization of rainwater harvesting technology/design. CGWA has approved our proposed rain water harvesting design vide letter no. 21-4(118)/NCCR/CGWA/2011-1840 dated 14.12.2011. Copy of approval letter is already submitted to your good office vide our letter No. GMR/CTPP/MOEF/2012-13/269 dated 13/06/2012. Construction of rain water harvesting ponds completed.
xii	Hydrogeology in and around the project area shall be reviewed annually from an institute/	The hydrogeology study report has been already submitted to your good

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**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
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	organization of repute to assess impact of surface water and ground regime (especially around ash dyke). In case and deterioration is observed specific mitigation measures shall be undertaken and reports/ data of water quality monitored regularly and maintained shall be submitted to the Regional Office of the Ministry.	office vide our letter No. GMR/GCEL/MOEF/2016-17/130 dated 26/11/2016. For the current year also the study has been conducted and report awaited and we shall submit it immediately after we receive the same.
xiii	No ground water shall be extracted for use in operation of the power plant even in lean season.	Complied.
xiv	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.
xv	Water requirement shall be optimized to around 32 MCM and shall accordingly adopt higher COC of at least not less than 5.0.	Being complied.
xvi	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.	Being complied.
xvii	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 affected due to the project	Six nos. piezometers constructed around periphery of the plant and ash pond. Photograph of piezometers have been submitted to your good office vide our letter No. GMR/CTPP/MOEF/2012-13/269 dated 13/06/2012. Seasonal monitoring of ground water level and quality is being done and monitored data being submitted to the MOEF/CPCB/CECB regularly.
xviii	Monitoring surface water quality in the region shall also be regularly conducted and records maintained. The monitored data shall be	Seasonal monitoring of Surface water is being done. The monitored data being submitted to MOEF, CPCB &

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**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
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	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.	CECB regularly.
xix	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Complied.
xx	The project proponent shall undertake measures and ensure that no fugitive fly ash emissions take place at any point of time.	Being complied.
xxi	Utilization of 100% Fly Ash generated shall be made from 4th year of operation. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Generated fly ash is being supplied to nearest cement industry and brick manufacturer. Being complied as per Notification.
xxii	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed of in the ash pond in the form of slurry form. 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.	So far as disposal of fly ash is concerned, it is being complied with. For monitoring of heavy metal, we have already in process for doing the same. Report shall be submitted immediately after monitoring. No effluent is emanating from the existing as pond and no ash is being disposed of in the low lying area.
xxiii	Ash pond shall be lined with HDPE/LDPE 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	Complied.

**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

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	breached.	
xxiv	For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) shall be done after obtaining due permission from DGMS and after ensuring that the bottom and sides of the mined out areas 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.	Shall be complied as & when required.
xxv	Green Belt consisting of 3 tiers of plantations of native species around plant and at least 75 m width shall be raised. Tree density shall not less than 2500 per ha with survival rate not less than 80 %.	Being complied
xxvi	At least three nearest village shall be adopted and basic amenities like development of roads, drinking water supply, primary health centre, primary school etc. shall be developed in co-ordination with the district administration.	GMR Varalakshmi Foundation (CSR arm of GMR group) initiated community services in three project affected villages namely Raikheda, Chicholi & Gaitera in June, 2009 and expanded its reach to two new villages namely Sontara and Gaurkheda in June, 2012. One peripheral village “Murra” has been taken up from July, 2013. The outreach is expanded to other nearby villages namely Khamariya, Konari, Tulsi, Tarashiv, Bartori, Chatod and Samoda in year 2015. Half yearly report of CSR activities is enclosed as <b>Annexure- III</b> . The Thematic area of work in villages is improving quality of education, access of health care and sanitation, empowerment and livelihood thought SHGs, individual income generation & community vocational training centre and community development.
xxvii	The project proponent shall also adequately contribute in the development of the neighbouring villages. Special package with implementation	Currently GMRVF is working in Four directly project affected villages and Nine indirectly affected and Railway



**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

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	<p>schedule for providing potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.</p>	<p>siding villages namely Sontara, Gaurkheda, Khamariya, Konari Murra, Tulsi, Tarashiv, Bartori, Chatod located on western and northern boundary of the proposed plant. The development work in these villages is implemented in planned and time bound manner.</p>
xxviii	<p>A time bound implementation of the CSR shall be formulated within six months and submitted to the Ministry. While identifying CSR activities it shall be ensured that need based assessment for the nearby villages within study area shall be conducted 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 shall be undertaken. Development of fodder farm, fruit 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. Vocational training programme for possible self-employment and jobs shall be imparted to identify villagers free of cost.</p>	<p>CSR Plan for the villages is made as per local need and CSR activities are identified by Social work professionals employed exclusively for CSR through GMR Varalakshmi Foundation in consultation with communities and their representatives. Poorest of the poor families are identified basing village Panchayats statistics and special interventions have been planned for their upliftment. Separate budget has been allocated for community development activities, income generation activities. Vocational training is being provided to youth for self-employment free of cost. We have started <b>Pratibha center</b> for local youths. To increase access of youth to educational and employment opportunities through helping them become aware of and to prepare for these. To prepare youth to become self-reliant through education and employment opportunities at Pratibha centres.</p>
xxix	<p>An amount of Rs 33.16 Crores shall be earmarked as one time capital cost for CSR programme as committed by the project proponent. Subsequently a recurring expenditure of Rs 6.63 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within six month along with road map for implementation.</p>	<p>Time bound implementation of CSR activities with budget of Rs.33.16 has been planned and same is being implemented in nearby project villages. Expenditure status is attached herewith as <b>Annexure – IV</b>.</p>

**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

xxx	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time	The social audit for year 2016-17 already conducted by GPR strategies & solutions, Raipur, which has been submitted vide our letter no. GMR/GCEL/MOEF & CC/18-19/16.
<b>B - General Conditions</b>		
i	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	Complied.
ii	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	Complied.
iii	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 the Ministry as well as to the Regional Office of the ministry.	Being complied. The drawing of the fire detection, protection & fighting system has been submitted vide our previous compliance letter No. GMR/CTPP/MOEF/2014-15/40, dated 25/06/2014.
iv	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, 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.	Complied.  A copy of approval for storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS obtained from Department of Explosives, Nagpur has been submitted.  Disaster Management Plan also is in place.
v	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Now our construction phase is over, however it was being complied with during construction.

**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

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vi	Noise levels emanating for turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dBA from the source. For people working in the high noise area, requisite personal protective equipment like ear plugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/less noisy areas.	Engineering control for noise such as acoustic enclosure, silencer have been installed in the turbine. Moreover also ear plug, muff etc. is provided to workers in high noise area.  Noise level monitoring report is being submitted to your good office regularly.
vii	Regular monitoring of ambient air ground level concentration of SO <sub>2</sub> , NO <sub>x</sub> , PM <sub>2.5</sub> & PM <sub>10</sub> and Hg 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 shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	Being complied.
viii	Provision shall be made for the housing of construction labor (as applicable) 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 completion of the project.	Complied
ix	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 Quality concerned within seven days from the date of this clearance letter, informing that the project has been	Complied.

**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
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	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 <a href="http://envfor.nic.in">http://envfor.nic.in</a>	
x	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations. If any, receive while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied.
xi	An Environmental Cell comprising of at least one expert in environmental science / engineering, occupational health and social scientist, shall be created at the project site itself and shall be headed by an officer of appropriate superiority and qualification it shall be ensured that the Head the Cell shall directly report to the head of the organization and he shall be held responsible for implementation of environmental regulations and social impact improvement/mitigation measures.	Complied.
xii	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM (PM2.5 & PM10), SO2, NOX (ambient levels as well as stack emissions) shall display at a convenient location near the main gate of the company in the public domain.	Being complied.  The previous compliance status report can be viewed at following web-link  <a href="http://www.gmrgroup.in/Energy/GMR_Chhattisgarh_Power_Project.html">http://www.gmrgroup.in/Energy/GMR_Chhattisgarh_Power_Project.html</a>  Display board has also been installed at main gate.

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xiii	The environment statement for each financial year ending 31 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 environmental clearance conditions and shall also be sent to the respective Regional Offices at the Ministry.	Being complied.  The Environmental Statement report can be viewed at following web-link  <a href="http://www.gmrgroup.in/Energy/GMR Chhattisgarh Power Project.html">http://www.gmrgroup.in/Energy/GMR Chhattisgarh Power Project.html</a>
xiv	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 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.	Being complied.  The previous compliance status report can be viewed at following web-link  <a href="http://www.gmrgroup.in/Energy/GMR Chhattisgarh Power Project.html">http://www.gmrgroup.in/Energy/GMR Chhattisgarh Power Project.html</a>
xv	Regional Office of the Ministry of Environment, forest and climate change 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 upload the compliance status in their website and update 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.	Complied.

**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
**Chhattisgarh**

xvi	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.	Complied.
xvii	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 date of start of land development work a commissioning of plant.	Financial Closure granted on 10 <sup>th</sup> Dec'10. The Project development started after receiving Consent to establish dated 13 <sup>th</sup> Jun'11.
xviii	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.	Agreed and complied.
<b>Compliance status of EC amendment dated 16/06/2013 with respect to ash pond coordinate change and removal of bag filter in place of ESP along with bag filter</b>		
xxxi	The GCV of the imported coal from south Africa shall not be less than 4911Kcal/kg and the ash and sulphur contents shall not exceed the limits stated under: Ash contents : 33.7% Sulphur Contents : 0.7%	Being complied as per latest norms.
xxxii	A long term study of radioactive and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Will be complied as & when required.
xxxiii	Continuous monitoring for heavy metals in and around the ash pond area shall be carried out through reputed institutes like IIT, Kanpur and records/data maintained.	Noted & will be complied.

**GMR CHHATTISGARH ENERGY LTD.**  
**Village – Raikheda, Gayatra and Chicholi, Block – Tilda, Distt – Raipur,**  
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Compliance Status of environmental clearance letter No. J-13012/62/2018-IA.II (T), MoEF GOI, dated 18/11/14 with respect to road transportation of coal.		
Sr. No. 2	Condition	Compliance Status
i	The coal transportation by road shall be through mechanically covered trucks to the extent feasible, else, shall be through tarpaulin covered trucks.	After completion of our railway line, coal is now being transported in rail.
ii	Avenue plantation of 2/3 row all along the road shall be carried out by the project proponent at its own expenses in consultation with the State Government Authority.	Avenue plantation all along the road has already been done and there is no scope for further plantation.
iii	Periodic maintenance of the road shall be done by the project proponent at its own expenses and shall facilitate the traffic control on the road in consultation with State Government Authorities.	Not applicable as the coal is now being transported by rail.
iv	The PP shall advertise in the newspaper and place on the website, the amendment issued by the Ministry for public information.	Complied. Copy of newspaper has already been submitted to your good office vide our letter no. GMR/CTPP/MOEF/2014-15/121 dated 28/11/2014.
Sr. No. 3	Other condition	
xxxiv	Harnessing solar power within the premises of the plant particularly at available rooftops shall be undertaken and status of the implementation shall be submitted periodically to the regional Office of the Ministry.	We have already started working on this. Solar power has been utilised for fencing of boundary wall. Similarly we are going to install 1MW solar plant to cater the requirement of power in our pumping station.
xxxv	Greenbelt shall also be developed around the ash pond over and above the Green belt around the plant boundary.	Complied.
xxxvi	The project proponent shall formulate a well-laid corporate environment policy, identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the condition stipulated in	Complied.

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	this clearance letter and other applicable environmental laws and regulations.	
Compliance status of the EC amendment letter dated 04/02/2015 with respect to usage of 50% e-auction domestic coal issued		
i	Sulphur and ash content in the coal to be used in the project shall not exceed 0.7% and 34% respectively for at any given time. In case of variation of coal quality at any point of time, fresh reference shall be made to the Ministry for suitable amendment to environmental clearance condition wherever necessary.	Being complied.
ii	The PP shall advertise in the local newspapers and place on the on the website, the proposed amendment for public information.	Complied.
Compliance Status of environmental clearance letter No. J-13012/62/2018-IA.II (T), MoEF GOI, dated 09/12/15 with respect to usage of 100% domestic coal.		
Sr. No. 2	Condition	Compliance Status
i	Sulphur and ash content of coal shall not exceed 0.7 % and 34 % respectively. In case of variation quality at any point of time, fresh reference shall be made to the ministry for consideration.	Being complied.
ii	The PP shall advertise in the local leading newspaper and place on the website, the proposed amendment of EC (after receiving from ministry) for change in source of coal for public information.	Complied. Copy of newspaper has already been submitted with previous compliance report dated 28/05/2016.



**ANACON LABORATORIES PVT. LTD.**

ISO 9001:2008, ISO 14001:2004, OHSAS 18001 Certified Organization,  
 Recognized By Ministry of Environment & Forests (MoEF), New Delhi  
 Accredited By Quality Council of India by NABET - Environment Impact Assessment Studies  
 Authorised by Food Safety & Standards Authority of India Under FSS Act  
 Approved by Bureau of Indian Standards (BIS)

**Stack Emission Monitoring Report**

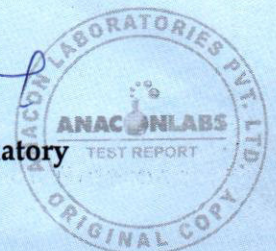
<b>Report No.: AN/SE/GMR/2018-19/439</b>		<b>Date: 12.11.2018</b>	
<b>Name and Address of Company :</b>	<p align="center"><b>GMR CHHATTISGARH ENERGY LTD</b>                  Village : Raikhada, Block Tilda,                  Raipur-493225 (C.G)</p>		
<b>Sample Description/Type</b>	Stack Emission Monitoring	<b>Sample Collected by</b>	Anacon Representative
<b>Sampling Location</b>	<b>Main Stack (Unit-1)</b>	<b>Sample Quantity/ Packing</b>	Thimble: 1 X 1 No. SO <sub>2</sub> : 30 mL X 1 No. PVC Bottle NO <sub>x</sub> : 25 mL X 1 No. PVC Bottle
<b>Date of Sampling</b>	02.11.2018	<b>Date of Receipt of Sample</b>	05.11.2018
<b>Sampling Procedure</b>	As per Method Reference		
<b>Date of Start of Analysis</b>	05.11.2018	<b>Date of Completion of Analysis</b>	05.11.2018

<b>Stack Details</b>			
Stack Identity		S-1	-
Stack height above ground level		275	Meter
Stack diameter		7.0	Meter
Type of Fuel		Coal	-
<b>Parameter</b>	<b>Unit</b>	<b>Result</b>	<b>Method Reference</b>
Flue gas temperature	°C	128	IS:11255 (Part 3)
Flue gas Velocity	m/s	21.92	IS:11255 (Part 3)
Total gas quantity	Nm <sup>3</sup> /h	2227443.71	IS:11255 (Part 3)
Total Particulate Matter (PM)	mg/Nm <sup>3</sup>	18.2	IS:11255 (Part 1)
Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	368.5	IS:11255 (Part 2)
Oxide of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	186.8	IS:11255 (Part 7)
Mercury (Hg)	mg/Nm <sup>3</sup>	0.001	USEPA-0060

• ND-Not Detected.  
 Thanks for utilizing our services.

Chemist: - *Smyf.*

*Staw*  
 Authorized Signatory



HALF YEARLY REPORT OF CSR ACTIVITIES (APRIL 18 TO SEPTEMBER 18)



**GMR CHHATTISGARH ENERGY LIMITED**

**AND**

**GMR VARALAKSHMI FOUNDATION**



**HALF YEARLY REPORT OF CSR ACTIVITIES**

**APRIL 2018 – SEPTEMBER 2018**

## HIGHLIGHTS OF CSR ACTIVITIES

### Education

- Provided support to 2738 students studying in 22 government schools in 12 villages.
- Provided support to 210 students studying in 6 Anganwadi Center in 3 Villages.
- Provided support to 29 students through Library books for regular classes in Correspondence.
- Provided coaching for Navodaya Entrance Examination to 53 students in 4 villages which resulted in 7 selections and increased the academic performance of all the attendees.
- Running Kid Smart Early Learning Centers at Raikheda, Chicholi and Gaitra benefiting 149 kids
- Providing transportation facility to 48 Girls from the project affected villages to college at Tilda
- Supporting Raikheda High School with 50% salary of 10 teachers, benefiting 187 students

### Health, Hygiene and Sanitation

- Three dispensaries are operational catering to an average of 524 patients per month.
- Mobile Medical Unit Services are being provided in 8 villages covering 1255 patients per month.
- Providing doorstep medical services to average of 520 patients per month elderly people.
- Conducting weekly community health awareness and school health education programs.
- Public Toilets at Gaitera and Bhatapara are benefiting more than 104 families.
- Provided support to Awareness camp covering 800 women for Toilet usage under sanitation Program.
- Provided support to 49 pregnant and lactating women through Nutrition center in 3 Panchayat.

### Empowerment and Livelihoods

- Trained 30 youth in three channels (Mobile, electrical works) at Vocational Training Center.
- Provided support to 76 youth in computer training at the Computer Literacy Center.
- Trained 60 women in basic and advance tailoring and 10 are doing income Generating activities.
- 30 Women are continue stitching work in our production center



# DETAILS OF CORPORATE SOCIAL RESPONSIBILITY (CSR) ACTIVITIES

## INTRODUCTION

Activities of GMR Varlakshmi Foundation (GMRVF) in Chhattisgarh are focused in 11 Gram Panchayat namely Raikheda, Chicholi, Gaitra Tuls, Khamharia, Bartori, Tarashiv, Murra, Chatod, Sontara, and Samoda. The villages covered are in Tilda and Aarang block of Raipur District in Chhattisgarh. Approximate population of these villages is 35000. While the rapport building activities in the project area started in March 2009, the actual work started in June, 2009. The CSR activity in Railway siding and other nearby villages started in year 2015. GMRVF Team at Chhattisgarh comprises of Program Leader, One Program Executive, three Junior Program Executive and 22 field volunteers.

The progress of interventions from April 2018 to September 2018 is described in detail:

## A: EDUCATION

### Support to Government Schools

**Financial Assistance to Private High School, Raikheda:** Foundation agreed to support the Raikheda Higher Secondary School in the form of 50% salary for 10 teachers. The agreement was signed five years back and was renewed for the current academic year and the disbursement is continued during the year. The support by the Foundation is helping in retaining the quality teachers at the school and in motivating them to teach well which has resulted in improving the pass percentage to 100% from 64% Five years ago.

### Direct Support to Children

**Saksham Scholarship:** Saksham Scholarship scheme launched during 2013-14 continues to support the students from project affected villages to pursue professional courses at Govt./private institutions by providing 50% of the fee. 3 students continue to receive scholarship support from previous years. These students are from Chicholi, Raikheda villages. The students selected for scholarship are studying Engineering and Nursing.

**Navodaya Coaching:** GMRVF started Navodaya entrance coaching in 2011 at one project village and later expanded it to two more villages. Four Navodaya centres are being run in four different villages i.e. Raikheda, Gaitera, Tarashiv and Chicholi and 53 selected students from 4 villages are attending classes at these centres regularly. Regular tests are being conducted at these centres and based on the performance of the children in these tests, special attention would be given to the children who are scoring less marks. Regular parents meetings are being conducted at these centres and children's academic performance is shared with the parents in these meetings. During the reporting period, 7 student from Raikheda, Gaitra and Tarashiv who attended last year's coaching classes has been selected for Navodaya admission.

**Kidsmart Centres:** Kid Smart Early Learning Centre is the computer-based learning center specially designed for 3-9 year old children by IBM. First center with five Young Explorer units was opened in July 2010 at Raikheda. Second Kid Smart center was opened at Primary School, Chicholi in March 2012 with three young Explorer Units and third center is established at Gaitera school campus in January 2015. Currently, 149 children are attending these Kidsmart centers in six batches. Mothers' meet is organized every month where top scorers in monthly tests are felicitated.

**Transport Facility for College Going Girls:** The students from the Project Affected Villages (PAV) have to go to Tilda, which is 121 km away, for pursuing college studies. Due to the lack of public transportation facility

daily commuting to the college is very difficult particularly for the girls. To address this issue, GMRV provided transportation facility since 2010 exclusively for the girls who are going to Tilda College from the PAVs. During the reporting period, 48 girls from 7 villages availed the facility.

**Awareness Programs for Children and Teachers:**. World Environment Day was celebrated in nearby village on the occasion of World Environment day. The celebration include poster & rangoli competitions for the school children and different type of competition among the women. The interest, enthusiasm & excitement exhibited by both women and school children to take part in the competitions were really outstanding. The winners of various competitions organized were awarded.

In this order we have celebrate "International Yoga Day". "Yoga" is an invaluable gift of the ancient tradition of India, it symbolizes the unity of mind and body; is the harmony between man and nature; giving thought, restraint and fulfillment and providing a holistic approach to health and well-being. It is not about exercise, but it is about the spirit of unity, the search for the world and nature, in our changing life-style, by becoming this consciousness. Switch to can help tackle climate change.

Therefore, we have worked enthusiastically with school students and teachers towards adopting "International Yoga Day".

On 14th April, on the occasion of Fire Day, employees of GCEL Safety Department organized awareness programs and gave information on fire prevention in village Batorori. 72 rural women and male and panchayat members, Sarpanch were present in this program.



**Educational programs**

## B: HEALTH, HYGIENE AND SANITATION

Looking at the need of community, Foundation in Chhattisgarh partnered with Mission hospital Tilda for providing preventive and curative health services in Project affected villages. Foundation is also running a Mobile Medical Unit. The technical services are provided by Jan Jagran Sansthan, Tilda.

**Community Dispensaries:** Foundation started its first dispensary in October 2009 at Village Development Center (VDC), Raikheda. Later five more dispensaries were started in five other villages. Team of Doctors is visiting the dispensaries every week from Mission Hospital, Tilda. The MoU signed during first year has been renewed for operating Three dispensaries this year. Medicines are provided to all the patients for seasonal ailments free of cost. Average OPD during reporting period was observed as 524 per month.

**Mobile Medical Unit:** MMU staffed with Doctor, Nurse and pharmacist visits 9 villages once in a week on fixed schedule. MMU covers 8 village in Tilda block and one in Aarang block where GCEL water pump is located. MMU is very useful in terms of providing services to women, elders and children in their villages. About 1255 people are being benefited from MMU services every month. The MMU doctor also visits the schools on a regular basis and educates the children on health and hygiene aspects.

**X-Ray Machine at CHC, Kharora:** GMR Chhattisgarh Energy Ltd. (GCEL) supported establishment of X-Ray unit at Community Health Centre, Kharora. GCEL has supported the equipment for the unit and operational responsibility lies with the hospital. X-Ray machine benefitted 399 patients during the reporting period.

**Nutrition Center:** To provide proper nutrition and ante-natal services to pregnant and lactating women, Nutrition Centers have been initiated in 5 villages. Daily nutrition menu has been worked out and nutrition supplements were provided to 49 beneficiaries 09 pregnant and 40 women regularly at the center. Apart from provision of nutrition supplements and regular health check-ups, the women were also given awareness on the precautions to be taken up during pregnancy and lactating stage.

**Weekly Health Awareness:** Health awareness classes are being organized on weekly basis for women. Students from Nursing School of Mission Hospital facilitate the sessions at Community Dispensaries targeting pregnant and lactating women. Sessions focus on personal hygiene, diarrhea, seasonal ailments, pregnancy complications and precautions, cancer and malnourishment. This work program through our partners like Mission hospital and Government hospital, Tilda



Nutrition center



MMU Services



Public toilet

**Maintenance of Public Toilet in 2 Villages.** GMRVF with financial support from GMR Chhattisgarh Energy Limited constructed 2 Public Toilet in Bhatapara and Gaitra Village. Present Public Toilet is being used by 104 poor families in both the villages. The use of Public toilet in villages has encouraged that family to use, who cannot afford for individual private toilet. In the current year maintenance of toilet is being done by us

and we are providing support of sweeper, cleaning materials and repair and maintenance. The Public Toilet is useful in reducing open defecation in Village.

**Awareness Creation for Usage of Toilet.** After Construction of toilet under subsidy program its usage is a measure challenge. To Increase the usage GMRVF is working continuously with Panchayat and Women Self-help groups in villages. A Monitoring team comprising of Self Help Group members have been made in village who monitor in morning and Evening at the periphery of villages. Apart from Monitoring many work is done on motivational themes like spread of various disease, crime against women and children, problem in rainy season etc.

### C: EMPOWERMENT AND LIVELIHOODS

The thrust of Foundation is also on channelizing the skills of youth and women for enhancing the incomes of their families through different empowerment and livelihoods programs. Thrust is also on augmenting the incomes of rural families through support to farm and non-farm livelihoods activities.

#### Vocational Trainings:

GMRVF started village based vocational training (short term General Electrical Works-90 days) at Raikheda in July 2011. Two batches comprised of 28 youth from project affected and peripheral villages successfully completed the course. After two batches, it was decided to increase the outreach by shifting the center to Tilda focusing peripheral villages of CTPP on self-employment oriented channels. In the current year the focus of training has been shifted from Project Affected Villages to Railway siding Villages. In the same connection the courses on Domestic Electrical Works, Mobile Repairing and TV repairing were started. The details of training programs conducted during the reporting period are as follows:

Name of the course	Number of batches conducted during this period	Number of Youth trained	Number of youth settled.
TV Repairing	1	15	04
Mobile repairing.	1	15	Continue..
<b>Total</b>	<b>2</b>	<b>30</b>	<b>04</b>



**Skill Trainings in the Villages**

**Computer Literacy Center:** Computer Literacy Center at Raikheda trained 241 youth in Basic Computer Skills till last year. In April 2016, the Center has been shifted to foundation . 76 youth were trained during this reporting period with support from Polytechnic College, Raipur.

**Tailoring Training cum Production center:** Foundation was running 6 community based tailoring training centres in project affected villages in which more than 743 women were trained on basic tailoring till March 2018. Another 30 women were trained in tailoring during the reporting period. 30 members are regularly visiting our tailoring cum production centre and learning advance tailoring for their income generation. Various group have been formed for stitching and specialised training is like bag making and designing work in blouse being provided. Final exam conducted with 30 women's in our Community based tailoring centre. Where training organized to create Different types of designer bags, Langa in which 35 women participated.



### ***Woman Empowerment***

#### **PRATIBHA**

Foundation is running Pratibha library-cum-career counseling center at Raikheda village. The center has internet equipped library and provides coaching for competitive exams and counseling services. The center was started in April 2013 and 136 youth benefitted last year through different coaching classes. During reporting period, coaching support has been provided for 40 students for different entrance/competitive exams. In the reporting period 3 students of our center cleared teacher ability test. 25 students of Pratibha coaching center have filled examination forms of banking and state services. Pratibha coaching center is equipped with competitive examination books, model sample paper, computer, internet, English newspapers and magazines. Three candidate are selected in private jobs through our pratibha center,

#### **Self Help Group.**

Foundation has promoted 41 women Self Help Groups at this location. These 41 groups have a membership base of 488 members. Total savings of these groups are about Rs 16.54 lakhs. 41 groups have received Cash Credit Limit of Rs 1 lakh each during the reporting period and all groups received revolving fund of Rs 15000 each.

#### **Support to Micro-enterprises and Other Livelihood Activities**

**Individual IGA Support:** In order to enhance the income levels of poor families, small scale Income Generation Activities are being promoted among project affected families. Till last year, 250 families were supported for the same.

**Community Libraries:** Foundation is running community libraries in project affected villages. Each Library has about 400 books including story books, religious books, books on skill development, books on health and



agriculture etc. Newspapers are integral components of these libraries. Libraries have separate timings for women in the afternoon. Toys for the children of all age groups have been put in to encourage children for using the library facility. Approximately 2200 users visit these seven libraries every month. Weekly activities for awareness generation have been started at four libraries for different sections of the community.



**PRATIBHA:** GMR Varalakshmi Foundation has established PRATIBHA library cum counselling centre for the youth at village Raikheda. A separate batch for competitive exam has started with 32 students. Free books, newspaper, Rojgar samachar news periodicals are available at Pratibha Centre for Local youths. 22 students have been successful in "Chhattisgarh Armed Forces" physical examination, then focused on preparing for the written examination. Out of which 3 students have achieved success in Chhattisgarh Force (Physical Examination and written exam). Awaiting medical test .and 1 student success in "Awas-Mitra" and 5 students clear railway group "D" 1st stage. Considering the usefulness of this activity, GCEL employee Shri Sreekanth Pai (Head - BTG) has committed to give 1 days in a week and conduct classes on "English speaking " .

**EMPLOYEE INVOLVEMENT:**

Employees of GMR Chhattisgarh Energy Ltd. have always been very active in volunteering for different community causes. During the last six months, 60 employees have participated in 5 different programs organized by the Foundation.

Birthday celebration of GCEL colleagues has been initiated at the location with the colleagues celebrating their birthdays by involving in different CSR activities. So far, 20 colleagues have celebrated their birthdays in different villages participating in different CSR programs.

1. Mr. Atul Gupta of GCEL is taking and 1 hr. sessions every Wednesday on "Personality development" in the Pratibha Center at Tarashiv village and 2 hr. sessions every Saturday on MS office in the Computer Literacy Center at GMRVF office premises. He is taking basics of computers and soft skills sessions. His both sessions are very much interesting and giving useful knowledge to the batch.
2. Under Employee Engagement Activity, In "Pratibha coaching & career counseling center" Mr. Sreekanth Pai Head-BTG, GCEL is taking classes for one day on Spoken English every week.
3. Under the Employee Engagement Program, bag, tiffin box, water bottle, Compass box of were distributed to 25 students by GCEL Employees.

The details of employee engagement during the last six months period are given below.

	<b>Total</b>
No. of Programs	8

No. of beneficiaries	7065
No. of family members and employee volunteers	118
Hours of involvement of employees and family members (person hours).	354

S.NO.			Number of Beneficiaries	Number of Employee	
1.	WISH TREE	Coo office, O&M head, Team Civil, EHS, HR & FMS, E&I, F&A, C&C, Coal, CA, CSR Team, & Raxa.	106 Students of 10 <sup>th</sup> class and anganwadi children	30	School bag 75, Tiffin Box 33, Dictionary 4, Water Bottle 27, Geometry box +Color box 9, Guide 9,
2.	Support to skilled women in tailoring	BTG, AHP, CHP, Electrical and WTP	35 Tailoring women's and 1 SHG Group	39	35 electrical Iron for skilled women in tailoring, 1 Sewing Machine For needy Girl, 1 Piku Machine for SHG.
3.	Health Awareness Camp	Team Operations	147 women's benefited.	35	Gynaecology camp at village Gaitra on 3 <sup>rd</sup> Oct 18 from 11:00 am to 4:00 pm.
4.	Digital Awareness cum Smart Mobile Literacy	Team C&I and OSE	64 Women's benefited.	14	60 SHG women from 3 village's. provided computer fundamental and smart mobile operation knowledge . Mobile pouch to be distributed to each woman.
			<b>352</b>	<b>118</b>	

### Blood Donation Camp:

More than 208 units of blood collected with the help of Raipur Red Cross Society Blood Bank in the eve of 72 Independence Day.

GMR officials, Raxa Security Services and members of the neighborhood community and Contract workers donated their blood in the event.

### Others community activity-

**15<sup>th</sup> August Celebration.** On the occasion of Independence Day, on August 15, 24 meritorious students, 7 Navodaya students and CSR Team were felicitated by Mr. Ravi Shankar S (COO) GCEL & Mr. Sandeep Pachpor (VP) GCEL.



## SPECIAL ACHIEVEMENTS, CHALLENGES& LEARNINGS

### Special Achievements:

**INDIA CSR leadership award:** *The GCEL in connotation with our Varalakshmi foundation has won the prestigious INDIA CSR leadership accolades in the category of “Innovative Projects in Education”. Chhattisgarh CSR Leadership summit & awards was hosted by India CSR network on Friday, Aug 24, 2018 at Hotel Babylon international Raipur. Over 300 Corporates, CSR leaders, NGO’s & consultants including NABARD and other govt. agencies took part in the summit. GCEL Varalakshmi foundation has filled their nominations on “INNOVATIVE PROJECTS IN EDUCATION” on which we have highlighted our supports to 15 Govt. Schools of 11 Gram Panchayats of Tilda and Aarang blocks of Raipur District and improved Minimum Learning Standard of more than 2500 students and in 7 years of education interventions the pass percentage of high school students increased from 51% to 71% and 24 students got selected in Navodaya Vidyalaya at the same time number of college going girls increased from 28 to 170. The Jury was satisfied with our application & presentations provided on support of said category.*

*The awards was received by Mr. Sunil Vishwakarma (Sr. Program leader GMRVF), Mr. Atul Kumar Gupta (Manager – Corporate communications GCEL) & Mr. Prithviraj Lahiri (Manager – Corporate Relations GCEL) from Hon’ble minister of Water resources & Agriculture development of Chhattisgarh Shri Brijmohan Agrawal.*



- Out of 3 Project affected Panchayat 3 have been declared open defecation free villages with our support and contribution.
- 7 Students have been selected in Navodaya examinations and is studying.

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- Out of 3 Project affected Panchayat 3 have been declared open defecation free villages with our support and contribution.
- 7 Students have been selected in Navodaya examinations and is studying.

- 4 candidate have been selected in Government job through our PRATIBHA center.
- Establishment of stitching cum production for trained women.

### **Challenges Faced**

- Expectation among community for employment with company.
- Huge demands from Local sarpanches despite plant not being in operations.

### **STRATEGIC PLAN FOR COMING YEAR**

1. Convergence with ongoing government programs and leverage the available resources.
2. Marketing linkages for products made by SHG members.



**DETAILS OF CSR ACTIVITIES WITH IMPLEMENTATION /EXPENDITURE PLAN (In Lakh Rs)**

**GMR CHHATTISGARH ENERGY LTD.**

#	Line Item	Till March'11	EXPENSES				Exp.	Exp.	Exp.	Exp.	PLAN	Total
			2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2018-19	
<b>A</b>	<b>EDUCATION</b>	<b>13.52</b>	<b>31.82</b>	<b>24.35</b>	<b>19.25</b>	<b>39.30</b>	<b>37.99</b>	<b>42.32</b>	<b>24.61</b>	<b>7.81</b>	<b>14.10</b>	<b>255.07</b>
1	Adoption of Govt. Anganwadis for infrastructure & quality improvement		2.15	2.3	1.6	1.65	2	3	0.36	0.83	2.10	15.99
2	Infrastructure supplementation in Govt. Schools of Project Affected Villages		17.67	11.1	5.5	15.4	12.1	4	3.79	0.00	2.00	71.56
3	Village Intensive Education Program for quality improvement in primary education		3	2.46	1.5	6.15	7.46	10	3.29	1.38	2.00	37.24
4	Tuitions for weaker children		3	1.5	1.5	5	5	2	1.85	1.50	1.00	22.35
5	Scholarships for potential youth for higher education		0	0.45	1.45	3	3.23	2.32	1.44	0.12	1.00	13.01
6	Establishing School and running of school		0	0	0	0	0		0.00	0.00	4.00	4.00
7	Support for existing High School		4.5	4.44	5.3	5.5	5.5	5	9.75	2.40	1.00	43.39
8	Transportation support for college going students		1.5	2.1	2.4	2.6	2.7	16	4.13	1.57	1.00	34.00
<b>B</b>	<b>HEALTH</b>	<b>24.86</b>	<b>39.37</b>	<b>28.85</b>	<b>19.10</b>	<b>33.45</b>	<b>48.20</b>	<b>52.85</b>	<b>30.10</b>	<b>13.92</b>	<b>18.50</b>	<b>309.20</b>
1	Community Dispensaries for primary health services		7.2	10.1	12.5	10.3	10.7	9	7.28	0.48	1.50	69.06
2	MMU Unit services for primary health services.			0	0	0	25	15	16.73	8.35	2.00	67.08
3	Strengthening of existing Health Center		2.25	1.75	3.5	1.9	2	3.35	0.00	2.70	1.00	18.45
4	Ambulance service for target villages		0.81	1	1	1.1	1	0.5	0.00	0.15	1.00	6.56
5	Strengthening of existing Veterinary Clinic		0	0	0	0	0	1	0.00	0.00	5.00	6.00
6	Community Plantation		0	0	0	0			0.00	0.00	3.00	3.00
7	Individual Toilet support in Villages.			0	0	0	5.6	16	0.00	0.00	2.00	23.60
8	Maintenance of Public Toilets in PAVs		25.11	16	2.1	3.9	3.9	5	2.49	0.69	2.00	61.19
9	Support for elderly people		4	0	0	16.25		3	0.00	0.00	1.00	24.25
10	Nutrition center								3.61	1.55		5.16
<b>C</b>	<b>EMPOWERMENT &amp; LIVELIHOOD</b>	<b>14.12</b>	<b>8.26</b>	<b>16.05</b>	<b>33.50</b>	<b>21.16</b>	<b>23.00</b>	<b>49.65</b>	<b>14.02</b>	<b>2.41</b>	<b>11.10</b>	<b>193.27</b>
1	Sponsoring vocational trainings for drop out youth		1.9	3.85	5.5	9.2	1	10	0.56	0.55	4.10	36.66
2	Establishing Vocational Training Center		0	0	0	0	8	17	6.78	0.68	2.00	34.46
3	Community Based Trainings focussing women empowerment		2.4	3.45	11	6.46	5	2	2.79	0.07	1.00	34.17
4	Farmer's School with demonstration farm		1.2	1.8	2.5	1.3	1	3.25	0.60	0.30	1.00	12.95
5	Micro enterprises through self Help Groups		1.5	3.95	6	3.75	3	2	0.41	0.35	1.00	21.96
6	Computer and training center							11.4	1.58	0.04		13.02
7	livelihood enhancement Individual income Generation		1.26	3	3	0.45	5	4	1.30	0.39	1.00	19.40
8	Establishing Livelihood center		0	0	5.5	0			0.00	0.03	1.00	6.53
<b>D</b>	<b>COMMUNITY DEVELOPMENT</b>	<b>159</b>	<b>382.04</b>	<b>232.55</b>	<b>88.50</b>	<b>82.42</b>	<b>101.90</b>	<b>40.96</b>	<b>18.90</b>	<b>0.00</b>	<b>30.00</b>	<b>1136.27</b>
1	Community drinking water facilities		19.43	2	8	10.63	16.6	2	0.00	0.00	6.00	64.66
2	Drainage facilities in villages		23.74	5	6	0	10		0.00	0.00	4.00	48.74
3	Renovation/construction of village approach roads		295.82	191	9.5	3.77	10	0	7.45	0.00	4.00	521.54
4	Renovation of domestic ponds		16.62	27.55	25	39.6	10.3	4	0.00	0.00	4.00	127.07
5	Developing play grounds		0	0	15	11.75	5		0.00	0.00	2.00	33.75
6	Developing community facilities like community halls, bus shelter, boundary wall, fencing, pond step, market place, maintenance of park in naya raipur		26.43	7	25	16.67	50	34.96	11.45	0.00	10.00	181.51
<b>E</b>	<b>ADMIN &amp; HR</b>	<b>22.36</b>	<b>23.46</b>	<b>24.80</b>	<b>26.70</b>	<b>33.00</b>	<b>29.21</b>	<b>42.65</b>	<b>12.75</b>	<b>1.99</b>	<b>5.00</b>	<b>221.92</b>
1	Staffing, monitoring and program management		22.7	23.6	26.7	33	29.21	29.49	12.75	1.99	4.00	183.44
2	Establishment		0.76	1.2	0	0		13.16	0.00	0.00	1.00	16.12
		<b>233.86</b>	<b>484.95</b>	<b>326.60</b>	<b>187.05</b>	<b>209.33</b>	<b>240.30</b>	<b>228.43</b>	<b>100.38</b>	<b>26.13</b>	<b>78.70</b>	<b>2115.73</b>
<b>Total CSR Expenses incurred till Sep 2019</b>												