Six Monthly Environmental Compliance Report

April 2018 to September 2018

Rosa Power Supply Co. Ltd.
Stage_II

RELIANCE

Rosa Power Supply
Company Limited
CIN: U3110MH1994PLC243148

Administrative Block, Hardoi Road,
P.O. Rausar Kothi, Tehsil-Sadar,
District – Shahjahanpur
Uttar Pradesh 242 406

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Ref: RPSCL/Env/EC/11/2018/5

Date: 26.11.2018

To,
The Director
Ministry of Environment & Forests
Kendriya Bhawan, 5th Floor
Sector-H, Aliganj, LUCKNOW (U.P.)

Sub: Compliance Status – 2X300 MW Rosa Thermal Power Plant Stage-II

Dear Sir,

This is with reference to the Environmental Clearance no J-13011/73/2007-IA.II (T) dated 20.07.2009 issued to us.

As advised please find enclosed the six monthly compliance reports both in hard & soft copy for the period of April 2018 to September 2018.

Thanking You,
For Rosa Power Supply Co. Ltd.

ROSA POWER SUPPLY COMPANY LIMITED SHAHJAHANPUR

(Authorized Signatory)

Cc: (I) Regional Officer UPPCB Bareilly (U.P.)
(II) Regional Officer CPCB Lucknow (U.P.)
(III) Member Secretary UPPCB Lucknow (U.P.)

Encl: Six Monthly Compliance report

i. Annexure 1: Refer Annexure _ I of St_1 Compliance_ETP/STP Effluent Water Report
ii. Annexure 2: Stack Monitoring Report
iii. Annexure 3: Refer Annexure _ III of St_1 Compliance_ Ash %
iv. Annexure 4: Refer Annexure _ IV of St_1 Compliance_Ground Water
v. Annexure 5: Refer Annexure _ V of St_1 Compliance_Green Belt
vi. Annexure 6: Refer Annexure _ VI of St_1 Compliance_First Aid Facility
vii. Annexure 7: Refer Annexure _VII of St_1 Compliance_Noise Monitoring
viii. Annexure 8: Refer Annexure _VIII of St_1 Compliance_AAQ Monitoring
ix. Annexure 9: Refer Annexure_IX_of Stage_1 Compliance _EHS organization Structure
x. Annexure 10: Analysis Report of Bottom Ash
xi. Annexure 11: Sulphur Content in LDO
xii. Annexure 12: Surface Water Quality Analysis Report
xiii. Annexure 13: Brief report of CSR programmes undertaken in last 3 years
xiv. Annexure 14: Corporate Environmental Policy

Rosa Power Supply Co Ltd, Vill. Chaudhera,Rosa, Sahajahanpur.
Capacity: 2 X300 MW- Stage II

Clearance Letter No – F.No. J-13011-73-2007-IA.II(T) Dated 20.07.2009

Sr. No.	Stipulated Clearance Conditions	Compliance status
3. (i)	No additional land in excess of 210 ha for stage II of the project and 610 ha for both stage -I & II shall be acquired for any activity/ facility of this project	Complied. The total land available for stage – I & stage - II is 610 ha.
3.(ii)	No facility related to the project shall remain within 500 meter distance from State Highway No. 25 except water reservoir which should be shifted beyond 500 meters from SH-25 within three years from the date of issue of EC letter for the ROSA project	MoEF has substituted vide amendment in EC dated 21st July 2014 as "*In case the state Govt. undertakes widening of the state Highway No. 25, the project proponent shall extend all co-operation and support and without any claim for compensation, demolish / dismantle any construction at its own cost and relinquish the portion of area falling in the power plant area for highway extension*." Amendment is noted for compliance.
3.(iii)	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 40.5% respectively at any given time. In case of variation in coal quality at the time of issue of LOA, a fresh reference shall be made to MoEF for suitable amendments to environmental clearance conditions wherever necessary	The ash content is maintained to an quarterly average >34% while sulphur content is maintained >0.5%. Copy of Test Report of Coal sample enclosed as **Annexure_III** of St_1 Compliance.
3. (iv)	A bi-flue stack of 275 m height shall be provided with continuous online monitoring equipments for SOx, NOx and Particulate matter. Exit velocity of flue gases shall not be less than 25 m/ sec. Mercury emissions from stack may also be monitored on quarterly basis.	Continuous online monitoring system of CODEL, UK make has been installed for stack emission. Stack Emission Monitoring (Iso-Kinetic) Report along with Hg Emission is attached as **Annexure-II**.
3. (v)	High efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm3.	Complied. High efficiency Electrostatic Precipitators (ESPs) has been installed to ensure that particulate emission does not exceed 50 mg/Nm^3.
3. (vi)	Space provision shall be kept for retrofitting of FGD, if required at a later date	Complied. Space provision for FGD has been incorporated in to the layout.
3. (vii)	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,	Measures such as Bag filters, Dust Extraction system, Water Sprinkling are in use and working efficiently to control fugitive emission in CHP & AHP Area

Sr. No.	Stipulated Clearance Conditions	Compliance status
	transfer areas and other vulnerable dusty areas shall be provided	
3.(viii)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured from 3rd year onwards Unutilized ash shall be disposed off in the ash pond in the form of High Concentration Slurry (60% ash and 40% water) 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 should be utilized in low lying area as micro nutrients for agriculture and mine filling	Noted for compliance. EAC in meeting dated 12.09.2011, agreed and allowed to have conventional slurry disposal system in place off HCSD for **Stage-II** similar to that of **Stage-I**. Please find enclosed bottom ash analysis report for heavy metal. Report enclosed as **Annexure_X**
3. (ix)	Closed cycle cooling system With Induced Draft cooling towers shall be provided. COC of at least 4 shall be adopted and the effluents shall be treated as per the prescribed norms	Cooling water system has been designed for COC of >4. The effluent is being treated as per the prescribed norms.
3. (x)	No ground water should be extracted for project work at any stage	For project work, no ground water was extracted during the construction.
3. (xi)	The treated effluents conforming to the prescribed standards shall be re-circulated and re-used within the plant There shall be no discharge outside the plant boundary except during monsoon Arrangements shall be made such that effluents and storm water do not get mixed	Sewage Treatment facility has been provided for both domestic sewage and effluent treatment plant has been provided for the treatment of industrial discharge. Arrangements have been made to not allow effluent and storm water to get mixed at any location within Plant premises.
3.(xii)	A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt / plantation.	A sewage treatment plant of 10KL has been installed and treated water is being re-used for development of greenbelt/ plantation.
3. (xiii)	Rainwater harvesting should be adopted. Central Groundwater Authority / Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished	The project site has shallow ground water level hence artificial recharge to ground water shall not be feasible. Hence, Central Ground Water Authority and has negated the above requirement vide letter No. 32-5/CGWA/RWH/OTH/08-332 dated 29/01/2008.
3.(xiv)	Adequate safety measures shall be provided in the plant area to check minimize spontaneous fires in coal yard, especially during summer season	Compaction of coal pile is maintained regularly at coal stack yard. Fire fighting arrangement has been provided along coal pile area.
3. (xv)	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation	PESO approval has been obtained for storage of LDO/HFO. The Sulphur Content report is attached and less than 0.5%. **Refer**

Sr. No.	Stipulated Clearance Conditions	Compliance status
	with Deptt. 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	**Annexure_XI**. The disaster management plan already submitted along with EIA/EMP reports to MoEF & which is duly approved and accordingly Environmental Clearance is granted.
3.(xvi)	Regular monitoring of ground water in and around the ash pond area including heavy metals (Hg, Cr, As, Pb) shall be carried out, records maintained and six monthly reports shall be furnished to the Regional *Office* of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the groundwater quality is not adversely affected due to the project.	Refer **Annexure –IV** of **St_1** Compliance Report.
3. (xvii)	A green belt of adequate width and density shall be developed around the plant periphery covering 30% of total area preferably with native plant species	Local species are chosen for developing greenbelt. Green belt has been developed over an area of 243.77 Ha (approx 40%) including township for St_1 & St_2. A total of 554202 trees / shrubs are already planted till date. Survival Rate is approx 90%. Local species are chosen for developing greenbelt. Refer **Annexure-V** of **St_1** for status of plantation for both stages.
3. (xviii)	Corpus fund of Rs. 24 crore shall be earmarked for CSR activities	The creation of a corpus fund for CSR activity was considered during construction of the project. The project commissioned in 2011 and now the CSR expenses are governed by as per Section 135 of the Companies Act 2013, Companies (Corporate Social Responsibility Policy) **Rules**, **2014**
3. (ixx)	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase	First aid, ambulance & sanitation facility was provided by contractors at construction site during construction phase. The plant has First Aid, Ambulance and sanitation facilities at its operation also for the employees and workers. Refer **Annexure_VI of Stage_I.**
3. (xx)	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air	The Noise level monitoring is being carried out regularly at work places and the noise level is being maintained below to the stipulated norms. The people working at high noise area are being provided with PPE and facilitated with job rotation if required as per Audiometry Results. Noise Monitoring Report attached as **Annexure_VII of St_1.**

Sr. No.	Stipulated Clearance Conditions	Compliance status
	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	
3. (xxi)	Regular monitoring of ground level concentration of SO_2, NOx, RSPM 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. The Ambient air quality monitoring is being carried out regularly. Refer **Annexure-VIII** of **St-1.** The results are in compliance with National Standard of AAQ. The location and frequency are in consent of UP State Pollution Board.
3.(xxii)	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied. The project is in operation phase now. During construction phase the stipulation was complied for construction worker by providing housing and all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care etc.
3. (xxiii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.	Complied. Photocopies of the newspapers advertisements, has already been submitted to your good office.
3. (xxiv)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Noted and complied

Sr. No.	Stipulated Clearance Conditions	Compliance status
	The clearance letter shall also be put on the website of the Company by the proponent	
3. (xxv)	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards	A separate Environment Health and safety (EHS) cell has been formed from different discipline for implementation & monitoring of the stipulated environmental safeguards. Refer **Annexure_IX** of Stage _1.
3. (xxvi)	The proponent shall upload the status of compliance of the stipulated EC 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 of the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO_2 and NOx (ambient levels as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	Noted for compliance. • EC is uploaded at site. • On line display of Stack Emission is made available near main gate. • Online Continuous Ambient Monitoring Stations has been installed. • On Line Effluent quality monitoring has been installed. • All on line monitoring systems are connected with CPCB Central Server.
3. (xxvii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB	Noted and complied.
3. (xxviii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules19~b, as amended subsequent years shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail	Environmental Statement of FY 2017-18 has already been submitted to your good office vide letter no. RPSCL/Env/Statement/05/2018/03 dated 12/5/2018.
3. (ixxx)	Regional Office of the Ministry of Environment & Forests located at Lucknow 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	Noted for compliance.

<table>
<tr><th>Sr. No.</th><th>Stipulated Clearance Conditions</th><th>Compliance status</th></tr>
<tr><td></td><td>forwarded to the Regional Office for their use during monitoring. Project proponent will upload the compliance status in their website and up-date the same at least six monthly basis from time to time. Criteria pollutants levels (Stack & ambient levels of NOx) will be displayed at the main gate of the power plant</td><td></td></tr>
<tr><td>3. (xxx)</td><td>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.</td><td>Noted for compliance.
Rs. 130.2 crores were allocated for implementation of environmental protection measures during design and construction of the power station.. Further for operation of the power station, the environmental protection cost has been now increased and item wise breakup is as under:
Capital Expenditure for Stage I & II:
<table>
<tr><th>S.N</th><th>Description</th><th>Amount (Rs)</th></tr>
<tr><td>1</td><td>Dust Extraction System</td><td>46517</td></tr>
<tr><td>2</td><td>Continuous Effluent Monitoring System</td><td>1199999</td></tr>
<tr><td>3</td><td>Ash recovery water System</td><td>50489462</td></tr>
<tr><td>4</td><td>Ash Handling Plant</td><td>1682886259</td></tr>
<tr><td>5</td><td>Ash Disposal System</td><td>270068438</td></tr>
<tr><td>6</td><td>CAAQMS</td><td>17610984</td></tr>
<tr><td>7</td><td>Chemical & Environmental Lab -UI</td><td>1554259</td></tr>
<tr><td>8</td><td>Chimney</td><td>477148378</td></tr>
<tr><td>9</td><td>Gas emission Monitoring Instrument</td><td>17388191</td></tr>
<tr><td>10</td><td>Sewerage Treatment Plant</td><td>241798095</td></tr>
<tr><td>11</td><td>Effluent Treatment Plant</td><td>155369441</td></tr>
<tr><td>12</td><td>Electrostatic Precipitators</td><td>889597026</td></tr>
<tr><td>13</td><td>Online Coal Ash Analyser</td><td>3200000</td></tr>
<tr><td>14</td><td>Instrument for Online Remote Calibration of CEMS</td><td>1800000</td></tr>
<tr><td></td><td>Total (Cr)</td><td>381.02</td></tr>
</table>
Operational Expenditure:
1. Environment Monitoring and STP Operation 0.49 Cr
2. Horticulture 1.50 Cr
3. ETP Operation 0.02 Cr</td></tr>
</table>

Sr. No.	Stipulated Clearance Conditions	Compliance status
		4. ESP Maintenance 0.75 Cr
3. (xxxi)	Copy of R&R Plan should be submitted within six months from the date of environmental clearance letter	Rehabilitation & Resettlement plan has been prepared in line with NRRP 2007 and submitted to District Administration as well as MoEF dated on 9th June, 2009. This has been completed and no pending issues are persisting as of now. R&R Plan has already been submitted to your good office dated on 9th June, 2009.
3. (xxxii)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant	Complied.
3.(xxxiii)	Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Lucknow / the CPCB / the SPCB who would be monitoring the compliance of environmental status	Noted & adhered
4.	The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. MoEF may impose additional environmental conditions or modify the existing ones, if necessary	Noted.
5.	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant	The Stage II of the plant is already in operation phase since 31/3/2012
6.	In case of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition (s) imposed and to add additional environmental protection measures required, if any	Noted for compliance.
7.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, l984, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments	Noted & adhered.
8.	Any appeal against this environmental	Noted for compliance.

Sr. No.	Stipulated Clearance Conditions	Compliance status
	clearance shall lie with the National Environment Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997	
3.	**Under Para no. 3 of the EC dated 20.07.2009, after the condition no. (xxxiii), the following conditions shall be added vide** amendment in EC dated 21st July 2014**:**	
(xxxiv)	Harnessing Solar Power within the premises of the plant particularly at available rooftops shall be undertaken and status of implementation shall be submitted periodically to the Regional Office of the Ministry	We have installed Solar Power Stations on available roof of the following Buildings. (i) Administrative Block (ii) D M Plant (iii) Pre Treatment Plant (iv) Chlorination Plant (v) VIP Guest House and Training Center . The total capacity is 125 kw.
(xxxv)	A long term study of radioactivity 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	For measurement of Radioactivity, we have procured an instrument and the monitoring is being done on monthly basis. So far no radioactive emission from coal is observed. Heavy metals in Bottom ash is monitored on half-yearly basis. Report is enclosed as **Annexure- X.**
(xxxvi)	Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land	Measures such as Bag filters, Dust Extraction system, Water Sprinkling are in use and working efficiently to control fugitive emission in CHP & AHP Area
(xxxvii)	Minimum required environmental flow suggested by the competent authority of the State Govt. shall be maintained in channel/ Rivers (as applicable) even in lean season	Noted and complied.
(xxxviii)	Green belt shall also be developed around the ash pond over and above the Green belt around the plant boundary	Green belt has been developed over an area of 243.77 Ha (approx 40%) including township for St_1 & St_2. A total of 554202 trees / shrubs are already planted till date. Survival Rate is approx 90%. Local species are chosen for developing greenbelt. More than 15000 trees have been planted so far around the ash dyke.
(xxxix)	Monitoring of surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring of heavy metals in ground water shall be undertaken.	Surface water quality is monitored regularly and report is enclosed as **Annexure_XII.** Ground water monitoring for heavy metals being done on six monthly basis and report is enclosed as **Annexure_IV with Stage_1 Compliance.**
(xl)	CSR Schemes shall address public hearing issues and shall be undertaken based on need based assessment in and around the villages within 5.0 km of the site and in constant consultation with the	The Goal of RPSCL is to emerge as a sensitive corporate house, focusing on Livelihood of land losers in particular and In addition the company is also addressing issues regarding health, social welfare, improvement of quality of life of

Sr. No.	Stipulated Clearance Conditions	Compliance status
	village panchayat and the District Administration. As part of CSR prior identification of local employable youth and eventual employment of in the project after imparting relevant training shall be also 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.	all inhabitants of Project Affected villagers. The Company carried out a Survey/Need Assessment of all PAVs through a external agencies and after due interactive process embarked CSR activities to include: • Livelihood (Capacity Building of Youths & women's) – Unnati Project • Health Services – Swasth Chetna Project • Quality Education – Hamari Patshala Project • Social Infrastructure initiatives. Consultation on each intervention is shared on a day to day basis with the respective Gram Panchayats & Concern Government Officials. Brief report of expenditure along with programmes undertaken in last 3 years is enclosed as **Annexure – XIII.**
(xli)	For proper and periodic monitoring of CSR activities, a CSR Committee or a social audit committee or a suitable credible external agency shall be appointed. CSR Activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.	As per the revised companies Act , 2013, CSR Committee as per Sec 135.3.a is formed. Evaluation of each specific CSR intervention is monitored & evaluated by the CSR Committee. All the activities initiated are as per the Schedule VII of Companies Act ,2013. An independent agency has been assigned with the CSR work evaluation.
(xlii)	An Environmental Cell comprising of at least one expert in environmental science/ engineering, ecology, occupational health and social science, shall be created preferably at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the plant who would be accountable for implementation of environmental regulations and social impact improvement/ mitigation measures.	Rosa Power has a well equipped Environmental Cell comprising of environmental expert and staff which is headed by Head-EHS. The organization structure is enclosed as **Annexure-IX of Stage_I.**
(xliii)	The project proponent shall formulate a well laid Corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.	Corporate Environmental Policy is formulated. Copy of same is enclosed as **Annexure-XIV.**

Sr. No.	Stipulated Clearance Conditions	Compliance status
4	All other conditions mentioned in the ministry's letter of even no. dated 20.07.2009 as amended shall remain the same.	Noted
Environment (Protection Amendment Rules, 2Ol4 – Notification No. G.S.R. O2(El dated 24 Jan.2014, regarding supply and use of coal with ash content not exceeding 34% to coal based Thermal Power Plants – compliance reg.		
The Thermal Power Pants attracting the said Notification shall submit its Compliance to the Ministry Regional Office and SPCB concerned along with the compliance reports of the environmental safeguards stipulated in the Ecs and Consents.		Coal used by RPSCL has ash content less than 34%. **Refer Annex_III of Satge I Compliance.**
MOEF Office Memorandum No. Q-15017/40/2007-CPW, dt. 26.08.2015: Protocol for sampling, analysis of Coal and reporting of compliance wrt. Notification on use & supply of raw or blended or beneficiated coal with Ash content not exceeding 34%. –reg		
Ash content monitoring (sampling and analysis) technique of coal TPP to installed & operate real-time monitoring system. Real time monitoring using auto mechanical sampling (online) from moving stream shall be used for sampling fuels this shall be effective from a date not later 01.09.2016.		Complied. Online Coal Ash Analyser had been installed for real time Ash% monitoring.
S.O. 3305(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:— 1. (1) These rules may be called the Environment (Protection) Amendment Rules, 2015 dated 7th December, 2015.		
i	All existing CT-based plants reduce specific water consumption upto maximum of 3.5m^3/MWh within a period of two years from the date of Publication of this notification.	Complied. Specific water consumption is below 3.5m^3/MWh
ii	TPPs (units) installed after 1st January,2003, upto 31st December, 2016* a) Particulate Matter: 50 mg/Nm3 b) Sulphur Dioxide (SO2) : 600 mg/Nm3 (Units Smaller than 500MW capacity units) c) Oxides of Nitrogen (NOx): 300 mg/Nm3 d) Mercury (Hg :) 0.03 mg/Nm3	Noted. Noted. a) Emission Norms for Particulate Matter is 50 mg/Nm^3 as per Environmental Clearance Condition and there was no norms for SOx, NOx and Hg. MoEF&CC published its Notification in 2015 for New Emission norms for Particulate Matter, SOx, NOx and for Hg and the Compliance completion date was before Jan-18.– CPCB/CEA give relaxation to this Compliance condition to comply this Norms upto Dec-2021 for RPSCL. b) RPSCL has made DPR for implementation of New Emission Norms as per guidelines of CEA and Submitted to CEA authority for cost approval. c) Vendor finalization for ESP up gradation, wet FGD installation and NOX control is in

Sr. No.	Stipulated Clearance Conditions	Compliance status
		process and will comply on or before Dec-21. d) Hg emission is well below stipulated norms. Hence, there is no requirement for Hg control technology up gradation. e) Achieving the prescribed Norms. Refer Annex-2, Stack Emission Monitoring Report.

Annexure-2
Stack Emission Monitoring Report
Stage_II

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352
Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)
Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus,
New Delhi-110 001, India
☎ 011-4151 3601, 3606 Fax: 011-2331 0093
Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II
Gwalior-474 011, M.P., India
☎ 0751-223 2177, 409 9916

OHSAS 18001:2007

TEST REPORT

Company Name	:	Rosa Power Supply Co. Ltd.	**Date of Issue**	:	02/06/2018
Address	:	Rosa, Shahjahanpur, UP, India	**Date of Sample Received**	:	01/05/2018 To 31/05/2018
Location	:	Stack Monitoring	**Monitoring Conducted by**	:	Sampling Staff
Source of Monitoring	:	Boiler Stack -3 (Bi-Flue) of Stage - 2	**Environment2018 Conditions during Sampling**	:	Sunny
Lab. Ref. No.	:	AETRL/2018/CHEM/ST/134-15	**Materi2018 of Construction**	:	MS
Dispatch No.	:	D2018TR00	**Height From Ground Level**		65 M

	Boiler Stack - 3
Stack Area / Shape	05M/ Circular
Capacity	1025 TPH
Type of Fuel Used/Consumption per day	Co2018/ 190tph
Thimble No.	M-3,5,8&12
Stack Height (M)	275

TEST RESULT

Date of Monitoring	Temperature (0C)	Velocity (m/s)	SO_2 (mg/Nm3)	NO_x (mg/Nm3)	P.M. (mg/Nm3)
04.05.18	128.00	27.53	445.33	284.48	39.44
12.05.18	127.00	26.53	453.33	287.64	44.44
18.05.18	129.00	28.08	464.00	295.77	47.20
25.05.18	133.00	28.80	488.00	281.81	38.60

Advanced Environmental Testing And Research Lab Private Limited
Gwalior

(Authorized Signatory)

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352
Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)
Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus,
New Delhi-110 001, India
☎ 011-4151 3601, 3606 Fax: 011-2331 0093
Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II
Gwalior-474 011, M.P., India
☎ 0751-223 2177, 409 9916

OHSAS 18001:2007

TEST REPORT

Company Name	:	Rosa Power Supply Co. Ltd.	**Date of Issue**	:	02/06/2018
Address	:	Rosa, Shahjahanpur, UP, India	**Date of Sample Received**	:	01/05/2018 To 31/05/2018
Location	:	Stack Monitoring	**Monitoring Conducted by**	:	Sampling Staff
Source of Monitoring	:	Boiler Stack -4 (Bi-Flue) of Stage - 2	**Environment2018 Conditions during Sampling**	:	Sunny
Lab. Ref. No.	:	AETRL/2018/CHEM/ST/134-16	**Materi2018 of Construction**	:	MS
Dispatch No.	:	D2018TR00	**Height From Ground Level**		65 M

	Boiler Stack - 4
Stack Area / Shape	05M/ Circular
Capacity	1025 TPH
Type of Fuel Used/Consumption per day	Co2018/ 190tph
Thimble No.	M-4,6,9&13
Stack Height (M)	275

TEST RESULT

Date of Monitoring	Temperature (0C)	Velocity (m/s)	SO_2 (mg/Nm3)	NO_x (mg/Nm3)	P.M. (mg/Nm3)
04.05.18	127.00	27.79	448.00	269.42	42.10
12.05.18	126.00	27.69	461.33	276.98	42.90
18.05.18	128.00	28.33	485.33	286.40	42.30
25.05.18	130.00	28.97	496.00	274.84	47.30

Advanced Environmental Testing And Research Lab Private Limited Gwalior

(Authorized Signatory)

Annexure-10
Bottom Ash Analysis Report

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352
Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)
Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus,
New Delhi-110 001, India
☎ 011-4151 3601, 3606 Fax: 011-2331 0093
Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II
Gwalior-474 011, M.P., India
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OHSAS 18001:2007

TEST REPORT

Company Name: Rosa Power Supply Co. Ltd.	**Date of Issue:** 02/06/2018
Address: Rosa, Shahjahanpur, UP, India	**D/o Sample received:** 16.05.2018
Nature of Sample: Bottom Ash	**Qty of sample:** 2Kg
Lab. ref. No: AETRL\2018/CHEM/S/0134-34	**Sample bottle:** Plastic packing
	Sampling Done By: AETRL Staff

TEST RESULT

S.No.	Parameters	Unit	Result			
			Unit-I	Unit-II	Unit- III	Unit- IV
1.	pH	Mg/gm	8.62	8.44	8.60	8.64
2.	Moisture	Mg/gm	60.22	57.48	56.48	60.48
3.	Chromium(as Cr)	Mg/gm	0.49	0.40	0.42	0.48
4.	Lead(as Pb)	Mg/gm	0.45	0.47	0.46	0.47
5.	C2018cium (asCaO)	Mg/Kg	2.14	2.10	2.13	2.15
6	Arsenic(as As)	Mg/gm	ND	ND	ND	ND
7.	Magnesium (as MgO)	Mg/Kg	0.74	0.69	0.69	0.74
8.	Organic Matter	%	178.2	174.4	176.32	180.1
9	Silica (asSiO_2)	Mg/Kg	55.64	58.46	54.22	60.21
10	Phosphate(asP_2O_5)	Mg/gm	1.37	1.30	1.36	1.40

Advanced Environmental Testing And Research Lab Private Limited

(Authorized Signatory)

Annexure_11
Sulphur Content in LDO

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352
Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)
Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus,
New Delhi-110 001, India
☎ 011-4151 3601, 3606 Fax: 011-2331 0093
Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II
Gwalior-474 011, M.P., India
☎ 0751-223 2177, 409 9916
Email: aelgwalior@gmail.com, aetrlcenter@gmail.com, www.aetrl.com

OHSAS 18001:2007

TEST REPORT

Company Name	:	Rosa Power Supply Co. Ltd.	**Date of Issue**	:	04/09/2018
Address	:	Rosa, Shahjahanpur, UP, India	**Date of Sample Received**	:	19/08/2018
Nature of Sample	:	Coal Sample	**Qty of Sample**	:	1.0 kg
Lab.Ref.No.	:	AETRL/2018/CHEM/WW/0155-28	**Sample Bottle**	:	Plastic Packaging
Dispatch No.	:	D2018TR00	**Sample Description**	:	Coal Sample
Sample Collected by		Sampling Staff	**D/o Sample Taken**		18/082018
D/o Sample Analysis	:	19/08/2018	**D/o of Completion Analysis**	:	27/08/2018

TEST RESULTS

S. No.	Parameters	Test Method as Per IS	Unit	Test Value
1.	Sulphur Content	IS 1350(P-III)-1969	%	0.28
2.	Ash Content	IS 1350(P-III)-1948	%	34.0

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Advanced Environmental Testing And Research Lab P. Ltd.

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Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II
Gwalior-474 011, M.P., India
☎ 0751-223 2177, 409 9916
Email: aelgwalior@gmail.com, aetrlcenter@gmail.com, www.aetrl.com

OHSAS 18001:2007

TEST REPORT

Company Name	:	Rosa Power Supply Co. Ltd.	**Date of Issue**	:	04/09/2018
Address	:	Rosa, Shahjahanpur, UP, India	**Date of Sample Received**	:	19/08/2018
Nature of Sample	:	Oil Sample(LDO/HFO)	**Qty of Sample**	:	1.0 kg
Lab.Ref.No.	:	AETRL/2018/CHEM/WW/0155-29	**Sample Bottle**	:	Plastic Packaging
Dispatch No.	:	D2018TR00	**Sample Description**	:	Oil Sample
Sample Collected by		Sampling Staff	**D/o Sample Taken**		18/082018
D/o Sample Analysis	:	19/08/2018	**D/o of Completion Analysis**	:	27/08/2018

TEST RESULTS

S.No.	Parameters	Test Method as Per IS	Unit	Test Value
1.	Sulphur Content	IS 1348(P-III)-1969	%	0.31

Advanced Environmental Testing And Research Lab P. Ltd. Gwalior

(Authorized Signatory)

Annexure-12
Surface Water Quality Analysis Report

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352
Approved: by Ministry of Environment, Forest and Climate Change (MoEF&CC)
Regional Office: BMS Business Center, 10 PVR Plaza Complexes Connaught Circus,
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☎ 011-4151 3601, 3606 Fax: 011-2331 0093
Registered Office: 63/1, Kailash Vihar, Near Income Tax Office, City Center-II
Gwalior-474 011, M.P., India
☎ 0751-223 2177, 409 9916

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TEST REPORT

Company Name	:	Rosa Power Supply Co. Ltd.	**Date of Issue**	:	02/06/2018
Address	:	Rosa, Shahjahanpur, UP, India	**Date of Sample Received**	:	17/05/2018
Nature of Sample	:	Surface Water At Garrah River	**Qty of Sample**	:	2.0 Lt
Lab. Ref. No.	:	AETRL/2018/CHEM/WW/134-26	**Sample Bottle**	:	Plastic packing
Dispatch No.	:	D2018TR00	**Sample Description**	:	Before Intake
Samle Collected by		Sampling Staff	**D/o Sample Taken**		16/05/2018
D/o Sample An2018ysis	:	18/05/2018	**D/o of Completion An2018ysis**	:	25/05/2018

TEST RESULT

S. No.	PARAMETER	UNIT	RESULTS	Standards	
				Inland Surface water	Public Sewers
1	Colour	…..	<5	5 max.	25 max.
2	Odour	…..	Unobjectionable	Unobjectionable	No Relaxation
3	Suspended Solids	Mg/l	72.3	100	600
4	Particle size of Suspended Solids	Micron	654.0	850 micron	….
5	pH v2018ue	….	7.78	5.5 to 9.0	5.5 to 9.0
6	Temperature	^{0}c	31.2	Sh2018l not exceed 5^0c Above the receiving Water temperature	….
7	Oil & grease	mg/l	BDL	10.0	20.0
8	Iron as Fe	mg/l	1.5	3.0	3.0
9	Tot2018 Residu2018 Chlorine	mg/l	0.46	1.0	…
10	Ammonic2018 Nitrogen	mg/l	34.2	50.0	50.0
11	Tot2018 nitrogen	mg/l	56.3	100.0	100.0
12	Free ammonia (as NH_3)	mg/l	2.80	5.0	…
13	Biochemic2018 oxygen demand (3 days at 27 ^{0}c)	mg/l	7.4	30.0	350.0
14	Chemic2018 oxygen demand	mg/l	52.0	250.0	…
15	Arsenic (as As)	mg/l	0.14	0.2	0.2
16	Mercury (as Hg)	mg/l	<.01	0.01	0.01
17	Lead (as Pb)	mg/l	<.1	0.1	0.1

Advanced Environmental Testing And Research Lab Pvt. Ltd. Gwalior

(Authorized Signatory)

Advanced Environmental Testing And Research Lab P. Ltd.

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18	Cadmium(as Cd)	mg/l	1.3	2.0	1.0
19	Hexav2018ent chromium (as Cr^{+6})	mg/l	<.1	0.1	2.0
20	Tot2018 chromium(as Cr)	mg/l	1.6	2.0	2.0
21	Copper (as Cu)	mg/l	1.7	3.0	3.0
22	Zinc (as Zn)	mg/l	1.4	5.0	15.0
23	Selenium (as Se)	mg/l	<.05	0.05	0.05
24	Nickel (as Ni)	mg/l	1.5	3.0	3.0
25	Cyanide (as CN)	mg/l	<.2	0.2	0.2
26	Fluoride (as F)	mg/l	1.4	2.0	15.0
27	Dissolved phosphate (as P)	mg/l	2.3	5.0	…
28	Sulphide (as S)	mg/l	1.4	2.0	…
29	Phenolic compound (as C6H5OH	mg/l	0.57	1.0	5.0
30	Radioactive materi2018s				
	a. α emitters micron cure b. β emitter micron cure		10-9 10-9	10-7 10-7	10-7 10-7
31	Bio-assay test	mg/l	99% surviv2018 of Fish after 96 hour in 100% effluent	90% surviv2018 of Fish after 96 hour in 100% effluent	90% surviv2018 of Fish after 96 hour in 100% effluent
32	Manganese(as Mn)	mg/l	1.2	2.0	2.0
33	Vanadium(as V)	mg/l	0.18	0.2	0.2
34	Nitrate Nitrigen	mg/l	4.4	10.0	…

Advanced Environmental Testing And Research Lab Private Limited Gwalior

(Authorized Signatory)

Advanced Environmental Testing And Research Lab P. Ltd.

CIN: U73100MP2002PTC015352
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OHSAS 18001:2007

TEST REPORT

Company Name	:	Rosa Power Supply Co. Ltd.	**Date of Issue**	:	02/06/2018
Address	:	Rosa, Shahjahanpur, UP, India	**Date of Sample Received**	:	17/05/2018
Nature of Sample	:	Surface Water At Garrah River	**Qty of Sample**	:	2.0 Lt
Lab. Ref. No.	:	AETRL/2018/CHEM/WW/134-27	**Sample Bottle**	:	Plastic packing
Dispatch No.	:	D2018TR00	**Sample Description**	:	After Discharge
Samle Collected by		Sampling Staff	**D/o Sample Taken**		16/05/2018
D/o Sample An2018ysis	:	18/05/2018	**D/o of Completion An2018ysis**	:	25/05/2018

S. No.	PARAMETER	UNIT	RESULTS	Standards	
				Inland Surface water	Public Sewers
1.	Colour	.....	<5	5 max.	25 max.
2.	Odour	.....	Unobjectionable	Unobjectionable	No Relaxation
3.	Suspended Solids	Mg/l	57.0	100	600
4.	Particle size of Suspended Solids	Micron	636.0	850 micron	....
5.	pH v2018ue	....	7.75	5.5 to 9.0	5.5 to 9.0
6.	Temperature	^{0}c	32.5	Sh2018l not exceed 5^{0}c Above the receiving Water temperature	....
7.	Oil & grease	mg/l	BDL	10.0	20.0
8.	Iron as Fe	mg/l	1.7	3.0	3.0
9.	Tot2018 Residu2018 Chlorine	mg/l	0.48	1.0	...
10.	Ammonic2018 Nitrogen	mg/l	30.24	50.0	50.0
11.	Tot2018 nitrogen	mg/l	35.3	100.0	100.0
12.	Free ammonia (as NH_3)	mg/l	2.18	5.0	...
13.	Biochemic2018 oxygen demand (3 days at 27 ^{0}c)	mg/l	5.7	30.0	350.0
14.	Chemic2018 oxygen demand	mg/l	52.0	250.0	...
15.	Arsenic (as As)	mg/l	0.17	0.2	0.2
16.	Mercury (as Hg)	mg/l	<.01	0.01	0.01
17.	Lead (as Pb)	mg/l	<.1	0.1	0.1

Advanced Environmental Testing And Research Lab Pvt. Ltd. Gwalior

(Authorized Signatory)

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OHSAS 18001:2007

18.	Cadmium(as Cd)	mg/l	1.7	2.0	1.0
19.	Hexav2018ent chromiu(as Cr^{+6})	mg/l	<.1	0.1	2.0
20.	Tot2018 chromium(as Cr)	mg/l	0.94	2.0	2.0
21.	Copper (as Cu)	mg/l	1.44	3.0	3.0
22.	Zinc (as Zn)	mg/l	2.5	5.0	15.0
23.	Selenium (as Se)	mg/l	<.05	0.05	0.05
24.	Nickel (as Ni)	mg/l	1.3	3.0	3.0
25.	Cyanide (as CN)	mg/l	<.2	0.2	0.2
26.	Fluoride (as F)	mg/l	1.8	2.0	15.0
27.	Dissolved phosphate (as P)	mg/l	2.1	5.0	…
28.	Sulphide (as S)	mg/l	1.5	2.0	…
29.	Phenolic compound (as C_6H_5OH	mg/l	0.63	1.0	5.0
30.	Radioactive materi2018s				
	c. α emitters micron cure d. β emitter micron cure		10^{-9} 10^{-9}	10^{-7} 10^{-7}	10^{-7} 10^{-7}
31.	Bio-assay test	mg/l	99% surviv2018 of Fish after 96 hour in 100% effluent	90% surviv2018 of Fish after 96 hour in 100% effluent	90% surviv2018 of Fish after 96 hour in 100% effluent
32.	Manganese(as Mn)	mg/l	1.2	2.0	2.0
33.	Vanadium(as V)	mg/l	0.18	0.2	0.2
34.	Nitrate Nitrigen	mg/l	3.4	10.0	…

Advanced Environmental Testing And Research Laboratory Private Limited Gwalior

(Authorized Signatory)

Annexure-13
Annual CSR Report FY 2017-18

Annex_13

Rosa Power & Supply Company Ltd
Half Yearly CSR Report- Jan to June 2018

Education – Project Hamari Pathshala

- **Running Remedial Centres in 10 schools**
  - 96 students were mainstreamed and average attendance for the year was 81%.
- **Mobile Computer Education for Class 5 students**
  - 305 students across 10 Government Primary Schools .
- **Additional Coaching for Board Exams and Tuitions for Entrance Tests**
  - Coaching provided to 24 and 56 students appearing in 10^{th} & 12^{th} Board respectively.(100% result achieved.)
  - Navodaya Entrance Test - Special tuition for 53 students (Result Awaited)
- **Celebrated Republic Day in all 10 Government Primary School with** approx. 1650 students
- **Parent Teacher Meetings** held with 460 parents in all 10 Government Primary Schools.
- Felicitated District Toppers of all 3 Boards i.e. UP Board ,CBSE & ICSE of 10^{th} & 12^{th} Std. Total students felicitated were 44.

Healthcare – Project Swasth Chetna

- Mobile Health Unit catered 6997 individuals from 13 earmarked villages through OPD & free of cost medicines.
- Physiotherapy Centre catered 2175 individuals in the District Hospital
- Promoting Institutional Deliveries through Janani Suraksha Yojana
  - 135 Institutional deliveries out of 194 in our earmarked villages i.e. 69.59% achieved
  - 12 village-level meetings held with 138 pregnant and 110 lactating women – to promote infant hygiene and pre/post natal care
- **Facilitating Village Health & Nutrition Day (VHND) -** to ensure 100% immunization in children
  - The programme had 1175 beneficiaries in the specific time period.
- **Kishori Jagrukta Baithak - Awareness Programmes for Adolescent Girls**
  - Workshops held quarterly, informing & sensitizing them on menstrual hygiene
- **Voluntary Blood Donation Camps – twice a year**
  - 86 no. of Donors ,highest Ever on any single occasion which was organized in our Administrative Building.

Rural Transformation – Project Unnati and Yogdaan

A. Infrastructure Development and Promotional Initiatives

- **Construction of** drainages & Interlocking Road in 4 earmarked villages
- **Constructed** 25 individual houses (with toilets) in one of our earmarked village.
- **Construction** of 11 crimination shed in earmarked village.
- **Renovation in schools –** Renovated 3 Government Primary Schools of earmarked villages
- **Renovated** Aanganwadi in one of our earmarked village.
- **Construction of Toilet Complex** in one educational institute.
- **Street Lights** - Installation of traffic light at SH 25, at 7 KM Stretch .

Rural Transformation – Project Unnati and Yogdaan

B. Market linked Livelihood Programmes and Animal Husbandry Initiatives

- **Support Self Help Groups (SHGs)**
  - **Paper Plate Making SHG –** members earned INR 58,278
  - **Sweet Box Making SHG –** members earned INR 31,900
  - **Stitching and Tailoring –** Youths earned INR 55,000
- **Fodder Development and Breed Improvement activities**
  - 49 beds of Azolla fodder laid out
  - 190 farmers from earmarked village adopted Makhan Grass for their cattle
  - 33 cattle vaccinated, 115 cattle artificially inseminated.
- **Financial Inclusion**
  - **Old Age Pension –** 420 beneficiaries; **Widow Pension –** 286 beneficiaries

Rural Transformation – Project Unnati and Yogdaan

500 Blankets distribution for the most needy & deprived individuals - Recognizing that there are many vulnerable people who are being affected during winter season, Rosa Power distributed blankets to those in the greatest need.

Sweaters for the women's engaged in Mid Day Meal in Government School -Women's engaged in Mid Day Meal were provided Readymade Sweaters of 10 Government Primary Schools.

Two Days Capacity Building Workshop organized for the Members of SHGs – 2 Days workshop was organized for the members of Self Help Group on basic procedure of SHGs & Documentation procedures

Celebration of Employee Volunteering Day at Rosa . We at Rosa celebrated Employee Volunteering Day by personal invitation to each nominated employees.Total 32 RPSCL executives were nominated as Reliance Volunteers for 17-18, which is the highest no of employees nominated as Volunteers of the Year in Rosa in any Financial Year.

Goat Development Workshop - A training on goat development was organized at project office Chaudhera,Shahjahanpur. Dr Shushant Srivastava Associate professor and Dr Naveen Kumar, Assistant professor from College of Animal Husbandry and Veterinary Science has participated for technical input. Total 27 members/goat rearers have participated in this training.

Celebration of International Women's Day - We Celebrated International Women's Day with more than 284 women of our SHGs (Self Help Group) & Women Sarpanch of our earmarked Villages in the Community Center of Kaneng Village.

Environment and Swachh Bharat Abhiyan

- **Plantation drive on World Environment Day**
  - 5000 saplings were planted adjacent to one of our earmarked village.
- **Solar Mini-Grids –** Operations and Maintenance
  - O&M of 64 solar mini grids catering to 2,182 households in our earmarked villages
  - 35 Solar Street Lights were installed in one of our Earmarked Village.
- **Awareness Campaigns on Sanitation and Hygiene**
  - Regular monthly meeting organized with Village Health & Sanitaton Committee of Earmarked Village.

Award & Recognizition

➢**Rosa Power Supply Company Limited, Shahjahanpur has been selected for "Gold" Award in "2nd Annual EKDKN EXCEED AWARD 2018" under CSR Category in Power (Inclusive Renewable) Sector.**

➢**Appreciation Letter from District Education Officer,Shahjahanpur for Hamari Pathshala Project.**

➢**Rosa Power received Appreciation Certificate & Memento on the occasion of World Blood Donor Day by District Health Department Shahjahanpur.**

रक्तदान महादान

Donate Blood Save Lifes

NATIONAL HEALTH MISSION

"किसी और के लिए उपस्थित रहे–रक्तदान करे, जीवनदान करे"

विश्व रक्तदाता दिवस, 14 जून 2018

जिला चिकित्सालय, शाहजहाँपुर (उत्तर प्रदेश)

।। प्रशस्ति पत्र ।।

SBTC

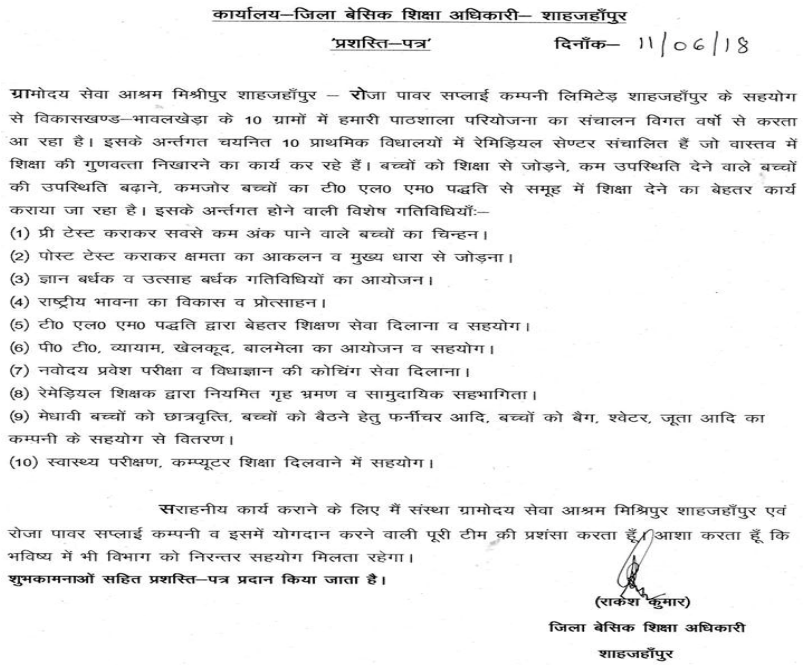
प्रमाणित किया जाता है कि रिलायन्स थर्मल पावर, रोज़ा शाहजहांपुर

ने स्वैच्छिक रूप से स्वयं / संस्था द्वारा नियमित रक्तदान किया है एवं समय-समय पर इनके / संस्था द्वारा स्वैच्छिक रक्तदान हेतु स्वैच्छिक रक्तदाताओं को प्रोत्साहित किया गया है। स्वैच्छिक रक्तदान के क्षेत्र में इनकी / संस्था का अतुलनीय सहयोग प्रशंसनीय है।

रक्तकोष प्रभारी
जिला चिकित्सालय, शाहजहाँपुर

मुख्य चिकित्सा अधीक्षक
जिला चिकित्सालय, शाहजहाँपुर

Appreciation Certificate



कार्यालय–जिला बेसिक शिक्षा अधिकारी– शाहजहाँपुर

'प्रशस्ति–पत्र' दिनाँक– 11/06/18

ग्रामोदय सेवा आश्रम मिश्रीपुर शाहजहाँपुर – रोजा पावर सप्लाई कम्पनी लिमिटेड़ शाहजहाँपुर के सहयोग से विकासखण्ड–भावलखेड़ा के 10 ग्रामों में हमारी पाठशाला परियोजना का संचालन विगत वर्षो से करता आ रहा है। इसके अर्न्तगत चयनित 10 प्राथमिक विधालयों में रेमिड़ियल सेण्टर संचालित हैं जो वास्तव में शिक्षा की गुणवत्ता निखारने का कार्य कर रहे हैं। बच्चों को शिक्षा से जोड़ने, कम उपस्थिति देने वाले बच्चों की उपस्थिति बढ़ाने, कमजोर बच्चों का टी0 एल0 एम0 पद्धति से समूह में शिक्षा देने का बेहतर कार्य कराया जा रहा है। इसके अर्न्तगत होने वाली विशेष गतिविधियाँ:–

(1) प्री टेस्ट कराकर सबसे कम अंक पाने वाले बच्चों का चिन्हन।
(2) पोस्ट टेस्ट कराकर क्षमता का आकलन व मुख्य धारा से जोड़ना।
(3) ज्ञान बर्धक व उत्साह बर्धक गतिविधियों का आयोजन।
(4) राष्ट्रीय भावना का विकास व प्रोत्साहन।
(5) टी0 एल0 एम0 पद्धति द्वारा बेहतर शिक्षण सेवा दिलाना व सहयोग।
(6) पी0 टी0, व्यायाम, खेलकूद, बालमेला का आयोजन व सहयोग।
(7) नवोदय प्रवेश परीक्षा व विधाज्ञान की कोचिंग सेवा दिलाना।
(8) रेमेड़ियल शिक्षक द्वारा नियमित गृह भ्रमण व सामुदायिक सहभागिता।
(9) मेधावी बच्चों को छात्रवृत्ति, बच्चों को बैठने हेतु फर्नीचर आदि, बच्चों को बैग, श्वेटर, जूता आदि का कम्पनी के सहयोग से वितरण।
(10) स्वास्थ्य परीक्षण, कम्प्यूटर शिक्षा दिलवाने में सहयोग।

सराहनीय कार्य कराने के लिए मैं संस्था ग्रामोदय सेवा आश्रम मिश्रिपुर शाहजहाँपुर एवं रोजा पावर सप्लाई कम्पनी व इसमें योगदान करने वाली पूरी टीम की प्रशंसा करता हूँ, आशा करता हूँ कि भविष्य में भी विभाग को निरन्तर सहयोग मिलता रहेगा।

शुभकामनाओं सहित प्रशस्ति–पत्र प्रदान किया जाता है।

(राकेश कुमार)
जिला बेसिक शिक्षा अधिकारी
शाहजहाँपुर

Appreciation Letter

CSR Gallery & Print Media Coverage

Felicititation of Meritorious Students of Shahjahanpur District.

Celebration of Employee Volunteering Day

Mass Plantation Drive

Celebration of Republic Day

Stall Exhibited on Non Farm based livelihood & T.L.M of Hamari Pathshala

Exposure visit of interested members of SHG to Sanitary Napkin Manufacturing Unit.

महाचौपाल में शिव शक्ति सहायता समूह की महिलाओं को सम्मानित किया गया ।

स्वयं सहायता समूह की महिलाएं सम्मानित

रिलायंस पॉवर के सहयोग से चलने वाले शिव शक्ति स्वयं सहायता समूह और बालाजी स्वयं सहायता समूह की महिलाओं को महाचौपाल में सम्मानित किया गया। सीमा सिंह, नन्ही देवी, सुनीता, राजेश्वरी देवी, सावित्री देवी, शकुंतला, माधुरी, किरन, पुष्पा, संतोष, नंदरानी, मधु आदि को प्रशस्ति पत्र और गिफ्ट देकर सम्मानित किया गया।

Members of Self help Group were recognized on a district level

ग्रामीण अंचल की महिलाओं को भी मिला मान-सम्मान

अमर उजाला ब्यूरो

शाहजहांपुर

रोजा थर्मल पावर में आयोजित कार्यक्रम में महिलाओं को सम्मानित किया गया।

अंतरराष्ट्रीय महिला दिवस पर रोजा पावर सप्लाई परियोजना क्षेत्र के गांवों की महिलाओं के लिए महासम्मेलन का आयोजन किया गया। इस अवसर पर महिलाओं को सम्मानित किया गया।

ग्राम कनेंग के सामुदायिक केंद्र में हुए सम्मेलन में परियोजना क्षेत्र के 11 गांवों से 23 महिला स्वयं सहायता समूह की 284 अन्य महिलाओं ने भाग लिया। महिलाओं ने एक दूसरे को फूल मालाएं पहनाकर स्वागत किया। इस अवसर पर स्वयं सहायता समूह की महिलाओं ने समूह के अंतर्गत किये जा रहे जीवकोपार्जन के विभिन्न कार्यों से सम्बन्धित अनुभवों को एक दूसरे के साथ साझा किया। कार्यक्रम का शुभारम्भ महिलाओं ने संयुक्त रूप से दीप प्रज्ज्वलित कर और मां सरस्वती की वंदना से किया। ग्रामीण परिवेश की इन महिलाओं ने अपने द्वारा तैयार स्वच्छता, स्वास्थ्य एवं स्वयं सहायता समूह पर आधारित विभिन्न प्रकार के नाटकों सफाई से सगाई तक, औरत की पहचान, यक्ष-युधिष्ठिर संवाद का मंचन किया, वहीं प्रेरणादायी गीत भी गाए। इस अवसर ग्राम प्रधान सुधा देवी, अर्चना देवी आदि ने कार्यक्रम प्रस्तुत करने वाली महिलाओं को पुरस्कृत भी किया।

Celebration of International Women's Day

Village Health & Nutrition Day

Self Help Group Meetings

Capacity Building of Members of Self Help Group

दूधिया रोशनी से जगमगा उठीं बेहटी की गलियां

अमर उजाला ब्यूरो

शाहजहांपुर।

रिलायंस रोजा पावर परियोजना ने अपने प्रभावित गांव बेहटी को सोलर लाइटों का तोहफा दिया है। गांव की जो गलियां शाम ढलते ही अंधेरे में डूबने लगती थीं, वह अब दूधिया रोशनी से जगमगाने लगी हैं।

ग्राम बेहटी में रोजा पावर सप्लाई कंपनी 35 सोलर स्ट्रीट लाइटों का तोहफा दिया है। कंपनी की ओर से प्रभावित 11 गांवों में रोशनी बांटी जा चुकी है। इसके अलावा गत वर्ष 10वीं और 12वीं के छात्र-छात्राओं को भी पढ़ाई के लिए सोलर लाइटें दी गई थीं। इसी क्रम में गांव बेहटी को भी जगमग कर दिया गया है। सोलर लाइटें लगने से गांव की गलियों में देर रात तक बच्चे खेलते हुए मौजमस्ती में डूबे हुए हैं। इतना ही नहीं, जो दुकानें वा गांव की चहल-पहल पहले सांझ ढले ही सन्नाटे में तब्दील हो जाती थी, रोशनी होने से दुकानें भी देर तक खुलने लगी हैं।

गांव में सोलर स्ट्रीट लाइटें लगवाने से लोग खुश हैं।

रिलायंस पॉवर प्रोजेक्ट ने गांव में लगवाई सोलर स्ट्रीट लाइटें

ग्राम पंचायत बेहटी में रोजा परियोजना की ओर से बराबर विकास के कार्य किए जा रहे हैं। कंपनी ने गांव में लाइट लगवाकर ग्रामवासियों की मुराद पूरी की है। गली- कूचों में लाइट लगने से चोरी का खतरा भी नहीं रहेगा और बच्चों को पढ़ाई में भी मन लगेगा। परियोजना ने घरों में भी बिजली की व्यवस्था कर अच्छा कार्य किया है। उम्मीद करती हूं कि आगे भी कंपनी से इसी तरह का सहयोग मिलता रहेगा।

– अर्चना देवी, प्रधान, ग्राम पंचायत बेहटी

Green Fodder Development

Veterinary Camp & Capacity building on livestock's development.

Construction of Interlocking road

Construction of Cremation Sheds.

Renovation of Community Center

Construction of Toilet Complex.

Annexure-14
Corporate Environmental Policy

Reliance Power Limited
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CORPORATE ENVIRONMENTAL POLICY

Reliance Power Limited and its subsidiaries are focused on power generation and coal mining in various states of India. Reliance Power regards climate change mitigation and environmental protection and improvement as essential features of its business practice.

Reliance Power aims at Sustainable Development by conservation of resources and espouses of state of art technology by adopting best practices among industries among industries to make itself an environmentally safe and sound organization.

As a responsible Power generation and coal mining company, we shall adopt the best practices in order to achieve excellence in environmental performance, in all of our Operations. Towards this end, we shall:

- Adopt appropriate operational practices of clean and green technologies to monitor, control and minimize the impact on environment;
- Compliant with all applicable statutory rules / regulations / guidelines and stipulations;
- Communicate, Educate, motivate and Ensure that policy is understood, implemented and maintained by employees and stakeholders to deliver their responsibilities in environmentally responsible manner;
- Effective data base management & continual improvement of environmental performance by setting appropriate objectives and targets to prevent pollution, minimize waste and optimum utilization of natural resources;
- Create awareness on different avenues of Ash Utilization and its environmental benefits across various sections of society;
- Develop and maintain a highly motivated work force for effective management of environment and emergency situations;
- Evaluate and modify environmental management practices considering all applicable regulatory requirements, community concerns and technological advancements.

Date: 01st November 2014

Sr. Executive Vice - President