

ADHUNIK POWER AND NATURAL RESOURCES LIMITED



WORKS : Village - Padampur, Behind P.G.C.I.L Substation,
Adityapur Kandra Road, Saraikeela - Kharswan : 832402, Jharkhand
Phone : + 91-657-6628400, Fax : + 91-657-6688440

Ref: MO&F, BBS/HYC/PS/25112014/01

Dated: 25.11.2014

To,

The Regional Officer (East)
Plot No -A/3, Chandrashekarpur
Bhubaneswar
Orissa-751023

Sub:- Submission of Half yearly compliance status report (Unit I) for the period - April

2014 to September 2014,-Reg.

Ref:- MOEF letter No.J-13011/8/2009-IA.II(T), dated 29th Aug 2009.

Sir,

With reference to the above referred Environmental Clearance, we are pleased to submit herewith the half yearly compliance status report (Unit I) for the period of April 2014 to September 2014.

This is for your reference and record, please.

Thanking you,

For Adhunik Power & Natural resources Limited

[Signature]
Dr Vijai Pal Singh
(Authorized Signatory)
25/11/2014

Encl: As Above

Copy to
i) The Chairman, Jharkhand State Pollution Control Board, Jharkhand
ii) Regional Officer, JSPCB, Jamshedpur.

M. Tanaji
Private Secretary
GOVL. of India
Ministry of Env., Forests & J.C.
ERO, Bhubaneswar-751023

[Signature]
Secretary

CORPORATE OFFICE : "CRESCENT POWER", 3rd Floor, 229 A.J.C. Bose Road, Kolkata-700020
Phone : +91-33-30915300, Fax : +91-33-30915344

M. Tanaji
Private Secretary
Govt. of India
Ministry of Env., Forests & CC
ERO, Bhudhwarwar-751023

Jharkhand

Adhunik Power & Natural Resources Limited
Village: Padampur, Behind PGCIL Substation
Kandra Chouka Road, Saraikeela-Kharsawan

APRIL 2014 – SEPTEMBER 2014



(Unit I)

ENVIRONMENTAL COMPLIANCE STATUS REPORT
FOR
1X270 MW COAL BASED POWER PLANT

REPORT

VIII: Padampur, Behind PGCL Substation, Kandra Chouka Road, Saraikeela-Kharsawan, Jharkhand
 Adhunik Power & Natural Resources Limited

Environmental Clearance Letter No: J-13011/8/2009-IA.II(T), dated 29th Aug 2009.

Period Of Compliances: April'2014 – September'2014

SI No	EC Conditions	Status as on 30th September 2014
1	No additional land in excess of 119 ha shall be acquired for any activity/facility of this project.	Noted
2	EC is subject to obtaining clearance under the Wildlife Protection Act, 1972 from the competent authority	WLMF Prepared and approval has been obtained from PCCF. Complied
3	EC is subject to final order of the Hon'ble Supreme court of India in the matter of Goa of Goa Foundation Vs Union of India in Writ. Petition (Civil) no. 460 of 2004 as applicable shall be adhered to by the company.	
4	Project proponent should contribute @ Rs. 20000/ha for project area as proportionate cost to the regional Wildlife Conservation plan and a copy of the plan should be submitted to the ministry.	As in Sl. No. 2 the Wild Life Management Plan (WLMF) prepared has already been approved by PCCF, Ranchi on May 10, 2010.
5	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.45 % and 46 % respectively at any given time. In case of variation of coal quality at the time of issuance of LOA, a fresh reference shall be made to MoEF for suitable amendment to EC condition wherever necessary	The sulphur and ash content in used coal conforms to the limits.
6	A single stack of 220 m height shall be provided with continuous online monitoring equipments for Sox, Nox and PM. Exit velocity of fine gases shall not be less than 25 m/sec. Hg emission from stack may also be monitored on periodic basis.	Twin flue chimney of 275m height has constructed for proper dispersion of gases. Online monitoring equipment has installed in chimney. Photographs attached as Annexure I
7	High efficiency Electrostatic Precipitators (EAPs) shall be installed to ensure that particulate emissions does not exceed 50 mg/Nm3	High efficient ESPs of 32 fields has installed to ensure control Particulate matter emission in flue gas. Stack monitoring report from April'14 to Sep,14 attached as Annexure II.
8	Adequate dust extraction system such as cyclones/bag filters and water spray in dusty areas such as in coal handling and ash handling points, transfer area and other vulnerable dusty areas shall be provided.	Necessary mitigation measures in accordance with EMP and EC conditions has taken to control fugitive emissions from ash storage/transfer and coal handling plant such as installation and operation of bag filters collectors, use of water spray systems and enclosed conveyors with well designed, extraction and filtration equipment on transfer points.
9	Fly ash shall be collected in dry form and storage facility (Stilos) shall be provided 100 % fly ash utilization shall be ensured from 4th year onwards. Unutilized ash shall be disposed off in the ash pond in the form of slurry from. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents	Fly ash shall be collected in dry form and storage facility (Stilos) shall be provided 100 % fly ash utilization shall be ensured from 4th year onwards. Monitoring of mercury and other heavy metals (As, Hg, Cr, Pb etc.) in the bottom ash and also in the effluents emanating from pond is being done periodically. Bottom slurry from pond attached as Annexure III analysis report & effluent analysis report attached as Annexure IV & Annexure V

Ministry of Environment & Forests & CC
 M. Tanaji
 Private Secretary
 Government of India
 New Delhi
 751023

