



**JHABUA  
POWER**

JPL/ECC/Phase-II/SFHY/2023-2024/May/11

May 06, 2023

**To,**

**The Director,**

Ministry of Environment, Forests & Climate Change  
3rd Floor, Vayu Block,  
Indira Paryavaran Bhawan, Jor Bagh Road,  
Aliganj, New Delhi-110003

**Sub.: Submission of Six Monthly Compliance Report - 1x660 MW Coal Based Thermal Power Plant, Villages- Barela & Gorakpur, Tehsil- Ghansore, Distt.- Seoni, Madhya Pradesh.**

**Ref.: MoEF letter no. J 13012/63/2010-IA.II (T) Dated 21th August'2014 & 6<sup>th</sup> August 2021**

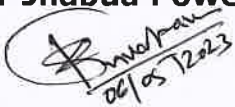
Dear Sir,

Please find attached the **Six Monthly Compliance Report (October' 2022 to March' 2023)** in fulfilment of conditions stipulated in the Environment Clearance (letter issued by MoEF, New Delhi and referenced above) for 1x660 MW Coal based Thermal Power Plant at Villages- Barela & Gorakpur, Tehsil- Ghansore, Distt.- Seoni, Madhya Pradesh of M/s Jhabua Power Ltd. Soft copy is uploaded on MoEF & CC web site-Parivesh.

Kindly acknowledge.

Regards,

**For Jhabua Power Ltd.**

  
06/05/2023

**Authorized Signatory**

Enc.: Six Monthly Compliance Report (October' 2022 to March' 2023)

**Jhabua Power Limited**

(A Joint Venture of NTPC Limited)

CIN : U40105WB1995PLC068616

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**Registered Office:** Macmet House, 7th Floor, 10B, O C Ganguly Sarani, Kolkata- 700 020, West Bengal, India

**Site Office:** Village- Barela, Post Office- Altaria, Tehsil- Ghansore, District- Seoni- 480997, Madhya Pradesh, India

# **M/s JHABUA POWER LTD.**

## **COMPLIANCE REPORT**

**In respect of**

### **ENVIRONMENTAL CLEARANCE**

**“MoEF LETTER NO. J 13012/63/2010-IA.II (T) Dated 21th  
August’2014”**

**“MoEF LETTER NO. J 13012/63/2010-IA.II (T) Dated 6th  
August’2021” Extension of Validity**

**(COMPLIANCE PERIOD: OCTOBER 2022 to MARCH 2023)**

**FOR**

**Jhabua Power Limited**

**EXPANSION BY ADDITION OF**

**1 x 660 MW SUPERCRITICAL THERMAL POWER PLANT**

**AT**

**VILLAGE:- BARELA & GORAKHPUR  
TEHSIL: - GHANSORE  
DISTRICT: - SEONI  
MADHYA PRADESH**

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## Compliance to conditions stipulated in Environmental Clearance

**Ref MoEF letter no. J 13012/63/2010-IA.II (T) dated 21<sup>st</sup> August'2014**

### **A. Specific Conditions**

<b>Sr. No</b>	<b>Specific Conditions</b>	<b>Compliance</b>
i	Vision document specifying prospective plan for the site shall be formulated and submitted to the Regional Office of the Ministry within six months.	Vision documents specified prospective plan is already submitted with 1 <sup>st</sup> half yearly compliance report in 2014.
ii	Harnessing solar power within the premises of the plant particularly at available roof tops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half yearly monitoring report.	<p>Harnessing of solar power within premises could not be implemented due to M/s Jhabua Power Ltd was under stressed asset. It was under resolution professionals, financial creditors and was under NCLT and financial authorities has been transfer to resolution professionals from JPL to them.</p> <p>However, Resolution plan submitted by NTPC Limited and approved by NCLT, Kolkata Bench vide its order dated 6<sup>th</sup> July 2022 for Jhabua Power Ltd has been implemented on 05.09.2022.</p> <p>We are committed to install it in the near future and the status of implementation will be submitted to the regional office of the Ministry.</p>

iii	<p>A stack of 275 m height shall be provided with continuous online monitoring equipment's for SO<sub>x</sub>, NO<sub>x</sub> and PM<sub>2.5</sub> &amp; PM<sub>10</sub>. Exit velocity of flue gases shall not be less than 22 m/sec. Mercury emissions from stack shall also be monitored on periodic basis.</p>	<p>A bi-flue Stack of 275 height is already provided with continuous online monitoring equipment's for SO<sub>x</sub>, Nox &amp; PM for Phase -I. Continuous online monitoring equipment's for SO<sub>x</sub>, NO<sub>x</sub>, PM will also be provided for Phase -II. Exit velocity of flue gases will be maintained &gt;22 m/sec &amp; Mercury emissions from stack will be monitored periodically.</p>
iv	<p>Sulphur and ash contents in the imported coal to be used in the project shall not exceed 0.5 % and 8.0 % respectively 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 amendments to environmental clearance wherever necessary.</p>	<p>Imported coal is not envisaged to be used with sulphur &amp; ash content more than 0.5% and 8.0 % respectively.</p>
v	<p>High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm<sup>3</sup>. 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.</p>	<p>High Efficiency Electrostatic Precipitators (ESPs) will be provided to restrict the emission &lt; 50 mg/Nm<sup>3</sup>. Effective and adequate dust suppression system like water sprinkling system, Cyclone Separator &amp; Bag Filters will be installed in the dusty areas such as in coal handling and ash handling points, transfer areas. Coal conveyer system is permanently covered to restrict the dust release whereas transportation of fly ash from the AHP to the ash pond will be through high concentration slurry disposal system.</p>

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.	Shall be complied.
vii.	COC of at least 5.0 shall be adopted.	Optimization of cycle of concentration will be carried out to achieve the COC 5.0
viii.	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 for heavy metals in ground water shall also be undertaken and results/findings submitted along with half yearly monitoring report.	The ground water and surface water samples are regularly collected and records maintained effectively under the compliance of Environment Clearance granted for Phase -I. Ground water and surface water reports are submitted on half-yearly basis to statutory authority. Surface & Ground water report is enclosed as <b>Annexure -1</b> .
ix	A well designed rain water harvesting system shall be put in place within six months, which shall comprise of rain water collection from the built up and open area in the plant premises and detailed record kept of the quantity of water harvested every year and its use.	A rain water harvesting & recharging system, designed in consultation with Central Groundwater Authority/ Board (Authentication letter is enclosed as <b>Annexure -2</b> ).
x	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.	Water bodies including natural drainage are not being disturbed due to any activity of our existing power plant.
xi	Hydrogeology of the area shall be reviewed	Hydro-geological study of the area is

	<p>annually from an institute/ organization of repute to assess impact of surface water and ground regime (especially around ash dyke). In case any 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.</p>	<p>being reviewed under the Phase -I. The hydrogeological report of the area reviewed is submitted under the E.C. compliance of Phase-I. The consistent trend of change in water level from pre monsoon to post monsoon of monitoring wells shows that there is no adverse impact in the ground water table in the project area and adjoining villages because of the project site.</p>
xii	<p>Wastewater generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/CPCB.</p>	<p>Waste water generated from the plant will be treated in ETP to confirm the SPCB/CPCB limits before its utilization.</p>
xiii	<p>Additional soil for leveling 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.</p>	<p>The site is fairly levelled and there are no undulations. Soil if required for minor leveling shall be sourced from within the site so that natural drainage system of the area is protected and improved.</p>
xiv	<p>Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.</p>	<p>Fly ash will be collected in dry form. Silo will be provided as a storage facility for storage of dry fly ash apart from the ash pond for the disposal of unutilized fly ash through high concentration slurry system. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as well as effluent of ash pond. Fly Ash will not be disposed off in low laying area without NOC from MPPCB. Ash pond effluent report for phase -I is enclosed as <b>Annexure -3</b>.</p>

xv	Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close coordination with the State Pollution Control Board.	Fly ash will not be used in agriculture and filling of mines without NOC from MPPCB.
xvi	Fugitive emission of fly ash (dry or wet) shall be controlled such that no agricultural or non-agricultural land is affected. Damage to any land shall be mitigated and suitable compensation provided in consultation with the local Panchayat.	Effective measures like sprinkling will be adopted to control fugitive emission of fly ash so that no agricultural or non-agricultural land is affected.
xvii	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 breached.	Ash pond will be lined with 500 µm liner to prevent the leachate. Besides, adequate safety measures will be taken to avoid any breach of the dyke.
xviii	A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analyzed every two year and reported along with monitoring reports. Thereafter mechanism for an	Required Mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) will be put in place. The radioactivity content study carried out by Department of Atomic



	in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Energy Board of Radiation & Isotope Technology in coal and fly ash for phase -I is enclosed as <b>Annexure -4.</b>
xix	Green Belt consisting of three tiers of plantations of native species around plant and at least 50 m width shall be raised. Wherever 50 m width is not feasible a 20 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not be less than 2500 per ha with survival rate not less than 80 %.	We are developing greenery in and around the plant and planted 181000 trees. Local plant species have been preferred for the plantation having following characteristics <ul style="list-style-type: none"> <li>• Fast growing with thick canopy cover</li> <li>• Adequate height with longer duration of foliage</li> <li>• Perennial and evergreen</li> </ul> Green belt development report is enclosed as <b>Annexure -5.</b>
xx	The green belt development of the existing unit shall be expedited with the native species and for the proposed expansion, shall be initiated at the earliest and well before the start of construction.	Native species is already being expedite for green belt development under existing unit. Green belt development is already initiated for proposed expansion.
xxi	CSR schemes identified based on need based assessment shall be implemented in consultation with the village Panchayat and the District Administration starting from the development of project itself. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken. Company shall provide separate budget for community development activities and income generating programs.	Assessment done. Shall be complied with.

xxii	A minimum amount of Rs 14.0 Crores as one time capital investment shall be earmarked for activities to be taken up under CSR during construction phase of the Project. Recurring expenditure for CSR thereafter shall be Rs 2.8 Crores per annum or as per CSR guidelines of Govt. of India, whichever is more till the life of the plant.	Shall be complied with.
xxiii	The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for free potable drinking water supply in the nearby villages in and schools shall be undertaken a time bound manner.	Being continuously implemented. Bore wells and hand pumps are being installed in the surrounding villages of Barela, Gorakhpur & Binaiki. Construction of new open dug well is done in village Binaiki. The new dedicated pipe line along with suitable electric motor is installed in the well for supply of drinking water to the village.
xxiv	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.	MGSIRD - Mahatma Gandhi State Institute of Rural Development, (Govt. of MP) is appointed by JPL external agency for evaluation of CSR activities.
xxv	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	A separate Environment Management Cell is in place headed by Mr. Anoop Kumar Srivastava, DGM. Environment. Details of Environment Management cell including personnel involved, their designation, qualification and hierarchy is enclosed as <b>Annexure -6.</b>

	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.	
<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.	Treated effluents conforming to the prescribed standards will only be recycled & reused. Zero Discharge condition will be maintained effectively except in monsoon season for which separate storm water system is constructed under phase-I to avoid the mixing of effluent.
ii	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	Sewage treatment plant based on Fixed Film Aerobic Treatment System of adequate capacity has been installed for the treatment of raw sewage. Treated sewage water is being used for greenbelt development/plantation.
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.	Continuous and effective safety measures will be taken and provided for effective fire prevention & protection in the plant area to check/minimize the spontaneous fires in coal yard, especially during summer season. Besides, above, a dedicated and well-equipped Fire & Safety department is in place to avoid such type of incident in the plant area.
iv	Storage facilities for auxiliary liquid fuel such as LDO/ HFO/LSHS shall be made in	<ul style="list-style-type: none"> <li>Storage facilities for LDO will be made in the plant area in consultation</li> </ul>

	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.	with Department of Explosives, Nagpur after getting the NOC for the same. <ul style="list-style-type: none"> <li>Disaster management plan has been prepared and is in place to handle case of any accident taking place due to storage of oil for phase -I.</li> </ul>
v	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Adequate First aid and sanitation facility are being provided round the clock for phase -same and I will be maintained in Phase -II also.
vi	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB(A) from source. 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 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.	<ul style="list-style-type: none"> <li>The noise level in the work zone area will be maintained below 85 dBA.</li> <li>Acoustic hood will be provided for the turbine.</li> <li>Earplugs / earmuffs being provided as personal protective equipment to the workers in phase -I.</li> </ul> <p>Noise level monitoring report is enclosed as <b>Annexure 7</b>.</p>
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	<ul style="list-style-type: none"> <li>Regular monitoring of ground level concentration of SO<sub>2</sub>, NO<sub>x</sub>, RSPM (PM<sub>2.5</sub> &amp; PM<sub>10</sub>) and Hg is being carried out in the impact zone and records are being maintained in phase-I and same will be continued for phase-II also. Ambient Air Quality monitoring report is enclosed as <b>Annexure- 8</b>.</li> </ul>

	<p>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.</p>	<ul style="list-style-type: none"> <li>• The location of the monitoring stations has already been decided in consultation with Regional Office of MPPCB, Jabalpur.</li> <li>• Permanent Online Ambient Air Quality Monitoring Station has been installed and commissioned for the continuous monitoring of PM10, PM2.5, SOx, NOx &amp; CO along with meteorological study like % Humidity, Rainfall, Wind Velocity, Wind Velocity, Solar Radiation, Atmospheric Pressure, temperature.</li> <li>• Other than permanent AAQMS, Mobile Van for monitoring of PM10, PM2.5, SOx, NOx &amp; CO has also been installed &amp; commissioned.</li> </ul>
viii	<p>Provision shall be made for the housing of construction labour (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 the completion of the project.</p>	<p>All necessary facility for workers will be provided.</p> <p>After completion of the project activities and start of O&amp;M phase, temporary structure will be either used for O&amp;M personnel or will be removed.</p>
ix	<p>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</p>	<p>We had published in two newspaper" Dainik Bhaskar &amp; Nai Duniya on 27.08.2014" in local language which are widely circulated in the area.</p>

	<p>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 <a href="http://envfor.nic.in">http://envfor.nic.in</a>.</p>	
x	<p>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. The clearance letter shall also be put on the website of the Company by the proponent.</p>	<p>Copy of clearance has also been sent to concerned Panchayat, Zila Parisad and the Local NGO. Environmental Clearance has already been web hosted on company web site.</p>
xi	<p>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 (PM<sub>2.5</sub> &amp; PM<sub>10</sub>), SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>Status of compliance of the stipulated EC conditions, including results of monitored data is hosted on company web site.</p> <p>The criteria pollutant levels namely; RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) is displayed at the plant operation gate.</p>
xii	<p>The environment statement for each financial year ending 31<sup>st</sup> March in Form-V</p>	<p>The environment Statement report for the year 2021 - 2022 has been submitted to</p>

	<p>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 of the Ministry by e-mail.</p>	<p>Madhya Pradesh State Pollution Control Board before 30<sup>th</sup> September 2022. Submission receipt is enclosed as <b>Annexure -9.</b></p>
xiii	<p>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 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.</p>	<p>We are regularly submitting the six monthly compliance reports on the status of compliance of the stipulated EC conditions including results of monitored data to the respective Regional Office of MOEF, Bhopal, the respective Zonal Office of CPCB and the SPCB. The receipts of last compliance report submission is enclosed as <b>Annexure-13.</b></p> <p>Status of compliance of the stipulated EC conditions, including results of monitored data is hosted on company web site.</p>
xiv	<p>Regional Office of the Ministry of Environment &amp; Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during</p>	<p>The same is being complied with.</p>

	<p>monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NO<sub>x</sub> (from stack &amp; ambient air) shall be displayed at the main gate of the power plant.</p>	
xv	<p>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.</p>	<p>Complied with and are being followed.</p>
xvi	<p>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.</p>	<p>Same will be complied.</p>
xvii	<p>Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry / CPCB/ SPCB who would be monitoring the compliance of environmental status.</p>	<p>We ensure full cooperation to the Scientists / Officers from the Ministry / Regional Office of the Ministry / CPCB/ SPCB who would be monitoring the compliance of environmental status.</p>
7	<p>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. The Ministry</p>	<p>Agreed for the same.</p>



	may also impose additional environmental conditions or modify the existing ones, if necessary.	
8	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant.	Agreed
9	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed
10	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.	Agreed
11	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, 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 & same shall be complied with.

12	Any appeal against this environmental 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.	Agreed
<b>Ref MoEF letter no. J 13012/63/2010-IA.II (T) dated 6<sup>th</sup> August'2021</b>		
i	PP shall implement all the condition of E.C dated 21 <sup>st</sup> August, 2014 within certain time line.	All the Conditions under E.C. grated for 1 x 660 supercritical coal based power plant are under implementation.
ii	100% Fly ash and Bottom ash utilization plan shall be prepared and to be implemented in stipulated time period. PP shall comply with Ministry's notification dated 22 <sup>nd</sup> April, 2021 regarding Fly ash utilization from first year of commissioning. Bottom ash should be treated as a resource not as a waste.	Fly ash utilization plan for 1 x 660 MW power plant is enclosed as <b>Annexure -11</b> . Fly ash utilization notification of MoEF & CC dated 31 <sup>st</sup> December will be complied effectively. Bottom ash will be used as a filler in low lying are for waste land reclamation as per CPCB guideline March 2019.
iii	Latest emission standard (after January 2017 onwards) shall be complied with.	We will adhere with the prescribed norms of Emission applicable for thermal power stations commissioned after January 2017.
iv	PP shall implement silo loading facility for fly ash storage.	Similar to Phase-I, Silo will also be constructed for Phase-II for fly ash storage.
V	PP shall submit plan for the implementation of 33% peripheral green belt (only trees of local species) with fund allocated and time line to Ministry's Regional office within six	We have already submitted green belt development plan to CCF, Seoni with Phase -I project and more than 181000 plantations has been completed out of

	months.	which 45541 plantations are planted under phase-II. Submission receipt along with plot plan highlighting green belt area is enclosed as <b>Annexure -10.</b>
Vi	PP shall submit the timeline for fulfillment of commitments during Public Hearing with allotted fund to Ministry's Regional Office.	All the commitments during public hearing has been fulfilled.
Vii	PP shall increase the fund allocation for Environment Management plan since the overall project cost has been increase.	Details of fund allocation for Environment Management plan is given below;  1. Capital cost, Phase -II: 193 Cr.  2. Recurring cost, Phase-II: 9.5 CR.
Viii	PP shall submit the fund allocation for Wildlife conservation plan to Forest Department within six months from the issues of this letter and submit the action taken to Ministry's Regional Office.	Wildlife Management plan along with flora & Fauna details and allocated fund is submitted to Forest officer during EIA study for Phase-I for approval. Approved copy of Wildlife Conservation plan is enclosed as <b>Annexure -12.</b>
ix	PP shall develop tree plantation all along the raw material/ coal storage yard with in six month of issue of this letter and shall maintain survival rate over 90%. The status of compliance will be submitted to the regional office of the Ministry along with six monthly compliance report.	Plantation all along the raw material/ coal storage yard has already been developed under Phase-I project with survival rate >90%. We are doing more plantation in these area to increase the plantation density.

