



**State Level Environment Impact Assessment Authority  
Madhya Pradesh  
Government of India  
Ministry of Environment & Forests**

**Madhya Pradesh Pollution Control Board**

E-5. Arera Colony

Bhopal-4620 16

visit us <http://www.mpseiaa.nic.in>

Tel:0755-2466970

No:25/EPCO-SEIAA/09

Date: 21-04-09

To

M/S B L A Power Pvt. Ltd.  
84, Makers Chamber III  
Nariman Point  
Mumbai 400021

**Sub: Environmental Clearance for 140 MW (2X70), Gadawara Thermal Power Plant at Village Niwari Teh. Gadawara Dist. Narsingpur, M P Case No 178/2008**

This has reference to your application No. BLA/Power/Gadawara/140MW/491, dated 14-06-07 and subsequent letters date 31-07-08 & 18-11-08 seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., form I, Detail project report and the TOR. The Expert Committee constituted by the MOEF New Delhi in its meetings held on 15<sup>th</sup> to 17<sup>th</sup> Oct. 2007 issued TOR on the basis of the presentation made before the committee and the above documents submitted by the project proponent.

2. It is, interalia, noted that the project involves the construction of a 140 MW (2x70 MW) coal based thermal power plant at village Niwari, Teh. Gadawara, Distt. Narsingpur MP. The water requirement of the project is estimated to be 9100m<sup>3</sup>/day which will be met from river Narmada. The State Govt. has already given permission to draw water from the river. Coal requirement is estimated as 2860 TPD which will be obtained from Gotitoria Coal Mine. Capital cost of the

project is 584 crore. The Public Hearing for the proposed project was conducted at site on 15-05-2008.

3. The Expert Appraisal Committee of M P, after due considerations of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations have recommended grant of environmental clearance as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments. State Level Environment Impact Assessment Authority (SEIAA) after consideration of recommendations of the expert committee and on the basis of record, accords environmental clearance to 70 MW (1X70) unit of the proposed 140 MW (2X70) Thermal Power Plant. The project proponent has acquired 77.31 Acres of land out of total land of 120 Acres. The presently available land is sufficient to install one unit of 70 MW. The project proponent has to get clearance from SEIAA for the other unit after getting the possession of the remaining land. This environmental clearance is subject to strict compliance of the terms and conditions as follows:-

- (i) No additional land shall be acquired for any utilities/facilities relating to the proposed expansion project other than mentioned in the proposal for 2x70 mw power plant.
- (ii) A stack of 120 m height shall be provided with a continuous on-line monitoring system. The data collected shall be analyzed and submitted regularly to the Ministry and its Regional Office at Bhopal.
- (iii) High efficiency Electrostatic Precipitators (ESPs) shall be installed to limit particulate emission to 50 mg/Nm<sup>3</sup>.
- (iv) Dust extraction and suppression system and water sprinklers shall be provided for controlling fugitive dust during transportation, in coal storage area and other vulnerable areas of the plant.

- (v) Water requirement shall be met from the river Narmada by laying the pipeline as mentioned in the project document. No groundwater shall be extracted for the power plant at any stage.
- (vi) Closed Cycle Cooling system with induced draft cooling towers shall be provided.
- (vii) The treated effluents shall be re-circulated and reused within the plant area. There shall be no waste water discharge outside the plant boundary.
- (viii) Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/ State Ground Water Board and a copy of the same shall be submitted within three months to the Regional Office of the Ministry at Bhopal.
- (ix) Noise level shall be limited to 75 dBA and regular maintenance of equipments should be undertaken. For people working in high noise areas, personal protection devices should be provided.
- (x) Dry ash collection system shall be provided. 100% ash utilization shall be ensured from the day one of commissioning of the plant.
- (xi) A greenbelt shall be developed around the plant covering an area of at least 16.00 ha<sub>2</sub> as part of this project.
- (xii) First aid and sanitation arrangements shall be made for the workers of the unit.
- (xiii) Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the State Pollution Control Board. Periodic reports

shall be submitted to the Regional Office of the Ministry of Environment and Forest at Bhopal.

- (xiv) The project proponent shall within seven days, 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, 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 State Level Environment Impact Assessment Authority (SEIAA) at [www.mpseiaa.nic.in](http://www.mpseiaa.nic.in).
- (xv) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xvi) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, the Regional Office, and the CPCB/SPCB.
- (xvii) Regional Office of the Ministry of Environment & Forests located at Bhopal 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 to the ministry from time to time shall be forwarded to the Regional Office for their use during monitoring.
- (xviii) 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 shall be reported to the Ministry.

- (xix) Full cooperation shall be extended to the Scientists/Officers from the Ministry/ Regional Office of the Ministry of Environment and Forest at Bhopal /the CPCB/the SPCB who would be monitoring the compliance of environmental status.
- (xx) The project proponent shall assure that the following commitments made by it during public hearing are fulfilled.
- No water will go out of the plant boundary.
  - Company will provide job to at least one member of the family whose land has been acquired for the plant, according to his/her qualifications.
  - A full time company doctor will be available for the villagers.
  - Medicines will be provided free of cost to the villagers during medical camps.
  - Trees will be planted on both side of the road used by the unit
  - Ash particles in the air will not be more than 50mg/cu.m as against permissible standard of 150 mg/cu. M.
  - One additional ash pond of 400 m<sup>3</sup> capacity for storing bottom ash & fly ash would be constructed.
4. The State Level Environment Impact Assessment Authority reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Regional office of the Ministry of Environment & Forests at Bhopal.
5. The environmental clearance accorded shall be valid for a period of 5 years from the date of issue.
6. In case of any deviation or alteration in the project proposed from that submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

7. Since 77.31 Acres of land has been acquired out of 120 Acres, the State Level Environment Impact Assessment Authority (SEIAA) has accorded environmental clearance to 1X70 MW unit only. The project proponent has to get clearance of the other unit of 70 MW after getting the possession of the remaining land.
  
8. The above stipulations shall be enforced along with others as under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under and the Environment Impact Assessment Notification, 2006.

Sd/-

**(Deepti Gaur Mukerjee)**  
Member Secretary, SEIAA

Endt No. 26 /SEIAA/EPCO/09

Dated:- 21-04-09

Copy to:-

1. The Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal
2. The Member Secretary, Madhya Pradesh State Pollution Control Board, Paryavarn Parisar, E-5, Arera Colony, Bhopal-462016
3. Division, Monitoring Cell, MoEF, New Delhi- 110 003
4. The Regional Officer, MOEF, Bhopal
5. Guard file.

Sd/-

**(Deepti Gaur Mukerjee)**  
Member Secretary, SEIAA