

**COMPLIANCE TO EC CONDITIONS FOR UNIT-I PROJECT**

**ISSUED BY MOEF VIDE LETTER No J-13011/2/2008-IA.II (T) DATED 25 th MAY, 2008**

<b>Sr. No.</b>	<b>Terms and Conditions</b>	<b>Status up to, Dec, 2011</b>
1	The total land requirement for the project shall be restricted to 114 ha.	Noted.
2	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 44% respectively.	Will be complied.
3	A bi-flue stack of 220 m height with continuous online monitoring equipments for SO <sub>x</sub> , NO <sub>x</sub> and particulate matter shall be provided. Exit velocity of flue gases shall not be less than 25 m/sec.	Biflue stack of 275 m height is being constructed and provision will be given for online continuous monitoring system for monitoring of SO <sub>x</sub> , NO <sub>x</sub> and particulate matter. Minimum exit velocity of 25 m/s will be maintained.
4	High efficiency Electrostatic Precipitator (ESPs) shall be installed to ensure that particulate emission does not exceed 100 mg/Nm <sup>3</sup> .	ESPs of more than 99% efficiency to limit the particulate matter concentrations below 50 mg/Nm <sup>3</sup> will be installed.
5	Fly ash shall be collected in dry form and its 100% utilization shall be ensured from day one. Bottom ash shall be disposed in conventional slurry mode in the ash pond.	MOU has been signed with ACC Ltd for 100% dry fly ash lifting under silo. Other Cement industries in the locality are also been approached for dry Fly ash lifting.  From the silos, dry fly ash will be provided to users directly with loading facility.  Unutilized ash will be disposed to ash pond as High Concentrated slurry and sufficient safety precaution will be taken care.
6	Ash pond shall be lined with suitable impervious lining. Adequate safety measures shall also be implemented to protect	Bottom and sides of the ash pond will be compacted at high dry density and provided with clay lining.  Ash pond will be provided with garland drains to collect

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	the ash dyke from getting breached.	run-off water and seepages from pond.  The supernatant will be collected and treated in settling tank and routed to ash handling system.
7	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.	Will be complied.
8	Water requirement shall not exceed 830 m <sup>3</sup> /hr.	As per the MoEF Letter dated 4th June, 2009, for revised configuration (1X300±10% MW), the total water requirement will be about 920 m <sup>3</sup> /hr.
9	Closed cycle cooling system with cooling towers shall be provided. The effluent shall be treated to conform to the prescribed norms.	Induced draft cooling tower (IDCT) is proposed. Amendment to shift from Natural draft Cooling tower (NDCT) to IDCT, MoEF, (GoI). vide letter no. J-13012/75/2008-IA.II (T), dated 30th November, 2011 is enclosed herewith as Annexure-I for your reference.  Effluent will be treated as per the prescribed norms.

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10	The treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon for storm water. Arrangements shall be made so that effluents and storm water do not get mixed.	Will be complied.
11	A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation .	STP of 75 KLD capacity is proposed to treat domestic sewage and the treated sewage sludge will be used for green belt.
12	Regular monitoring of ground water in and around the ash pond area shall be carried out, records maintained and six monthly reports shall be furnished to the Regional Office of this Ministry.	Will be complied.
13	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.	Rainwater harvesting plan is approved by Central Ground Water Board vide letter no. CGWA/CR/2010-2011/EMCO/2365 dated, December 31, 2010.  Approval copy of the same is enclosed herewith as Annexure-II for your reference.
14	A green belt of adequate width and density shall be developed around the plant periphery	12,000 saplings are planted for the year 2010 and additional 40000 trees has been planned for the year 2011 starting from June 2011. As on date , 30000 tress have

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	covering about 42 ha of project area preferably with local species.	been planted till Nov 2011.
15	Leq of Noise levels emanating from turbines 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 steam & gas turbines, 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.	Will be complied.
16	A plan for conservation of fauna reported in the study area shall be prepared in consultation with state forests and wildlife depart within 3 months and shall be implemented immediately.	Submitted to Dy. Conservator of Forest, Chandrapur vide letter no. GIL/EMCO/SITE//EHS/Wildlife/001 dated 13th October, 2010.Copy of the same is enclosed herewith as Annexure-III for your reference.
17	Regular monitoring of ground level- concentration of SO <sub>2</sub> , NO., Hg, SPM and RSPM 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 5PCB. Six Monthly reports shall be submitted to the Regional Office	Monitoring of the criteria pollutants in ambient air as well as for stack emissions and its display will be done during operational phase.

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	of this Ministry at Bhopal.	
18	Appropriate safeguard measures shall be taken to guard against fire hazards in coal storage area. DMP shall be prepared to handle such situation.	Will be complied.
19	The Project propond shall advertise in at least two local newspa pe rs 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 the clearance letter. informing: that the project has been accorded EC and copies of clearance letter are available with the state pollution control board/committee and may be also be seen at we bsite of the MoEF at <a href="http://envfor.nie.in">http://envfor.nie.in</a>	Complied. Published in the local Newspapers. Copy of the same is submitted along with First Half yearly report vide letter no. GEL/EMCO/MoEF/597/10 dated 10th June, 2010.
20	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environmental Management Cell has been established since January, 2010 and will take care of implementation of the stipulated environmental safeguards.
22	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	Submitted along with First Half yearly compliance report.

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	along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.																									
23	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>Will be complied.</p> <p>It is proposed to invest Rs. 78.8 Crores on pollution control and treatment systems for power plant. The break-up of the investment is given in Table-1. In addition, Rs. 30 Lakhs will be allocated for the post project monitoring every year.</p> <p align="center"><u>TABLE-1</u></p> <p align="center"><u>CAPITAL COST OF POLLUTION CONTROL MEASURES</u></p> <table border="1"><thead><tr><th data-bbox="715 1104 783 1294">Sr. No</th><th data-bbox="788 1104 1241 1294">Units</th><th data-bbox="1246 1104 1394 1294">Capital Cost (Rs. Crores)</th></tr></thead><tbody><tr><td data-bbox="715 1301 783 1395">1</td><td data-bbox="788 1301 1241 1395">Electrostatic Precipitators for Air Pollution Control</td><td data-bbox="1246 1301 1394 1395">65.0</td></tr><tr><td data-bbox="715 1402 783 1451">2</td><td data-bbox="788 1402 1241 1451">Guard Pond and ETP</td><td data-bbox="1246 1402 1394 1451">6.0</td></tr><tr><td data-bbox="715 1458 783 1507">3</td><td data-bbox="788 1458 1241 1507">Sewage Treatment Plant</td><td data-bbox="1246 1458 1394 1507">5.0</td></tr><tr><td data-bbox="715 1514 783 1563">4</td><td data-bbox="788 1514 1241 1563">Greenbelt Development</td><td data-bbox="1246 1514 1394 1563">2.0</td></tr><tr><td data-bbox="715 1570 783 1619">5</td><td data-bbox="788 1570 1241 1619">Clay lining in ash pond</td><td data-bbox="1246 1570 1394 1619">0.3</td></tr><tr><td data-bbox="715 1626 783 1675">6</td><td data-bbox="788 1626 1241 1675">Rainwater harvesting system</td><td data-bbox="1246 1626 1394 1675">0.5</td></tr><tr><td colspan="2" data-bbox="715 1682 1241 1776">Total</td><td data-bbox="1246 1682 1394 1776">78.8</td></tr></tbody></table>	Sr. No	Units	Capital Cost (Rs. Crores)	1	Electrostatic Precipitators for Air Pollution Control	65.0	2	Guard Pond and ETP	6.0	3	Sewage Treatment Plant	5.0	4	Greenbelt Development	2.0	5	Clay lining in ash pond	0.3	6	Rainwater harvesting system	0.5	Total		78.8
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**COMPLIANCE TO EC CONDITIONS FOR UNIT-I PROJECT**

**ISSUED BY MOEF VIDE LETTER No J-13011/2/2008-IA.II(T) DATED 4th JUNE, 2009**

<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Status up to, Dec, 2011</b>
1	An amount of Rs. 1.6 Crores as capital and Rs. 30 Lakhs as recurring expenditure per annum should be earmarked for taking up activities under CSR.	Rs. 46 lakhs has been spent for the CSR activities during the year 2010-2011.  For the 2011-2012, Rs 65 lakhs has been earmarked for the CSR activities.  Refer Annexure- IV for status of Implementation of CSR Programmes.
2	Copy of conservation plan of fauna in the study area, reported to be prepared, should be submitted to the Ministry within 15 days of the issue of this letter.	Submitted vide letter no. GEL/EMCO/MoEF/740/10 dated 14 <sup>th</sup> October; 2010. Copy of the same is enclosed herewith as Annexure-III for your reference.
3	First aid and sanitation arrangements shall be made for the drivers and the contract workers during construction phase.	Complied.
4	Regular monitoring of ground level concentration of SO <sub>2</sub> , NO <sub>x</sub> , Hg, SPM and RSPM 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.	Will be complied.
5	Provision shall be made for the housing of construction labour 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.	Labour camps are established within 1 km radius outside the industry premises and regular monitoring of the same is being carried out.

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**ISSUED BY MOEF VIDE LETTER No J-13011/2/2008-IA.II(T) DATED 4th JUNE, 2009**

<b>Sr. No.</b>	<b>EC Conditions</b>	<b>Status up to, Dec, 2011</b>
6	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 be sent to the Regional office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels, namely SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Compliance report is uploaded on the website of the Company.  Refer Weblink: <a href="http://www.gmrgroup.in/Energy/EMCO_Energy.html">http://www.gmrgroup.in/Energy/EMCO_Energy.html</a> .  Monitoring of the criteria pollutants in ambient air as well as for stack emissions and its display will be done during operational phase.
7	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 email) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.	Being complied.
8	Project proponent will upload the compliance status in their website and update the same from time to time atleast six monthly basis. Criteria pollutants levels (stack and ambient levels of NO <sub>x</sub> ) will be displayed at the main gate of the power plant.	Being complied.



**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

Sr. No.	A. Specific Conditions.	Status up to, Dec, 2011
(i)	<p>Environmental clearance is subject submission of a time bound Implementation of a wildlife conservation plan particularly with respect to protection of great Indian Bustard and other Schedule-I species, to be prepared in consultation with the .Office of the Chief Wildlife Warden concerned and the Wildlife Institute of India.</p> <p>The plan shall have an in-built monitoring mechanism and annual audit, report of which shall be submitted to the Regional Office of the Ministry and concerned department in the state government.</p> <p>The plan shall have an in-built monitoring mechanism and annual audit, report of which shall be submitted to the Regional Office of the Ministry and concerned department in the state government.</p>	<p>Submitted to Dy. Conservator of Forest, Chandrapur vide letter no. GIL/EMCO/SITE//EHS/Wildlife/001 dated 13th October, 2010.</p> <p>Copy of the same is enclosed as Annexure-III for your reference.</p>
ii)	<p>It shall be ensured that the natural drainage in the region is not disturbed due to activities associated with operation of the plant.</p>	<p>Complied and taken care of in Roads &amp; Drain layout</p>
(iii)	<p>Provision for installation of FGD shall be provided. 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>Provision for FGD-Complied.</p> <p>Particulate Emission&lt;50 mg/Nm<sup>3</sup>- ESPs of more than 99% efficiency to limit the particulate matter concentrations below 50 mg/Nm<sup>3</sup> will be installed.</p> <p>Adequate dust extraction system at strategic locations will be provided.</p>
(iv)	<p>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, 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>Compliance report is uploaded on the website of the Company.</p> <p>Refer Weblink: <a href="http://www.gmrgroup.in/Energy/EMCO_Energy.html">http://www.gmrgroup.in/Energy/EMCO_Energy.html</a>.</p> <p>Monitoring of the criteria pollutants in ambient air as well as for stack emissions and its display will be done during operational phase.</p>

**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
(v)	No irrigation and drinking water requirements out of the Barrage I reservoir shall be diverted for the power plant.	Noted and being complied.
(vi)	No ground water shall be extracted for use in operation of the power plant even in lean season	Noted and Will be complied.
(vii)	Hydro-geological study of the area shall be reviewed annually and results submitted to the Ministry and concerned agency in the State Govt. In case adverse impact on ground water quantity and quality is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken.	Will be complied.
(viii)	Minimum required environmental flow suggested by the Competent Authority of the State Govt. shall be maintained in the Channel Rivers even in lean season.	Will be complied.
ix	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.	Rainwater harvesting plan is approved by Central Ground Water Board vide letter no. CGWA/CR/2010-2011/EMCO/2365 dated, December 31, 2010. Approval copy of the same is enclosed herewith as Annexure-II for your reference.
(x)	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.	Being complied.
Xi	Utilisation of 100% Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Will be complied.
xii	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 form. Mercury and other heavy metals (As,Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	Silos are envisaged. From the silos, dry fly ash will be provided to users directly with loading facility. Unutilized ash will be disposed to ash pond as High Concentrated slurry and sufficient safety precaution will be taken care

**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
(xiii)	Ash pond shall be lined with HDP/LDP 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.	Will be complied
(xiv)	For disposal of Bottom Ash in abandoned mines (if proposed to be.. "undertaken) it shall be ensured that the bottom and sides of the mined out areas are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity.	Noted and such proposal is being explored.
(xv)	Closed cycle cooling system with natural draft cooling towers shall be provided. The effluents shall be treated as per the prescribed norms.	Induced draft cooling tower (IDCT) is proposed. Amendment to shift from Natural draft Cooling tower (NDCT) to IDCT, MoEF, (GoI). vide letter no. J-13012/75/2008-1A.II (T), dated 30th November, 2011 is enclosed as Annexure-I herewith for your reference.  Effluent will be treated as per the prescribed norms.
(xvi)	Shelter Belt consisting of 3 tiers of plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 70 %. To meet the expenditure of development of this Shelter Belt, a Green Endowment Fund shall be created out of EMP budget and status of implementation shall be submitted to the Regional Office of the Ministry from time to time.	12,000 saplings are planted for the year 2010 and additional 40000 trees has been planned for the year 2011 starting from June 2011. As on date , 30000 tress have been planted till Nov 2011.
(xvii)	A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months form the date of issue of this letter.	This condition is not applicable.

**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
(xviii)	An amount of Rs 12.0 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 2.5 Crore per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	Rs. 46 lakhs has been spent for the CSR activities during the year 2010-2011.  For the 2011-2012, Rs 65 lakhs has been earmarked for the CSR activities.  Refer Annexure-IV
(xix)	As part of CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in up liftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides 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 This will be in addition to vocational training for individuals imparted to take up self-employment and jobs. In addition to above a special scheme for upliftment of SC/ST's and marginalized farmers population in the study area out of CSR programme shall be formulated and submitted to the Ministry within six months along with firm commitment of implementation. The scheme shall have an in-built monitoring mechanism.	Activities being taken up for the upliftment of SC/ST's and marginalized farmers and Poor Section of the society are enclosed as Annexure-VI.
B.	General Conditions:	
(i)	The treated effluents conforming to the prescribed standards only shall be recirculated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon. Arrangements shall be made that effluents and storm water do not do not get mixed.	Will be complied.
(ii)	A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.	STP of 75 KLD capacity is proposed to treat domestic sewage and the treated sewage sludge will be used for green belt.

**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
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.	Will be complied.
(iv)	Storage facilities for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Will be complied.
(v)	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg,Cr,As,Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Will be complied.
(vi)	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Being Complied. Fully Fledged Medical Centre with Experienced MBBS Doctor and Paramedical Staff is Operational at Site.
(vii)	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 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.	Will be complied.

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**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
(viii)	Regular monitoring of ground level concentration of SPM, NOx, PM2.5 & PM10 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.	Will be complied.
(ix)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Will be complied.
(x)	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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> .	Complied. Published in local Newspaper-Hitvada and Lokmat on 30th May, 2010. Copy of the same is already submitted with First half yearly Report vide letter no. EMCO/SITE/MoEF/001, 28th August, 2010.
(xi)	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, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Plant is located in notified Industrial area (MIDC), clearance letter is uploaded on the website of the Company. Copy of Environmental Clearance letter is uploaded at <a href="http://www.gmrgroup.in/Energy/EMCO_Energy.html">http://www.gmrgroup.in/Energy/EMCO_Energy.html</a> .
(xii)	A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environmental Management Cell has been established since January, 2010 and will take care of implementation of the stipulated environmental safeguards.

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**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
(xiii)	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-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB SPCB.	Being complied.
(xiv)	The environment statement for each financial year ending 31 st March in Form V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry by email.	Will be complied.
(xv)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same bye-mail to the Regional Office, Ministry of Environment and Forests.	Complied with. Subsequent Second half yearly report will be submitted at each half yearly ending.  Compliance report is uploaded on the website of the Company.  Refer Weblink: <a href="http://www.gmrgroup.in/Energy/EMCO_Energy.html">www.gmrgroup.in/Energy/EMCO_Energy.html</a>
(xvi)	Regional Office of the Ministry of Environment & 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 monitoring.	EIA including EMP report is already submitted along with First Half Yearly Compliance Report.

**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
(xvii)	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.	Will be complied.  It is proposed to invest Rs. 78.8 Crores on pollution control and treatment systems for power plant. The break-up of the investment is given in Table-1. In addition, separate fund will be allocated for the post project monitoring every year.
(xviii)	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.	Date of financial closure of the project: October ,2009 Final approval by the concerned authorities: 1) Letter of support from Govt. of Maharashtra dated 1 <sup>st</sup> May, 2007.- is already submitted with First compliance report. 2) Consent to Establish from Maharashtra Pollution Control Board for Unit I and Unit II are enclosed herewith as Annexure-VII.  3) Date of Start of Land development work: June, 2010. 4) Goal of Unit I synchronization-April, 2012 5) Goal of Unit II synchronization-August, 2012
(xix)	Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Bangalore / CPCS/ SPCS who would be monitoring the compliance of environmental status.	Will be complied.
5.	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 may also impose additional environmental conditions or modify the existing ones, if necessary.	Noted.
6.	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant.	Noted.



**COMPLIANCE TO EC CONDITIONS FOR UNIT-II (PHASE II) PROJECT**

**BY MOEF VIDE LETTER NO. J 13012175/2008-1A.II (T) DATED: 25TH MAY, 2010.**

<b>Sr. No.</b>	<b>A. Specific Conditions.</b>	<b>Status up to, Dec 2011</b>
7.	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.	Noted.
8.	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.	Will be complied.
9.	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.
10.	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.	Noted.