



CE (O&M)/KTPS/660MW/Env Cell./FL **No 00145**

Date: **14 JAN 2026**

To,
Scientist 'E'
Ministry of Environment, Forest & Climate Change
Regional Office, East Wing, Ground floor
New Secretariat Building,
Civil Lines, Nagpur-440001
Email- **apccfcentral-ngp-mef@gov.in**

Sub: Compliance Status of Environmental Clearance conditions for 3x660MW Coal based Thermal Power Plant at Koradi.

Dear Sir,

With reference to above subject matter, please find enclosed herewith the status of Environmental Clearance Conditions issued to 3x660MW, KTPS Koradi for a period of **01.07.2025 to 31.12.2025**.

This is for your information, please.

Thanking you.

Encl.: As stated above.

Yours faithfully

Chief Engineer (O&M)
KTPS, Koradi

Copy f.w. cs to:

- 1) Exe. Director (E & S), MSPGCL, HDIL Tower, 4th Floor, A-Wing, Bandra (E), Mumbai-51
- 2) Regional Officer/Sub-Regional Officer, MPCB, Udyog Bhavan, 5th Floor, Civil Lines, Nagpur

**MoEF, New Delhi: Environmental Clearance conditions for 3X660 MW,
Expansion Project at Koradi, Dist. - Nagpur.**

MoEF Condition No.	Condition	Status as on Dec-25
MoEF Letter Ref. No. J- 13012/87/2007-IA. II (T) dtd. 04/01/2010.		
i	FGD with one unit of 660 MW will be installed initially to begin with and the requirement, if any, for the installation of FGD system with the other two units will depends upon the prevalent ambient levels of SO ₂ . Provision for installation of FGD in all units shall be made.	<p>Regarding installation of FGD MSPGCL has placed Earlier tenderization for installation of FGD was completed and LOA vide no CE (P&P)/ 3X 660MW/Koradi/FGD/1236 dated 16.11.2023 is issued to M/s Shapoorji Pallonji Company & Pvt. Ltd for design engineering, manufacture, assembly, testing at works, supply at site, civil, structural & architectural works and erection, testing & commissioning for 3X 660 MW unit 8, 9 &10 at Koradi, TPS on Erection Procurement Commissioning (EPC) basis including O&M of installed FGD system for the span of three years but due to non-submission of 10% performance Bank Guarantee by vendor as per T&C of contract tender was terminated.</p> <p>The present status of FGD is, new Tender has been floated by MSPGCL for installation of WET lime stone FGD at Koradi unit 8, 9 and 10 vide No. Tender No. RFX-3000057942 dtd. 11.06.2025. Techno commercial bid has been opened and deviation was sought from the qualified bidders in SRM Portal of Mahagenco. The scrutiny of deviation documents is in process.</p> <p>As per revised MoEF Notification no. GSR 787 (E) dtd. 30.12.2024. Time target for implementation of FGD is 31-12-2027</p>
ii	Hydro-geological study of the area shall be reviewed annually & results submitted to the Ministry & concerned agency in the State Govt. In case adverse impact on ground water quantity & quality is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken.	<p>A detailed study of Hydro geological study has been carried out by M/S Surya Enviro tech in the month of June-2016.</p> <p>Hydro geological investigation for 3x660 MW Koradi project is done by conducting ground water analysis for Physiochemical parameters periodically from MoEF approved lab. The parameters are found to be within desirable range.</p> <p>Copy of latest ground water report attached as Annexure-I</p>
iii	Minimum required environmental flow suggested by the Competent Authority of the State Govt. shall be maintained in the Channel/ rivers even in lean season. It shall be ensured that natural drainage in the region is not disturbed due to activities associated with operation of the plant	<p>The 3X660 MW Koradi Project was installed on the land available with MAHAGENCO. The natural drainage system available on this land was not disturbed. Koradi TPS, 3X660 MW has installed and commissioned in-house system for trade and sewage effluent.</p> <p>In-house ETP & STP are in operation since incorporation of units i.e. 2017.</p>
iv	Tri-Flue stacks of 275 m height each shall be provided with continuous online monitoring equipment's for SO _x , NO _x & PM. 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>One stack with three flue cans of 275 meters height is provided. Continuous Online monitoring system for PM, SO₂, NO_x for Unit-8, 9 & 10 is commissioned and connected to CPCB & MPCB servers on 10.05.2017. Exit velocity & mercury emission is monitored regularly for all three units. Exit velocity is load depended.</p> <p>CPCB-(OCEMS)- http://cpdms.forbesmarshall.in:8080/enviroconnect/ CPCB(EQMS)- https://glens_glensserver.com/#/login MPCB(OCEMS & EQMS)- https://onlinecems.ecmpcb.in/#/landing/industryReports/realTimeReport</p>
V	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission	High efficiency ESPs are installed at all three Units with design efficiency 99.9 % for particulate emission not more

	does not exceed 50 mg/Nm ³ .	than 50 mg/Nm ³ Since commissioning of project.
Vi	Adequate dust extraction system such as cyclones/ bag filters & water spray system in dusty areas such as in coal handling & ash handling points, transfer areas & other vulnerable dusty areas shall be provided.	At Coal Handling plant mist type fogging systems are commissioned at both the stack yards & are operated as per requirement. The dust suppression system at all transfer points is in service. Additional spray system in CHP area is installed to prevent dust. Fire quenching line erected in stack yard to control fire in coal yard. To arrest the ash in ash handling plant following actions are taken: a) Ensuring availability of vent fans. b) Periodical cleaning of ash filter bags. c) Ensuring optimum efficiency of filter bags purging system through regular routine check. d) Replacement of filter bags in each intermediate silo as and when required. e) Attending fly ash conveying pipelines leakage on priority and replacement of wear out portion of pipelines. f) Regular water sprinkling on nearby roads is carried out periodically. g) DS system is provided at Wagon tippler, bunker level, TP 3, 4, 5, 6 & TP 7. Total 07 DS systems are provided. h) Road sweeping machines are being used to control fugitive emission. i) DFDS system installed along the conveyor length in CHP 3X660MW KTPS Koradi.
vii	Utilization of 100% fly ash generated shall be made from 4 th year of operation of the proposed expansion. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Considering four years from date of operation, the PP has supposed to achieve fly ash utilization target by Jan-2021 efforts were made to encourage utilization of pond ash in various activities such as brick manufacturing, Ash bund dyke raising, construction of national highways etc. Apparently, it is to inform that the total ash utilization % for FY 2020-21 for entire Koradi, TPS stood to 80.96% Since most of the thermal power plant across India are facing the problem of target achievement regarding 100% use of fly ash, MoEF & CC came out with the new notification vide no. SO 5481 (E) dtd 31.12.2021 wherein as per section A(5) the applicability of notification has commenced from 01.04.2022 giving all Thermal power plant across India to dispose of the fly ash within the period of 3 years (i.e March-2025). Similarly, the new notification states for legacy ash that the utilization of legacy ash has to be completed within 10 years from the date of publication of this notification. Hence the timeline for 100% use of legacy ash shall be up to Dec-2031. Monthly ash utilization reports of 210 MW & 660 MW units at Koradi are send to State pollution control board. 1) Availability of stone quarries for ash filling:- The list of allotted stone quarries for Koradi TPS, are Aasola- Sawangi stone quarry mines Wardha road Nagpur. Saoner Boregaon(Junglee), Abandoned mines- Betul road nagpur, H.G. infra stone quarry mines Boregaon (junglee), M/S Guru Baxani's stone quarry Mines, Mahurazari, Nagpur. which are at very much longer distance. In the plant, the bottom ash series disposal system of Koradi TPS is designed for peripheral of 7 KM & in this 7 km of range, there is no direct abandoned stone quarries available for day-to-day ash filling, so it is not feasible to direct ash filling in allotted stone quarries. For Ash filling in the abandoned mines, the distance is very much longer. Hence there is no direct disposal piping available to the said longer distance of about 30 to 100 Km area, it's the design constraints. Hence it is not feasible. 2) Details of the abandoned mines nearby TPS: -The distance of the nearby abandoned mines from KTPS is

		<p>abandoned mines is under consideration.</p> <p>3) As per the list received from CEA, Koradi Thermal Power station has communicated with WCL Nagpur office to explore the possibilities of ash back filing at their abandoned mines. WCL Nagpur also denied the permission (with a reason of environment norms due to fear of river water contamination) for ash back filing in their three open cast mines, namely Naveen Kunada, Telwasa and Dhorwasa in Chandarpur district as these are situated near the banks of Rivers , Pench, Kanhan and Wardha in Chandarpur District.</p> <p>4) This office has initiated proposals for Work of Excavation, Collection, Loading & Transportation of 1,00,000 MT of pond ash from Khasara ash Bund to Umri (Jungli-Khurd) Area & Pachgaon, Salai Menda and Navegaon Crusher Mines each & is in process.</p> <p>5) Babulkheda ,Chincholi, Tandulwani Gat – Grampanchayat peripheral area mines Backfilling work through Mahagenco and Tree Plantation work after soiling through Gram Panchayat -The Drone – Survey Work is completed. To take the ground levels from top to bottom & surface area measurement at actual volume to quantified the ash for backfilling /embankment for the rectified 4 mines in the peripheral area of Babhulgaon-Chincholi- Tandulwani villages. The said levelling measurement work will be completed , this proposal will, be initiated after the permission of District Mining office, Nagpur.</p>
viii	<p>Fly ash shall be collected in dry form & storage facility (silos) shall be provided. 100 % fly ash utilization shall be ensured from 4th year onwards. Unutilized fly ash shall be disposed off in the slurry form. Mercury & 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>Arrangement has been made for disbursement of dry fly ash utilization from intermediate/ HCSD silo no. 1,2 &3. Provision of three Remote silo is also made for dust free loading of ash in bulkers. Unutilized ash is disposed of by HCSD system in Khasara ash bund. Heavy metals are monitored regularly in effluent of ash bund through MoEF & CC approved lab. PP is taking all efforts for 100% ash utilization as per notification no. SO 5481 (E) dated 31.12.2021.</p> <p>1125Cu/m dry ash is stored per silo.</p>
ix	<p>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 shall also be implemented to protect the ash dyke from getting breached.</p>	<p>Koradi TPS is using Khasara Ash Bund for ash disposal, Khasara Ash bund is live hence the work of HDPE & LDPE lining cannot be taken up in hand. Hence it was understood that any lining to the peripheral area of bund is not possible being a live bund. However, following measures are taken to maintain the bund:</p> <ol style="list-style-type: none"> Stone pitching is done at dyke wall. Decanted water is being recycled and reutilized in plant. Bund water is recovered though available weir & drain wells. Proper maintenance of ash bund is done to avoid any breaching of bund. Lagoons are in place inside the ash bund & siphoning system is also in place.
x	<p>For disposal of bottom ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom & sides of the mines 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.</p>	<p>The distance of the nearby abandoned mines from KTPS is about 145 km to 165 km. Hence, to & fro of transportation for ash filling in the abandoned mines is under consideration. Koradi Thermal Power station has recently identified MOIL's Khapa Gumgaon Mines near Koradi TPS. MOIL's Dy. GM (Mines) with their team has visited the Khasara ash bund of Koradi TPS on dtd. 21.05.2024 for inspection. Letter to MPCB- 13.07.2024 PP has consented to the condition.</p>

xi	Closed cycle cooling system with natural draft cooling towers shall be provided. The effluents shall be treated as per the prescribed norms.	Closed cycle cooling water system comprising of Natural Draft Cooling Tower is installed and in service for unit 8, 9 & 10. The effluent from blow down is treated through ETP as per norm and reused for ash disposal.
xii	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. Arrangement shall be made that effluents and storm water do not get mixed.	In house ETP is installed and commissioned to treat trade effluents arising from power station premises. Currently treated effluent is reused within the plant for ash disposal purpose. Separate storm water drainages are provided in plant premises.
xiii	A sewage treatment plant shall be provided & the treated sewage shall be used for raising green belt/plantation.	Two sewage treatment plants having capacity of 25 and 10 KLD are established and treated water is used for developing green belt / plantation. These sewage treatment plants are established for treating raw sewage inside industrial premises only.
xiv	Rainwater harvesting should be adopted. Central groundwater, Authority/ Board shall be consulted for finalization of appropriate rainwater technology within a period of three months from the date of clearance & details shall be furnished.	Rainwater harvesting tanks at 3 locations are provided.
xv	Adequate safety measure 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 plan layout shall be submitted to the regional Officers of the Ministry.	Fire hydrant system is provided at various locations across plant area. Fire quenching line erected in stack yard to control fire in Coal yard.
xvi	Storage facility for auxiliary liquid fuel such as LDO/HFO & LSHS shall be made in the plant area in consultation with Departmental 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.	Oil handling plant is commissioned as per plan sanctioned by Explosive Department. License for oil handling plant is issued by Explosive department. LDO/ HFO is received from Oil India companies and use as received basis. Disaster management plan/ onsite emergency preparedness plan is prepared to address any eventuality. Main Tank FO-2 nos. each capacity of 2000KL LDO-2nos each capacity of 1000KL Main tank (qty- 6000KL) license no. P/HQ/MH/15/6192 (P305883) valid upto 31/12/2027 Day Tank FO-2 nos. each capacity of 500KL LDO-1no capacity of 500KL day tank (qty- 1500KL) license no. P/HQ/MH/15/6192 (P327547) valid upto 31/12/2027.
xvii	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells & constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metal (Hg, Cr, As, Pb) & records maintained & submitted to the Regional office of the Ministry. The data so obtained should be compared with baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Three Nos. of Piezo wells has been installed at periphery of Khasara Ash Bund. Analysis of Ground Water is carried out periodically through MoEF&CC approved laboratory. Recent ground water report of Dec-2025 is enclosed as Annexure-I .
xviii	Green Belt consisting of 3 tiers of plantations of native species around plant & at least 100 m width shall be raised. Wherever 100 m width is not feasible, a 50 m width shall be raised & adequate justification shall be submitted to the Ministry. Tree density shall not be less than 2500 per ha with survival rate less than 70%.	Being an expansion project, the green belt is developed on the land available with MAHAGENCO. Being already existing plant with infrastructure and residential colony, ample plantation/ green belt has already occupied nearby area. Tree plantation near ash bund area is carried out. 10,000 trees planted in FY 2023-24 around plant area including bund. The total project area is 652.02 ha. 33 % of total project area is comes to be 215.16 ha. Out of total project area till dated 30/3 area has been developed as green belt (46.47%).

xix	First aid & sanitation arrangements are to be made for the drivers & other contract workers during construction phase	First aid & sanitation arrangements were made for the drivers & other contract workers during construction phase. Now, construction phase is over and all three units are commissioned
xx	Noise levels emanating from turbines shall be so controlled 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/ earmuffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric records & for treatment for any hearing loss including shifting to non-noisy/ less noisy area.	Acoustic enclosures are provided to high noise generating auxiliaries. Soundproof cabins are provided for staff working in high noise area. Personal protective equipments are provided to staff and contractor labors. Regular medical checkups are arranged by Medical Dispensary for audiometric examination.
xxi	Regular monitoring of ground level concentration of SO ₂ , NO _x , SPM (PM10 & PM2.5) & Hg shall be carried out in the impact zone & 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 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.	KTPS Koradi, 3X660 MW, is carrying out ambient air quality monitoring twice in week at three different locations approved by SPCB. Three CAAQMS are installed around the premises of 3X660 MW Koradi at various locations as approved from SPCB. CAAQMS connectivity to SPCB server is established, Data is available through online connectivity with MPCB server. CAAQMS connectivity to CPCB server is pending from CPCB side. Koradi TPS is regularly carrying out GLC study, recently carried out in Dec-2025 for PM, SO ₂ & NO _x emission. The concentration of pollutants predicted by Industrial source Complex (ISCST3) Dispersion modeling carried out for various locations are found to be normal.
xxii	A good action plan for R & R (if applicable) with package for the project affected persons be submitted & implemented as per prevalent R & R policy within three months from the date of issue of this letter.	No additional land required and the project is installed in existing premises and hence R & R policy is not applicable to this project.
xxiii	An amount of Rs. 20 Crores shall be earmarked as per time capital case for CSR program. Subsequently a recurring expenditure of Rs.4 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be along with road map for implantation.	Impact Assessment of implementation of CSR action plan adjoining villages of TPS had been carried out. The activities undertaken by Mahagenco with capital cost of Rs. 20.00 cr. are completed
xxiv	As part of CSR program 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 community development activities & income generating program. This will be in addition to vocational training for individuals imparted to take self-employment & jobs.	The work orders for Bamboo plantation at Mahagenco's land were issued to the agency which is helping in upliftment of poor section of society.
xxv	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure & 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 structure to be removed after the completion of the project.	Already provided during construction phase. Provisions were made for the housing of construction labor within the site along with all necessary infrastructure & facilities. As of now, construction is over and all three units are commissioned.
xxvi	The project proponent shall advertise in at least two local newspaper widely circulated in the region around the project, one of which shall be in the	PP had advertised in accordance with the procedure of environmental clearance in newspaper as per guidelines.

	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 & copies of clearance letter are available with the State Pollution Control Board/ Committee & may also be seen at Website of the Ministry of Environment & Forest at http://envfor.nic.in .	
xxvii	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body & the Local NGO, if any, from whom suggestions/ representation, if any, received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	PP had sent clearance letter to Panchayat, Zila Parishad /Municipal Corporation, Urban Local Body. The EC of the project proponent was available on MoEF website along with the minutes of EAC. The PP is regularly submitting compliance of EC conditions to IRO, MoEF & CC Nagpur.
xxviii	A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	PP has set up the Environment Management cell. The list of staff available at Environment Management Cell is prepared.
xxix	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website & shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB & the SPCB. The criteria pollutant levels namely RSPM (PM10 & PM 2.5), SOx, NOx, (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.	Yes, compliance to EC conditions are regularly submitted to respective authorities by PP. Monitoring of ambient air quality parameters is carried out regularly. The reports are submitted to regional office of SPCB. Compliance of the stipulated EC conditions sent to the Regional Office of MoEF through mail. Electronic display board at entrance gate for display of CAAQMS & stack parameters is provided. Connectivity of three CAAQMS stations with SPCB server is established and registration for connectivity with CPCB server is also completed.
xxx	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 as by e-mail) to the respective regional office of MoEF, the respective Zonal Office of CPCB & SPCB.	Yes, compliance to EC conditions are regularly submitted to respective authorities by PP. Monitoring of ambient air quality parameters is carried out regularly. The reports are submitted to regional office of SPCB. Compliance of the stipulated EC conditions sent to the Regional Office of MoEF through mail. Last date of submission: vide no 02579 dtd 22.07.2025.
xxxi	The environment statement for each financial year ending 31 st March in Form-V as 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 & shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Environment statement in Form-V of 3X660 MW Koradi for FY 2024-25 is submitted online on MPCB portal. date of submission: dtd 07.08.2025.
xxxii	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment & Forests, its regional Office and Central Pollution Control Board & State Pollution Control Board. The project proponent shall upload the status of compliance of the environmental clearance conditions on their website & update the same periodically & simultaneously send the same by e-mail to the Regional office, Ministry of Environment & Forests.	Yes, compliance to EC conditions are regularly submitted to respective authorities by PP. Monitoring of ambient air quality parameters is carried out regularly. The reports are submitted to regional office of SPCB. Compliance of the stipulated EC conditions sent to the Regional Office of MoEF through mail. Electronic display board at entrance gate for display of CAAQMS & stack parameters is provided. Connectivity of three CAAQMS stations with SPCB server is established and registration for connectivity with CPCB server is also completed
xxxiii	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 & Environment Management Plan along with the	Yes, PP are regularly submitted EC conditions to respective authorities. Monitoring of ambient air quality parameters is carried out regularly. The reports are submitted to regional office of SPCB. Compliance of the stipulated EC conditions sent to the Regional Office of

	additional information submitted from time to time shall be forwarded to the Regional office for their use during monitoring. Project proponent will upload the compliance status in their website & update the same from time to time at least six-monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	MoEF through mail. Electronic display board at entrance gate for display of CAAQMS & stack parameters is provided Connectivity of three CAAQMS stations with SPCB server is established and registration for connectivity with CPCB server is also completed.
xxxiv	Separate funds shall be allocated for implementation of environment protection measures along with item wise break up. This cost shall be included as part of project cost. The funds earmarked for environment protection measures shall not be diverted for other purposes and year wise expenditure shall be reported to the ministry.	The activity has been completed in project stage.
xxxv	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure & final approval of the project by the concerned authorities & the dates of start of land development work & commissioning of plant.	Date of approval of Project: 18/01/2008. The dates for Land development work were informed during the initiation phase of the project and subsequently the dates of COD for respective units are also intimated to MoEF&CC accordingly. Regarding date of financial closure, it will be intimated after compliance of EC conditions. Date of comm. /COD: U-8: 16/12/2015, U-9: 22/11/2016, U-10: 17/01/2017.
xxxvi	Full co-operation shall be extended to the Scientist/ Officers from the Ministry/ Regional office of the Ministry at Bangalore/CPCB/SPCB who would be monitoring the compliance of environment status.	PP has consented to the condition.
MoEF Letter Ref. No. J- 13012/87/2007-IA. II (T) dtd. 27/03/2015.		
i	Harnessing solar power within the premises of the plant particularly at available rooftops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half yearly monitoring report.	PP has already initiated to install 5 MW solar plant in the vicinity of Koradi, TPS & work is in progress.
ii	A long-term study of radioactivity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof shall be analyzed every two years and reported in monitoring reports. Thereafter mechanism for an in-built continuous monitoring system for radioactivity and heavy metals in coal and Fly ash (including bottom ash) shall be put in place.	Coal & Ash samples are tested recently at Board of Radiation & Isotope Technology (BRIT), New Mumbai. Reports on dtd.14.12.2024 indicated that the measurement values of Coal & Ash samples are below the clearance level for radionuclides of natural origin in bulk solid material as per capital AERB (Atomic Energy Regulatory Board) directives 01/2010 (Table B) table 26.11.2010.
iii	Fugitive emissions shall be controlled to prevent impact on agriculture or non- agriculture land.	KTPS is taking all out efforts to reduce source emissions thereby achieving ambient air quality such as installation of ESP with 99.9% efficiency, and over fire air(OFA) low NOx burners. Whereas, FGD installation is proposed to control SO2 emission. At Koradi TPS one stack consisting of three flue cans with height 275m is installed which disperses the emission in wider area which minimize the impact of emission. Additionally, The dust suppression system at all transfer points of CHP area and fogging system are in service. DS system is installed at site to control coal dust. Additional spray system in CHP area is installed to prevent dust Measures taken to minimize the fugitive dust in CHP & AHP area
iv	Fly ash shall not be used for agriculture purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media so that no leaching shall take place at any point of time. In case, the option for mine void filling is adopted, prior detailed study of	PP has consented to condition.

		permitted subject to setting up technology solution for emission norms". In this context, it may please be informed that 660 MW units at Koradi are taking all out efforts for use of low ash content coal by blending wash coal and raw coal.
iv	The compliance of EC conditions shall be reviewed on quarterly basis. In this regard, a compliance mechanism shall be set up through plant head who is responsible for implementing the conditions stipulated in the Environmental clearance, non-compliances and violations. Budget to implement various environmental pollution control measures as proposed in the EMP shall be kept in a separate account and shall not be diverted for any other purposes. Compliance reports shall be uploaded on company's website.	PP has consented for the same. Organizational hierarchy is established for compliance reporting mechanism at plant level. PP has been submitting EC conditions compliance on six monthly basis regularly. Last date of submission on dtd 22.07.2025
MoEF Letter Ref. No. J-13012/87/2007-IA. II (T) dtd. 29/05/2018.		
i	Construction of pillars in the water bodies (Rivers & Nallahs) shall be carried out in the dry season only.	Work for transportation of coal by closed pipe conveyor for a length of 16.1 km and with a capacity of 7.35 MTPA from Gondegaon and Bhanegaon mines to Koradi Thermal Power Plant via Khaperkheda Thermal Power Plant has been started as per EC amendment dtd. 29.05.2018. Consent to operate is received from MPCB for closed pipe conveyor system. Work completed for Khaperkheda TPS & Koradi, TPS and in service.
ii	Dust suppression system such as mist/dry for jet sprinklers to be setup at the transfer points to arrest the fugitive dust emissions.	Dust suppression system in the form of sprinklers are working for closed pipe conveyor system.
iii	For every tree cut along the proposed route in the non-forest area, guidelines of Forest (Conservation) Act, 1980 shall be followed in consultation with the local State Forest Department.	No tree cut for pipe conveyor has been done.
iv	Noise level shall be in accordance with the Noise Pollution Rules.	Noise level has been maintained as per Noise Pollution Rules.