



**File No: J-13012/4/2018-IA.I (T)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**

Indira Paryavaran Bhawan,  
3<sup>rd</sup> Floor, Vayu Wing  
Jor Bagh Road,  
Aliganj, New Delhi-110003

Dated: 04.09.2018

To

✓ Shri S.P. Jain, Chief Engineer (Planning & Project)  
**M/s Gujarat State Electricity Corporation Ltd.**  
Vidyut Bhawan, Race Course,  
Vadodara-390117.

Phone No. 91-265-6612131; E-mail: cepnp.gsecl@gebmail.com

**Sub: Proposed 1x800 MW Coal based Super Critical Thermal Power Project and decommissioning of 2x120 MW units at Ukai Thermal Power Plant at Village Vagda, Tehsil Fort Songadh, District Tapi, Gujarat by M/s Gujarat State Electricity Co. Ltd.- reg. grant of Terms of Reference (ToR).**

Sir,

The undersigned is directed to refer your online application no. **IA/GJ/THE/72913/2018** dated 12.2.2018, Ministry's letter dated 07.05.2018 and documents submitted vide your letter dated 17.3.2018, 6.7.2018 w.r.t the aforesaid project.

2. It has been noted that Gujarat State Electricity Corporation limited (GSECL) is a company promoted in 1993 by Gujarat Urja Vikas Nigam Ltd. (GUVNL-formerly GEB, Gujarat Electricity Board) as 100% owned subsidiary. M/s GSECL intends to replace existing and old ineffectual units at Ukai Thermal Power Plant at Ukai. The total installed generating capacity at Ukai TPS is 1350 MW, comprising 2x120 MW (Units 1 & 2), 2x200 MW (Units 3 & 4), 1x210 MW (Unit 5), and 1x500 MW (Unit 6).

3. It has been noted that the proposed project is replacement of existing Unit 1 (120 MW), Unit 2 (120 MW) and Unit 3 (200 MW) by 1x800 MW coal based Supercritical Unit. Presently, Unit Nos.-1 and 2 have been shut down. Units-3, 4, 5 and 6 are under operation. Unit Nos. 1, 2, 3, 4, 5 and 6 have been commissioned on/in 19.3.1976, June, 1976, Jan, 1979, September, 1979, January, 1985 and June, 2013, respectively. Consent to Operate/ Consolidated Consent Authorisation has been obtained from GPCB vide letter dated 17.0.2017 which is valid up to 06.07.2020. The Project will be located within the GSECL premises of UTPS at Ukai, Distt. Tapi, Gujarat. The geographical location of UTPS is at Latitude 21°12'36.5" North and the Longitude 73°33'26.3" East.

4. Total land requirement for the proposed project is 89 Acres which is within the existing plant boundary of 280 acres, out of which 32 acres will be used by demolished proposed plant area and the remaining 57 acres is available within the existing plant boundary and vacant The approximate break up for the required land is as under:

S.No.	Item	Area (acres)
1.	Main Plant (including switchyard)	
2.	Coal Handling Plant	20.0
3.	Ash Handling Plant	4.0

4.	Balance of Plant	15.0
5.	FGD	15.0
6.	Ash Pond	Nil (existing to be used)
7.	Storage / Fabrication yard / Site office area during construction period	15

5. There are no forestland involved in the project. There are no protected areas under Wildlife (Protection) Act, 1974 within 10 km radius of the project site. Tapi river is at 5.5 km North from the project site. Ukai Dam and reservoir is at 4 km from the project site. Ukai left bank canal is located adjacent to the project. Inter-state boundary of Gujarat and Maharashtra is located at ~5 km SE from the project site.

6. The Existing structures 220 kV switchyard of Units 1, 2 & 3 used for evacuation of power from these units, 220 kV switchyard for Units 4 & 5 used for evacuation of power from these units, existing TG building, boiler house, ESP, Chimney, Service building and associated structures for Unit Nos. 1, 2 & 3, existing coal handling and storage systems of Unit Nos. 1, 2 & 3, existing Canteen will be permanently demolished.

7. Water requirement for the proposed 1x800 MW unit is about 1,900 m<sup>3</sup>/hr. The water requirement for the existing power plant is met through Ukai left bank Main Canal. After decommissioning of Units 1, 2 and 3, water availability in the canal is sufficient to cater to the net consumptive water requirement of the new unit and also the existing units. Complete plant water requirement will be met through the Ukai canal. The water requirement for the existing power plant is 50,000 m<sup>3</sup>/hr.

8. The Annual Coal requirement for the 1x800 MW Unit at 85% PLF based on the Gross Station Heat rate of 2,150 kcal/ kwh and design coal for the unit of 800 MW is around 3.33 MTPA. Coal shall be transported by railway, through BOXN wagons. The coal will be sourced from South Eastern Coalfields and Western Coal Fields Ltd. the subsidiaries company of Coal India Ltd., Central Govt. Undertaking company. As per Fuel Supply Agreement (FSA), Annual Allocated coal quantity for the existing UTPS (870 MW) is 31.40 LMT from South Eastern Coal Fields Ltd. At present, coal with 34% ash content (washed coal) is taken from SECL. Domestic coal has been considered with Design Gross Calorific Value assumed to be 3,831 kCal/kg and 35.84% Ash Content.

9. Estimated quantity of total ash (Bottom Ash + Fly Ash) which will be generated from the plant firing design coal (Indian coal) having an average ash content of 35.84% is about 161 TPH with 1x800 MW at TMCR. The proposed supercritical unit is designed for zero liquid discharge. Treatment will be provided for oil contained water effluent and for DM plant reject and other types of waste water/effluents. Sewage will be treated separately and reserved for horticulture. Cooling Tower blow down will be used for ash handling, dust suppression, horticulture, etc. after necessary treatment. Flue gas desulphurization system (FGD) will be installed to meet the emission norms related to limitations of SO<sub>2</sub> content in Flue gas. The FGD installation or implementation of revised emission norms are under planning for Unit Nos. 4, 5 and 6. Tenders have been floated for Unit-6. Further, cooling towers are also to be installed for Unit Nos. 4, 5 and 6 as open cycle/once through cooling system is in practice.

10. The estimated cost of the proposed Project of 1x800 MW, considering GIS Switch yard is worked out to be Rs. 5,113 Crores

11. The sub-committee visited the project site during 6th-7th April, 2018 and submitted the report. The report of the sub-committee has been discussed in the 16th meeting of EAC (Thermal) held on 19.04.2018 and the committee opined that PP is using three large ash ponds which occupied more area than the area of power plant. Considering the space constraint in the existing power plant area, EAC suggested that

PP should submit the action plan to locate the proposed power plant to the ash pond area adjacent to the power plant along with the reclamation plan for ashpond.

12. It has been noted that you have submitted an action plan in response to the Sub-committee observations. The action plan has been deliberated by the EAC (Thermal Power) in its meeting held on 25.7.2018. Further, it has been noted that you have submitted for exemption of installing cooling towers for the Units -4 & 5 (1x200 MW & 1x210 MW). As per the Ministry's Notification vide S.O.3305(E) dated 7.12.2015, all the plants with Once Through Cooling (OTC) shall install Cooling Tower (CT) and achieve specific water consumption up to maximum of 3.5 m<sup>3</sup>/MWh within a period of two years. Further, the Ministry has not agreed to the request of exempting cooling towers as it is mandatory requirement under the Ministry's Notification dated 7.12.2015.

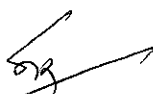
13. The proposal for grant of ToR has been considered by the EAC (Thermal Power) in its 15<sup>th</sup>, 16<sup>th</sup> and 19<sup>th</sup> meetings held on 12.2.2018, 19.4.2018 and 25.7.2018. Based on the recommendations of the re-constituted EAC (Thermal Power) in its meeting held on 25.7.2018 and the information/clarifications & documents submitted by you with regard to the above-mentioned project proposal, **the Ministry hereby prescribes the following TOR along with the standard ToR (as applicable)** for preparation of the EIA and EMP Report.

- i. *Compliance to the Ministry's notification dated 07.12.2015 w.r.t. emission standards, specific water consumption and installation of cooling towers shall be submitted.*
- ii. *A request shall be made to DG, CSIR-AMPRI for developing geopolymers with flyash so that the existing ash can be converted into high strength material so that there will not be any need to excavate the ash. In case of excavation, the excavated ash shall be disposed by conditioning ash with lime or soil.*
- iii. *Action taken report based on observations made by the sub-committee in its site visit conducting during 6th -7th April, 2018.*
- iv. *Strengthening of Environmental Management Cell at Head Office and Site shall be strengthened by appointing regular persons in the field of Environmental Sciences/Engineering, Chemistry, Civil Engineering and Horticulture. The head of environment will directly report to plant head. A Corporate Environmental Policy shall be formulated.*
- v. *Thermal Dilution Study shall be conducted with physical and mathematical modelling for both scenarios i.e. with and without cooling towers. By conducting thermal contours shall be submitted based on the study.*
- vi. *Certified Compliance report by the Regional Office of the Ministry shall be submitted for existing Units-3, 4, 5 & 6. For the units which Environmental Clearance is not available, conditions on Consent to Operate shall be taken in addition to the extant emission and discharge standards.*
- vii. *Municipal Solid waste collection and segregation shall be done so that the composting of biodegradable waste can be done and recyclable waste can be sent to reuse instead of sending entire waste to landfill.*
- viii. *Vision document specifying prospective long term plan of the project shall be formulated and submitted.*
- ix. *Action Plan for achieving the revised emission norms of the Ministry's vide notification dated 7.12.2015 and subsequent amendments be submitted.*
- x. *The project proponent needs to identify minimum three potential sites based on environmental, ecological and economic considerations, and choose one appropriate site having minimum impacts on ecology and environment. A detailed comparison of the sites in this regard shall be submitted, if any.*
- xi. *Executive summary of the project indicating relevant details along with recent photographs of the proposed site (s) shall be provided. Response to the issues raised during Public Hearing and the written representations (if any), along with*



- a time bound Action Plan and budgetary allocations to address the same, shall be provided in a tabular form, against each action proposed.
- xii. Harnessing solar power within the premises of the plant particularly at available roof tops and other available areas shall be formulated and for expansion projects, status of implementation shall also be submitted.
  - xiii. The geographical coordinates (WGS 84) of the proposed site (plant boundary), including location of ash pond along with topo sheet (1:50,000 scale) and IRS satellite map of the area, shall be submitted. Elevation of plant site and ash pond with respect to HFL of water body/nallah/River and high tide level from the sea shall be specified, if the site is located in proximity to them.
  - xiv. Layout plan indicating break-up of plant area, ash pond, green belt, infrastructure, roads etc. shall be provided.
  - xv. Land requirement for the project shall be optimized and in any case not more than what has been specified by CEA from time to time. Item wise break up of land requirement shall be provided.
  - xvi. Present land use (including land class/kisam) as per the revenue records and State Govt. records of the proposed site shall be furnished. Information on land to be acquired including coal transportation system, laying of pipeline, ROW, transmission lines etc. shall be specifically submitted. Status of land acquisition and litigation, if any, should be provided.
  - xvii. If the project involves forest land, details of application, including date of application, area applied for, and application registration number, for diversion under FCA and its status should be provided along with copies of relevant documents.
  - xviii. The land acquisition and R&R scheme with a time bound Action Plan should be formulated and addressed in the EIA report.
  - xix. Satellite imagery and authenticated topo sheet indicating drainage, cropping pattern, water bodies (wetland, river system, stream, nallahs, ponds etc.), location of nearest habitations (villages), creeks, mangroves, rivers, reservoirs etc. in the study area shall be provided.
  - xx. Location of any National Park, Sanctuary, Elephant/Tiger Reserve (existing as well as proposed), migratory routes / wildlife corridor, if any, within 10 km of the project site shall be specified and marked on the map duly authenticated by the Chief Wildlife Warden of the State or an officer authorized by him.
  - xxi. Topography of the study area supported by toposheet on 1:50,000 scale of Survey of India, along with a large scale map preferably of 1:25,000 scale and the specific information whether the site requires any filling shall be provided. In that case, details of filling, quantity of required fill material; its source, transportation etc. shall be submitted.
  - xxii. A detailed study on land use pattern in the study area shall be carried out including identification of common property resources (such as grazing and community land, water resources etc.) available and Action Plan for its protection and management shall be formulated. If acquisition of grazing land is involved, it shall be ensured that an equal area of grazing land be acquired and developed and detailed plan submitted.
  - xxiii. A mineralogical map of the proposed site (including soil type) and information (if available) that the site is not located on potentially mineable mineral deposit shall be submitted.
  - xxiv. Details of fly ash utilization plan as per the latest fly ash Utilization Notification of GOI along with firm agreements / MoU with contracting parties including other usages etc. shall be submitted. The plan shall also include disposal method / mechanism of bottom ash.
  - xxv. The water requirement shall be optimized (by adopting measures such as dry fly ash and dry bottom ash disposal system, air cooled condenser, concept of zero discharge) and in any case not more than that stipulated by CEA from time to

- time, to be submitted along with details of source of water and water balance diagram. Details of water balance calculated shall take into account reuse and re-circulation of effluents.
- xxvi. Water body/Nallah (if any) passing across the site should not be disturbed as far as possible. In case any Nallah / drain is proposed to be diverted, it shall be ensured that the diversion does not disturb the natural drainage pattern of the area. Details of proposed diversion shall be furnished duly approved by the concerned Department of the State.
  - xxvii. It shall also be ensured that a minimum of 500 m distance of plant boundary is kept from the HFL of river system / streams etc. and the boundary of site should also be located 500 m away from railway track and National Highways.
  - xxviii. Hydro-geological study of the area shall be carried out through an institute/ organization of repute to assess the impact on ground and surface water regimes. Specific mitigation measures shall be spelt out and time bound Action Plan for its implementation shall be submitted.
  - xxix. Detailed Studies on the impacts of the ecology including fisheries of the River/Estuary/Sea due to the proposed withdrawal of water / discharge of treated wastewater into the River/Sea etc shall be carried out and submitted along with the EIA Report. In case of requirement of marine impact assessment study, the location of intake and outfall shall be clearly specified along with depth of water drawl and discharge into open sea.
  - xxx. Sources of water and its sustainability even in lean season shall be provided along with details of ecological impacts arising out of withdrawal of water and taking into account inter-state shares (if any). Information on other competing sources downstream of the proposed project and commitment regarding availability of requisite quantity of water from the Competent Authority shall be provided along with letter / document stating firm allocation of water.
  - xxxi. Detailed plan for rainwater harvesting and its proposed utilization in the plant shall be furnished.
  - xxxii. Feasibility of near zero discharge concept shall be critically examined and its details submitted.
  - xxxiii. Optimization of Cycles of Concentration (COC) along with other water conservation measures in the project shall be specified.
  - xxxiv. Plan for recirculation of ash pond water and its implementation shall be submitted.
  - xxxv. Detailed plan for conducting monitoring of water quality regularly with proper maintenance of records shall be formulated. Detail of methodology and identification of monitoring points (between the plant and drainage in the direction of flow of surface / ground water) shall be submitted. It shall be ensured that parameter to be monitored also include heavy metals. A provision for long-term monitoring of ground water table using Piezometer shall be incorporated in EIA, particularly from the study area.
  - xxxvi. Socio-economic study of the study area comprising of 10 km from the plant site shall be carried out through a reputed institute / agency which shall consist of detail assessment of the impact on livelihood of the local communities.
  - xxxvii. Action Plan for identification of local employable youth for training in skills, relevant to the project, for eventual employment in the project itself shall be formulated and numbers specified during construction & operation phases of the Project.
  - xxxviii. If the area has tribal population it shall be ensured that the rights of tribals are well protected. The project proponent shall accordingly identify tribal issues under various provisions of the law of the land.
  - xxxix. A detailed CSR plan along with activities wise break up of financial commitment shall be prepared. CSR component shall be identified considering need based assessment study and Public Hearing issues. Sustainable income generating



measures which can help in upliftment of affected section of society, which is consistent with the traditional skills of the people shall be identified. Separate budget for community development activities and income generating programmes shall be specified.

- xli. While formulating CSR schemes it shall be ensured that an in-built monitoring mechanism for the schemes identified are in place and mechanism for conducting annual social audit from the nearest government institute of repute in the region shall be prepared. The project proponent shall also provide Action Plan for the status of implementation of the scheme from time to time and dovetail the same with any Govt. scheme(s). CSR details done in the past should be clearly spelt out in case of expansion projects.
- xlii. R&R plan, as applicable, shall be formulated wherein mechanism for protecting the rights and livelihood of the people in the region who are likely to be impacted, is taken into consideration. R&R plan shall be formulated after a detailed census of population based on socio economic surveys who were dependent on land falling in the project, as well as, population who were dependent on land not owned by them.
- xliii. Assessment of occupational health and endemic diseases of environmental origin in the study area shall be carried out and Action Plan to mitigate the same shall be prepared.
- xliv. Occupational health and safety measures for the workers including identification of work related health hazards shall be formulated. The company shall engage full time qualified doctors who are trained in occupational health. Health monitoring of the workers shall be conducted at periodic intervals and health records maintained. Awareness programme for workers due to likely adverse impact on their health due to working in non-conductive environment shall be carried out and precautionary measures like use of personal equipment etc. shall be provided. Review of impact of various health measures undertaken at intervals of two to three years shall be conducted with an excellent follow up plan of action wherever required.
- xlv. One complete season site specific meteorological and AAQ data (except monsoon season) as per latest MoEF Notification shall be collected and the dates of monitoring shall be recorded. The parameters to be covered for AAQ shall include PM10, PM2.5, SO2, NOx, CO and Hg. The location of the monitoring stations should be so decided so as to take into consideration of the upwind direction, pre-dominant downwind direction, other dominant directions, habitation and sensitive receptors. There should be at least one monitoring station each in the upwind and in the pre-dominant downwind direction at a location where maximum ground level concentration is likely to occur.
- xlvi. In case of expansion project, air quality monitoring data of 104 observations a year for relevant parameters at air quality monitoring stations as identified/stipulated shall be submitted to assess for compliance of AAQ Standards (annual average as well as 24 hrs).
- xlvii. A list of industries existing and proposed in the study area shall be furnished.
- xlviii. Cumulative impacts of all sources of emissions including handling and transportation of existing and proposed projects on the environment of the area shall be assessed in detail. Details of the Model used and the input data used for modeling shall also be provided. The air quality contours should be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any. The windrose and isopleths should also be shown on the location map. The cumulative study should also include impacts on water, soil and socio-economics.
- xlviii. Radio activity and heavy metal contents of coal to be sourced shall be examined and submitted along with laboratory reports.

- xlix. Fuel analysis shall be provided. Details of auxiliary fuel, if any, including its quantity, quality, storage etc should also be furnished.
1. Quantity of fuel required, its source and characteristics and documentary evidence to substantiate confirmed fuel linkage shall be furnished. The Ministry's Notification dated 02.01.2014 regarding ash content in coal shall be complied. For the expansion projects, the compliance of the existing units to the said Notification shall also be submitted
  - li. Details of transportation of fuel from the source (including port handling) to the proposed plant and its impact on ambient AAQ shall be suitably assessed and submitted. If transportation entails a long distance it shall be ensured that rail transportation to the site shall be first assessed. Wagon loading at source shall preferably be through silo/conveyor belt.
  - lii. For proposals based on imported coal, inland transportation and port handling and rail movement shall be examined and details furnished. The approval of the Port and Rail Authorities shall be submitted.
  - liii. Details regarding infrastructure facilities such as sanitation, fuel, restrooms, medical facilities, safety during construction phase etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase should be adequately catered for and details furnished.
  - liv. EMP to mitigate the adverse impacts due to the project along with item - wise cost of its implementation in a time bound manner shall be specified.
  - lv. A Disaster Management Plan (DMP) along with risk assessment study including fire and explosion issues due to storage and use of fuel should be carried out. It should take into account the maximum inventory of storage at site at any point of time. The risk contours should be plotted on the plant layout map clearly showing which of the proposed activities would be affected in case of an accident taking place. Based on the same, proposed safeguard measures should be provided. Measures to guard against fire hazards should also be invariably provided. Mock drills shall be suitably carried out from time to time to check the efficiency of the plans drawn.
  - lvi. The DMP so formulated shall include measures against likely Fires/Tsunami/Cyclones/Storm Surges/Earthquakes etc, as applicable. It shall be ensured that DMP consists of both On-site and Off-site plans, complete with details of containing likely disaster and shall specifically mention personnel identified for the task. Smaller version of the plan for different possible disasters shall be prepared both in English and local languages and circulated widely.
  - lvii. Detailed scheme for raising green belt of native species of appropriate width (50 to 100 m) and consisting of at least 3 tiers around plant boundary with tree density of 2000 to 2500 trees per ha with a good survival rate of around 80% shall be submitted. Photographic evidence must be created and submitted periodically including NRSA reports in case of expansion projects. A shrub layer beneath tree layer would serve as an effective sieve for dust and sink for CO2 and other gaseous pollutants and hence a stratified green belt should be developed.
  - lviii. Over and above the green belt, as carbon sink, plan for additional plantation shall be drawn by identifying blocks of degraded forests, in close consultation with the District Forests Department. In pursuance to this the project proponent shall formulate time bound Action Plans along with financial allocation and shall submit status of implementation to the Ministry every six months.
  - lix. Corporate Environment Policy
    - i. Does the company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.

- ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
- iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions. Details of this system may be given.
- iv. Does the company has compliance management system in place wherein compliance status along with compliances / violations of environmental norms are reported to the CMD and the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism should be detailed in the EIA report.

All the above details should be adequately brought out in the EIA report and in the presentation to the Committee.

14. Besides the above, the following general points shall be followed:
- a. All documents to be properly referenced with index, page numbers and continuous page numbering.
  - b. Where data is presented in the report especially in table, the period in which the data was collected and the source should invariably be indicated.
  - c. Where the documents provided are in a language other than English, an English translation should be provided.
  - d. The Questionnaire for environmental appraisal of thermal power projects as devised earlier by the Ministry shall also be filled and submitted.
  - e. The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India (QCI) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA/ EMP reports prepared by them and data provided by other organization / Laboratories including their status of approvals etc. In this regard circular no. F.No. J-11013/77/2004-IA-II (I) dated 2<sup>nd</sup> December, 2009 is posted on the Ministry's website <http://www.moef.nic.in> may be referred.

15. In addition to the above, information on the following may also be incorporated in the EIA report.

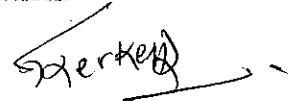
1. Is the project intended to have CDM-intent?
  - (i) If not, then why?
  - (ii) If yes, then
    - a. Has PIN (Project Idea Note) {or PCN (Project Concept Note)} submitted to the ?NCA? (National CDM Authority) in the MoEF?
    - b. If not, then by when is that expected?
    - c. Has PDD (Project Design Document) been prepared?
    - d. What is the Carbon intensity? from your electricity generation projected (i.e. CO<sub>2</sub> Tons/MWH or Kg/KWH)
    - e. Amount of CO<sub>2</sub> in Tons/year expected to be reduced from the baseline data available on the CEA?s web-site ([www.cea.nic.in](http://www.cea.nic.in))
2. Notwithstanding 1(i) above, data on (d) & (e) above shall be worked out and reported.

16. **The Environmental Clearance shall be applied only after fuel and water linkages are firmed up.**



17. After preparing the Draft EIA (as per the generic structure prescribed in Appendix-III of the EIA Notification, 2006) covering the above mentioned issues, the same shall be submitted to the DPCC for conducting the public hearing as per procedure of EIA notification 2006. The issues emerged during public hearing shall be further incorporated in the Draft EIA/EMP report. The final EIA/EMP report along with public hearing report and the requisite documents (*including written objections, if any*) shall be submitted to the Ministry for appraisal by the Expert Appraisal Committee for consideration of awarding environmental clearance under the provisions of Environmental Impact Assessment notification dated September 14, 2006.


18. The ToRs prescribed shall be valid for a period of **three years** from the date of issue for submission of final EIA/ EMP reports, after public consultation.



**(Dr. S. Kerketta)**  
**Director, IA. I**

*Copy to:-*

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
4. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5, Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal – 462016
5. The Additional Chief Secretary, Forests & Environment Department, Government of Gujarat, Block-14, 8<sup>th</sup> Floor, Sachivalaya, Gandhinagar - 382 010, Gujarat.
6. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar-382010.
7. The District Collector Office, Collector office, Tapi-Vyara, Gujarat – 394651.
8. Guard file/Monitoring file.
9. Website of MoEF&CC.



**(Dr. S. Kerketta)**  
**Director, IA. I**