



सत्यमेव जयते

**File No.: J-13012/65/2008-IA.II(T)**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**IA Division**

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Dated 13/11/2023



To,

Vijay Prakash  
 NTPC LIMITED  
 NTPC Limited, NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi – 110003  
 , , EAST, DELHI, , 110003  
 environment.ntpc@gmail.com

**Subject:** Amendment in prior Terms of Reference (ToR) granted to the project under the provision of the EIA Notification 2006 and as amended thereof regarding.

**Sir/Madam,**

This is in reference to your application submitted to Ministry vide proposal number IA/OR/THE/441147/2023 dated 07/02/2023 for grant of an amendment in prior Terms of Reference (ToR) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) ToR Identification No.	TO23A0601OR5188125A
(ii) File No.	J-13012/65/2008-IA.II(T)
(iii) Clearance Type	Amendment in ToR
(iv) Category	A
(v) Schedule No./ Project Activity	1(d) Thermal Power Plants
(vi) Sector	Thermal Projects
(vii) Name of Project	Darlipali Super Thermal Power Project, Stage-II (1x800 MW)
(ix) Location of Project (District, State)	SUNDARGARH, ODISHA
(x) Issuing Authority	MoEF&CC
(xii) Applicability of General Conditions	No

1. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A and B) were submitted to the Ministry for an appraisal by the Expert Appraisal Committee (EAC) in the Ministry under the provision of EIA notification 2006 and its subsequent amendments.

2. The above-mentioned proposal has been considered by EAC in the meeting held on 26/09/2023. The minutes of the

meeting and all the project documents are available on PARIVESH portal which can be accessed by scanning the QR Code above.

3. The brief about the reasons for an amendment requested and comparison table, as submitted by the Project Proponent in Form-1 (Part A and B) and presented during EAC are available on PARIVESH portal which can be accessed by scanning the QR Code above.

4. The details of amendment sought is mentioned at table 1.

Table 1

S. No.	Para of MoEF&CC issued by	ToRDetails as per the ToR	To be revised/ read as	Justification/ reasons
1.	6 [A] (i)	The site selected for ash disposal is not suitable. Alternate site shall be selected and plan to reduce the area for ash disposal by using latest technology. Also remove the forest area located at downward side of the plant towards Basundhara river. Accordingly, a revised layout map shall be submitted along with EIA/EMP.	The paragraph may be deleted	The area proposed for the ash pond is bare minimum and in line with MoEF&CC Notification dated 31.12.2021 and 30.12.2022. Therefore, a reduction in ash pond area is not feasible. However, NTPC has undertaken a detailed analysis of three alternate locations for locating additional ash dyke apart from the proposed location (thereby making four alternate location) and the analysis reveals that the proposed location is the most suitable location considering all the relevant factors. NTPC is already adopting state of the art HCSD system for disposal of unutilized ash in which there is no risk of water pollution. However, a distance of 500 m towards Basundhara river shall be left to protect the river from the adverse impacts of the ash dyke and the ash dyke shall be provided with HDPE Liner to protect surface & ground water resources.
2.	6 [A] (v)	Details of Ash Management of existing and proposed in view that the flyash disposal area for existing plant shall not be used for proposed expansion.	The phrase “keeping in view that the flyash disposal area for premises, the ash dykes of both the stages shall be operated in synchronization with alternate filling and raising of lagoon to facilitate higher ash utilization.” May be deleted	As the units of both Stage-I and Stage-II shall be within the same premises, the ash dykes of both the stages shall be operated in synchronization with alternate filling and raising of lagoon to facilitate higher ash utilization.

5. The EAC, in its meeting held on 26/09/2023, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of amendment in Terms of Reference under the

provision of EIA Notification, 2006 and as amended thereof.  
6.This issues with the approval of the Competent Authority

**Copy**  
**To**

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi - 110 001.
2. The Chairman, Central Electricity Authority, Sewa Bhawan, R. K. Puram, New Delhi - 110 066.
3. The Secretary, Department of Environment, Government of Odisha, Secretariat, Bhubaneswar.
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, EastArjun Nagar, Delhi - 110 032.
5. The Deputy Director General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, A/3, Chandersekharpur, Bhubaneswar – 751023.
6. The Member Secretary, Odisha State Pollution Control Board, Parivesh Bhawan, A/118 Nilakantha Nagar, Unit-VIII, Bhubaneshwar-751012.
7. Guard file/Monitoring file
8. Website of MoEF&CC.

**Annexure 1**

**Additional EC Conditions**

N/A

**Annexure 2**

**Amendment Logs**

Description	Reference	Existing	Proposed / Amendment	Reason
Approved ToR	6 [A] (v)	Details of Ash management of existing and proposed project shall be submitted keeping in view that the fly ash disposal area for existing plant shall not be used for proposed expansion.	The fly ash disposal area for Stage-I & Stage-II may be used collectively for disposal & ash utilization from Stage-I & Stage-II.	As the units of both Stage I and Stage II shall be within the same premises, the ash dykes of both the stages shall be operated in synchronization with alternate filling and raising of lagoon to facilitate higher ash utilization.
Approved ToR	6[A](i)	The site selected for ash disposal is not suitable. Alternate site shall be selected and plan to reduce the area for ash disposal by using latest technology. Also remove the forest area located at downward side of the plant towards	Based on the studies for alternate sites submitted by NTPC, the proposed site may be used for ash dyke.	Analysis reveals that the proposed location is the most suitable. HCSD and HDPE liners provision shall be made and distance 500 m shall be left towards river.

Description	Reference	Existing	Proposed / Amendment	Reason
		Basundhara river.		

