

**AGENDA FOR 19<sup>TH</sup> MEETING OF THE RE-CONSTITUTED EXPERT APPRAISAL COMMITTEE (EAC) (THERMAL POWER PROJECTS) TO BE HELD ON 11<sup>TH</sup> JANUARY, 2022 DURING 10:30AM – 01:00PM THROUGH VIDEO CONFERENCE.**

**Instructions to Project Proponents:**

1. The EAC meeting will be held through Video-Conference.
2. Project Proponents shall send the following through e-mail to all members immediately by 9<sup>th</sup> January, 2022. E-mails of all members are given at page No. 6:
  - a) Duly filled in Agenda Form given at page No. 5.
  - b) Basic Information in the Formats given at page Nos. 7-11.
  - c) Executive Summary
  - d) **.kml** shape file showing boundaries of project facilities (plant, ash dyke, rail/transmission lines, intake water point, water pipelines, etc.)
  - e) Presentation (.pdf to all members, PPT format to EAC Secretariat officials (**Shri Yogendra Pal Singh, Scientist 'E' & Member Secretary ([yogendra78@nic.in](mailto:yogendra78@nic.in))/ Shri Munna Kumar Shah, Scientist 'D' ([munna.shah@gov.in](mailto:munna.shah@gov.in))/ [ia1.thermal@gmail.com](mailto:ia1.thermal@gmail.com).**
  - f) Duly filled in Undertaking at pg.12
  - g) Copy of Valid NABET-QCI Certificate of Consultants
3. The proposals listed in the agenda are given below. **Those proponents whose details are received as per the Sl.No.2 will only be taken up for Video-conference and to be followed strictly as the time slot given is very less.**
4. Details of project proponents and number of online access points required are to be sent in advance. Only two persons from Proponent side shall communicate to Ministry Officials (Shri Yogendra Pal Singh, Scientist 'E' & Member Secretary/ Shri Munna Kumar Shah, Scientist 'D') for connecting through video conference as per their time slot.
5. Only 3-4 access points (number of devices, computer/laptop/mobile) will be permitted for one proposal/proponent which include consultants. Only one project proponent will be connected to EAC as per their slot. Remaining proponents have to wait for their time slot for joining VC meeting.
6. After receiving the information from proponent, a link will be sent to selective people for installing a software for video-conference. All proponents can join the conference between 10:00AM - 10:15AM on 23.12.2021 for testing purpose. However, the actual meeting will commence at 10:30 AM.

7. Project Proponent shall present salient points of the proposal. Only one person should speak at a time and keep the audio switched off during conference. Remaining shall keep their audio on 'mute' mode.
  
8. Time slot is given for discussion on project proposal. Accordingly, Project Proponents shall be ready for online connection at least 10 min before their given slot. It is endeavored to complete all projects within the stipulated time given by NIC. Accordingly, Project Proponents are required to cooperate and maintain timings. If any problem faced please contact **Mr. Kamal, Moderator, NIC (Mobile No. 8800225087, Email- [support-ipb@nic.in](mailto:support-ipb@nic.in))**.

**AGENDA OF 19<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE ON THERMAL POWER PROJECTS**

**DATE** : 11<sup>th</sup> January, 2022  
**TIME** : 10:30AM - 05:30PM  
**MODE** : VIDEO-CONFERENCE

Agenda Item No. 19.1	Confirmation of the minutes of 18 <sup>th</sup> EAC meeting.
<b>Consideration of Proposals</b>	
Agenda Item No. 19.2 10:30 AM to 11:30 AM	Expansion of Waste to Energy (WTE) Plant from 15 MW to 25 MW in an area of 12.34ha at Village Bandhwari, Tehsil & District Gurgaon (Haryana) by M/s Gurugram Municipal Corporation – <b>Environment Clearance (EC)</b> – reg.  <b>[Proposal No. IA/WB/THE/248261/2021; F. No. J-13012/08/2020-IA.I (T)]</b>
Agenda Item No. 19.3 11:30 AM to 12:15 PM	Katwa Super Thermal Power Project (2x660 MW) in an area of 884.562 acres at Village Srikhanda, Debakundu and Koshigram, Tehsil Katwa – I, District Bardhaman (West Bengal) by M/s NTPC Limited – <b>Terms of References (TOR)</b> – reg.  <b>[Proposal No. IA/WB/THE/248261/2021; F. No. J-13012/24/2014-IA.I (T)]</b>
Agenda Item No. 19.4 12:15 PM to 12:45 PM	Talcher Super Thermal Power Station Stage-I (2x500 MW) & Stage-II (4x500 MW) on additional 60.24 ha of land at Village & Tehsil Kaniha, District Angul, (Odisha) by M/s NTPC Limited – <b>Amendment in Environment Clearance (EC)</b> – reg.  <b>[Proposal No. IA/OR/THE/246362/2021; F. No. J-13011/14/1994-IA.II (T) Pt.]</b>
Agenda Item No. 19.5 12:45 PM to 01:30 PM	Talcher Thermal Power Project, Stage-III (2x660 MW) in an area of 446 Acres at Village Talcher Thermal, Tehsil Talcher Sadar, District Anugu (Odisha) by M/s NTPC Limited – <b>Amendment in Environment Clearance (EC)</b> – reg.  <b>[Proposal No. IA/OR/THE/246749/2021; F. No. J-13012/31/2009-IA.II (T)]</b>
<b>Lunch Break 01:30PM to 02:30PM</b>	

<p>Agenda Item No. 19.6 02:30 PM to 03:30 PM</p>	<p>Expansion of Captive Power plant of 3000 MW (from 2880 MW to 5880 MW) Projects in area of 15.99 ha located at Reliance Industries Limited (RIL) Jamnagar Manufacturing Division (JMD) at Village Motikhavdi, Tehsil Lalpur, District Jamnagar (Gujarat) by M/s Reliance Industries Limited – <b>Terms of References (TOR)</b> – reg.  <b>[Proposal No. IA/GJ/THE/247793/2021; F. No. J-13012/4/2021-IA.I (T)]</b></p>
<p>Agenda Item No. 19.7 03:30 PM to 04:30 PM</p>	<p>Expansion of 1600 MW (2x800MW) Bandhaura Ultra Super Critical Thermal Power Plant in an area of 920 Acres at Village Bandhaura, Nagwa, Karsualal and Khairahi, District Singrauli, Tehsil Mada, (Madhya Pradesh) by M/s Essar Power (M P) Limited – <b>Terms of References (TOR)</b> – reg.  <b>[Proposal No. IA/MP/THE/247354/2021; F. No. J-13011/56/2006-IA.II (T)]</b></p>
<p>Agenda Item No. 19.8 04:30 PM to 05:30 PM</p>	<p>Rajpura Thermal Power Plant (2x700 MW) in an area of 1278 Acres at Village Nalash, Tehsil Rajpura, District Patiala, Punjab by M/s Nabha Power Limited – <b>Amendment in Environment Clearance (EC)</b> – reg.  <b>[Proposal No. IA/MP/THE/247354/2021; F. No. J-13011/44/2008-IA.II (T)]</b></p>
<p>Agenda Item No. 19.9 05:30 PM onwards</p>	<p>Any other items with the permission of the Chair</p>

## Agenda Form

Agenda No:	Project Proponent Organisation:		
	Consultant Organisation:		
	Subject:		
Attendance Sheet:			
Sl.No.	Name	E-mail & Phone Number	Whether 'Video Conference' access is required or not. (Yes/No)
Project Proponent:			
Name and Phone no. of Coordinator for video-conference:			
1			
2			
3			
4			
Consultants:			
5			
6			

**List & Correspondence addresses of Members of EAC (Thermal Power)**

<b>S. No.</b>	<b>Name &amp; Address</b>	<b>Role</b>	<b>E-mail</b>
1.	<b>Shri Gururaj P. Kundargi</b>	Chairman	<a href="mailto:gpkundargi@gmail.com">gpkundargi@gmail.com</a>
2.	Shri Suramya Dolarray Vora, IFS (Retd.)	Member	<a href="mailto:suramya.vora@gmail.com">suramya.vora@gmail.com</a>
3.	Dr. Narmada Prasad Shukla	Member	<a href="mailto:shuklanp55@gmail.com">shuklanp55@gmail.com</a>
4.	Dr. Santosh Kumar Hampannavar	Member	<a href="mailto:santoshkumar777@yahoo.com">santoshkumar777@yahoo.com</a>
5.	Dr. Umesh Jagannathrao Kahalekar	Member	<a href="mailto:ukahalekar@rediffmail.com">ukahalekar@rediffmail.com</a>
6.	Shri K. B. Biswas	Member	<a href="mailto:biswaskiriti@gmail.com">biswaskiriti@gmail.com</a>
7.	Dr. Nandini N	Member	<a href="mailto:sai.nandinin@gmail.com">sai.nandinin@gmail.com</a>
8.	Dr. Unmesh Patnaik	Member	<a href="mailto:unmesh.patnaik@tiss.edu">unmesh.patnaik@tiss.edu</a>
9.	Shri Prasant Kumar Mohapatra	Member	<a href="mailto:pkmsipat11@gmail.com">pkmsipat11@gmail.com</a>
10.	Dr. Nazimuddin/ Dr. S. K. Paliwal Representative of Central Pollution Control Board	Member	<a href="mailto:Nazim.cpcb@nic.in">Nazim.cpcb@nic.in</a> / <a href="mailto:sanjeevpaliwal.cpcb@nic.in">sanjeevpaliwal.cpcb@nic.in</a>
11.	Shri Mahi Pal Singh, Representative of CEA	Member	<a href="mailto:mpsingh.cea@nic.in">mpsingh.cea@nic.in</a>
12.	Professor S S Rai, Representative of IIT/ISM Dhanbad	Member	<a href="mailto:sheoshankar@iitism.ac.in">sheoshankar@iitism.ac.in</a>
13.	Prof R.K. Giri Representative of IMD	Member	<a href="mailto:rk.giriccs@gmail.com">rk.giriccs@gmail.com</a>
14.	Shri Yogendra Pal Singh Scientist 'E'	Member Secretary	<a href="mailto:yogendra78@nic.in">yogendra78@nic.in</a>

**Basic Information: BASIC INFORMATION TO BE FILLED UP FOREC/EXTENSION OF EC/ AMENDMENT OF EC PROPOSAL:**

<b>Name of Project</b>	Expansion / Green Field (new): (IPP / Merchant / Captive):	
	If expansion, the details of ECs (including amendments and extension of validity) of existing Units etc.	
	If expansion, whether the application is under 7(ii) of the EIA Notification, 2006.	
	If expansion, the date of latest monitoring done by the Regional Office (R.O) of MoEF&CC for compliance of the conditions stipulated in the environmental and CRZ clearances of the previous phases. A certified copy of the latest R.O. monitoring report shall also be submitted.	
	Specific webpage address where all EC related documents (including monitoring and compliance related reports/documents) of the specific project under consideration are/will be available. Also contact details of PP's officer responsible for updating this webpage/information.	
<b>Name of Project Proponent</b>	M/s	
<b>Name of Consultant (s) who prepared the EIA/EMP</b>	M/s Details of accreditation with QCI/NABET	
<b>Sl. No.</b>	<b>Salient Features</b>	
1.	Date of the ToR, extension of validity and amendment, if any.	
2.	Date & place of Public Hearing	
3.	Issues raised during Public Hearing and assurance given along with the financial provisions, if any, by the	(Please attach as an annexure in a tabular form.)

	project proponent.	
4.	If the proposal is for re-consideration, the dates of the earlier EAC meeting (s) and the information/documents sought.	
5.	Location of TPP Village : Taluk : District : State :  Co-ordinates of all four corners:  Average height of (a) TPP site, (b) ash pond site etc above MSL (m)	a) TPP site; b) Ash pond site; c) township etc.
6.	Whether the project is in the Critically Polluted Area (CPA) or within 10 km of CPA. If so, the details thereof:	
7.	Capacity & Unit Configurations:	MW
8.	Land requirement: a) TPP site b) Ash Pond c) Township d) MGR etc. (if expansion state additional land requirement)	Acres / Hectares
9.	Status of Land acquisition:	
10.	Status of the project:  If under construction phase: please specify the reasons for delay, works completed till date and balance works along with expected date of completion.	



	If under operation phase, date of commissioning (COD) of each unit. Whether the plant was under shutdown since commissioning, details and reasons.	
11.	Break-Up of Land-Use of TPP site:	(Acres / Hectares) Forests land (Type and density) : Double Crop agricultural land : Single crop agricultural land : Waste/Barren land : Grazing/Community land : Others (specify) : (Status of land allotment/acquisition)
12.	Fuel to be used:	Coal/Lignite / Gas / Others (Specify)
13.	Quantity of Fuel Required per Annum:	MTPA / MMSCMD (Million Tonne Per Annum)
14.	Coal Linkage / Coal Block: (If Block allotted, status of EC & FC of the Block)	Quantity and details of Linkage available: Name of Block  The method of obtaining remaining coal: (LOA issued on...) Ash content in coal.....(%) Sulphur in coal .....(%) Moisture .....(%) GCV in coal.....Kcal/Kg
15.	Details of mode of transportation of coal from coal source to the plant premises along with distances.	Total distance from the source to Rail: .....km (from ..... To .....) Road: ..... km (from ..... To .....) Pipe/closed/open conveyor: ..... km (from ..... To .....) Sea: ..... km (from ..... To .....)
16.	Fly Ash Disposal System proposed:	High / Medium / Lean concentration slurry.
17.	Ash Pond / Dyke: (Area, Location & Co-ordinates) Average height of area above MSL (m)	(If expansion project state additional area required for ash pond)
18.	Quantity of Fly Ash to be	MTPA

	Generated:	
19.	Quantity of Bottom Ash to be Generated:	MTPA
20.	Fly Ash utilisation percentage with details :	(MoU with Cement/ Brick Manufactures/ Others)
21.	Stack Height (m) & Type of Flue	..... (m) (new or existing) Single/Bi/Tri Flue
22.	Source of Water:	Sea / River / Barrage (Name) (Downstream / Upstream) (HFL of nearest river if located within 10 kms study area)
23.	Quantity of water requirement:	MLD / MCM
24.	Distance of source of water from Plant:	Km / m (from intake point)
25.	Whether barrage/ weir/ intake well/ jack well/ others proposed:	Yes / No (If yes, give details)
26.	Mode of conveyance of water:	Pipeline / canal / others
27.	Status of water linkage:	(Date of allocation obtained)
28.	(If source is Sea water) Desalination Plant Capacity	
29.	Mode / Management of Brine:	Details
30.	Cooling system	Induced/ Natural draft
31.	CRZ Clearance	(Status)
32.	Names & distance of National parks, Wildlife sanctuaries, Biosphere reserves, Heritage sites Rivers, Tanks, Reserve Forests etc. Located within 10 Km from the plant boundary:	

33.	Any litigation/Court case pertaining to the project:	please provide a list with details and status as annexure
32.	Is the proposal under any investigation? If so, details thereof.	
33.	Any violation case pertaining to the project:	please provide a list with details and status as annexure
34.	Cost of the Project (As per EC and revised): Cost of the proposed activity in the amendment:	Rs ..... (Crores)
35.	Employment Potential for entire project/plant and employment potential for the proposed amendment (specify number of persons and quantitative information).	
36.	Benefits of the project (specify quantitative information)	
37.	Any other declaration	
Certified that the above information is true to the best of my knowledge and belief.		

**Date:**

**(SIGNATURE OF AUTHORISED REPRESENTATIVE)**

**Place :**

**NAME & DESIGNATION :**

**Contact Nos. & E-mail :**

**Name of the project  
Addressed detailed  
E-mail/contact No.**

## **Undertaking**

This is to certify that the information provided in Form-.... in physical form and/or in .pdf format (as applicable to the project and remaining be removed) in PARIVESH, to the Ministry/EAC members and PPT presentation during the EAC meeting held on 11.01.2022 have no deviation in respect of the proposal of ToR/EC/EC validity extension/EC amendment for establishing “.....MW Thermal Power Project at village ....., Taluk ....., District....., State.....by M/s. ....

2. It is further certified that there are no data entry errors in the information uploaded in PARIVESH system including names/email-id/mobile numbers/address of the project proponent, authorized person, etc. It is also certified that the supporting documents uploaded on PARIVESH portal are correct and duly authenticated by the Authorized Signatory.

3. In case of any deviation in data found in any of the documents, the Authorized Signatory shall be held responsible and furthermore, the above said project shall be rejected for grant of amendment in EC.

Authorized Signature  
Date