



**Government of India  
Ministry of Environment, Forest and Climate Change  
(Impact Assessment Division)**



**Agenda of Expert Appraisal Committee**

**Meeting ID** : IA/THE/13469/31/03/2023  
**Meeting Venue** : IPB  
**Meeting Type** : Video Conference  
**Agenda Generation Date** : 20-03-2023

The following proposals are being considered for deliberation in the Expert Appraisal Committee as per the schedule given below :

**Meeting Schedule :**

S.No	Meeting date	Time (From)	Time (To)
1	31 Mar 2023	10:30 AM	17:30 PM

**Date of Meeting : 31-03-2023**

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Proposal Type
1	IA/MP/THE/420097/2023	-1	EXPANSION OF BANDHAURA THERMAL POWER PLANT BY ADDING 1600 (2X800) MW CAPACITY TO THE EXISTING 1200 (2X600) MW IN AN AREA OF 920 ACRES AT VILLAGE BANDHAURA, TEHSIL MADA, DISTRICT SINGRAULI, MADHYA PRADESH	ESSAR POWER M P LIMITED	Tehsil: District: State: Madhya Pradesh	EC
2	IA/CG/THE/417474/2023	-1	2x600 MW Coal Based Thermal Power Plant at villages Singhitarai, Benipali, Odekeria & Nimohi, Tehsil Dabhara, District Sakti (erstwhile Janjgir-Champa), Chhattisgarh	ATHENA CHHATTISGARH POWER LIMITED	Tehsil: District: Janjgir - Champa State: Chhattisgarh	TOR
3	IA/WB/THE/420393/2023	-1	Proposed DVC, Raghunathpur Thermal Power Project-PH-II (2x660 MW)	DAMODAR VALLEY CORPORATIO N	Tehsil: District: Purulia State: West Bengal	TOR
4	IA/OR/THE/298432/2023		2X660 MW Coal based Thermal Power Plant at Villages Tentulei, Ghantapada, Jagannathpur, Sana scatland, Bada scatland, Talcher CD Block, in District Angul, Odisha by M/s NSL Nagapatnam Power and Infratech Limited.	NSL NAGAPATNAM POWER AND INFRATECH LTD	Tehsil: Talcher Sadar District: Angul State: Orissa	Amendment EC

**Any Other Item with Permission of Chairman:**

S.No	Proposal No.	File No.	Proposal Name	Company Name	Location	Remarks
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**List of EAC Member :**

<b>S.No</b>	<b>Members Name</b>	<b>Designation</b>	<b>Email_ID</b>
1	Shri Gururaj P. Kundargi	Chairman	gpkundargi@gmail.com
2	Dr. Narmada Prasad Shukla	Member	shuklanp55@gmail.com
3	Dr. Nandini.N	Member	sai.nandinin@gmail.com
4	Shri K. B. Biswas	Member	biswaskiriti@gmail.com
5	Shri Suramya Dolarray Vora	Member	suramya.vora@gmail.com
6	Dr. Umesh Jagannathrao Kahalekar	Member	ukahalekar@rediffmail.com
7	Dr. Santoshkumar Hampannavar	Member	santoshkumar777@yahoo.com
8	Dr. Unmesh Patnaik	Member	unmesh.patnaik@tiss.edu
9	Shri Mahi Pal Singh	Member - Representative of Central Electricity Authority (CEA)	mpsingh.cea@nic.in
10	Dr. Nazimuddin	Member - Representative of CPCB	nazim.cpcb@nic.in
11	Dr. R. K. Giri	Member - Representative of IMD	rk.giriccs@gmail.com
12	Professor Sheo Shanker Rai	Member - Representative of Indian School of Mines	sheoshankar@iitism.ac.in
13	Shri Yogendra Pal Singh	Member Secretary	yogendra78@nic.in

**AGENDA FOR 39<sup>TH</sup> MEETING OF THE RE-CONSTITUTED EXPERT APPRAISAL COMMITTEE (EAC) (THERMAL POWER PROJECTS) TO BE HELD ON 31<sup>ST</sup> MARCH, 2023 DURING 10:30 AM – 05:30 PM 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 28<sup>th</sup> March, 2023. E-mails of all members are given at page No. 5:
  - a) Duly filled in Agenda Form given at page No. 4.
  - b) Basic Information in the Formats given at page Nos. 6-11.
  - 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))/ Dr. Saurabh Upadhyay, Scientist 'C' ([saurabh.upadhyay85@gov.in](mailto:saurabh.upadhyay85@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/ Dr. Saurabh Upadhyay, Scientist 'C') 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 10:00 AM - 10:15 AM on 31.03.2023 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 39<sup>TH</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE ON THERMAL POWER PROJECTS**

**DATE** : 31<sup>ST</sup> MARCH, 2023  
**TIME** : 10:30AM - 05:30PM  
**MODE** : VIDEO-CONFERENCE

Agenda Item No. 39.1	Confirmation of the minutes of 38 <sup>th</sup> EAC meeting.
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**Consideration of Proposals**

Agenda Item No. 39.2  10:30 AM to 12:30 PM	Expansion of Bandhaura Thermal Power Plant by Addition 1600 (2x800) MW Capacity to the existing 1200 (2x600) MW in an area of 920 Acres at Village Bandhaura, Tehsil Mada, District Singrauli, Madhya Pradesh by M/s Mahan Energen Limited – <b>Environmental Clearance (EC)</b> – reg.  [Proposal No. IA/MP/THE/420097/2023; F. No. J-13011/56/2006-IA.II (T)]
Agenda Item No. 39.3  12:30 PM to 01:30 PM	2x600 MW Coal Based Thermal Power Plant in area of 400.77 ha at villages Singhitarai, Benipali, Odekeria & Nimohi, Tehsil Dabhara, District Sakti (erstwhile Janjgir-Champa), Chhattisgarh by M/s Athena Chhattisgarh Power Limited- <b>Terms of Reference (TOR)</b> – reg.  [Proposal No. IA/CG/THE/417474/2023; F. No. J-13012/07/2009-IA.II (T)]
<b>Lunch Break (01:30 PM to 02:30 PM)</b>	
Agenda Item No. 39.4  02:30 PM to 03:30 PM	Raghunathpur Thermal Power Station (RTPS) Ph-II for installation of 1320 (2x660) MW in an area of 341.81 ha (existing) at village Raghunathpur, District Purulia (West Bengal) by M/s Damodar Valley Corporation - <b>Terms of Reference (TOR)</b> – reg.  [Proposal No. IA/WB/THE/420393/2023; F. No. J-13011/22/2007-IA.II (T)]
Agenda Item No. 39.5  03:30 AM to 04:30 PM	2x660 MW Coal based Thermal Power Plant in an area of 788.25 acres at Villages Tentulei, Ghantapada, Jagannathpur, Sana scatland, Bada scatland, Talcher CD Block, in District Angul (Odisha) by M/s NSL Nagapatnam Power and Infratech Limited - <b>Extension of Validity of Environmental Clearance</b> – reg.  [Proposal No. IA/OR/THE/298432/2023; F. No. J-13012/25/2007-IA.II (T)]
Agenda Item No. 39.6  04:30 PM onwards	Any other items with the permission of the Chair

## 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.	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>
10.	Shri Mahi Pal Singh, Representative of CEA	Member	<a href="mailto:mpsingh.cea@nic.in">mpsingh.cea@nic.in</a>
11.	Professor S S Rai, Representative of IIT/ISM Dhanbad	Member	<a href="mailto:sheoshankar@iitism.ac.in">sheoshankar@iitism.ac.in</a>
12.	Prof R.K. Giri Representative of IMD	Member	<a href="mailto:rk.giriccs@gmail.com">rk.giriccs@gmail.com</a>
13.	Shri Yogendra Pal Singh Scientist 'E'	Member Secretary	<a href="mailto:yogendra78@nic.in">yogendra78@nic.in</a>

**Details for EC/Extension of EC/ Amendment of EC Proposal**

**(To be submitted in word format):**

**1. EAC Meeting Details:**

EAC meeting/s	
Date of Meeting/s	
Date of earlier EAC meetings	

**2. Project details:**

Name of the Proposal	
Proposal No.	
Location	
Company's Name	
Accredited Consultant and certificate no.	
Inter- state issue involved	
Seismic zone	

**3. Category details:**

Category of the project	
Capacity	
Attracts the General Conditions (Yes/No)	
Additional information (if any)	

**4. Project Details:**

If expansion, the details of ECs (including amendments and extension of validity) of existing Units etc.	
Amendments granted, if Yes details	
Expansion / Green Field (new): (IPP / Merchant / Captive):	



<p>If expansion, the date of latest monitoring done by the Regional Office (R.O) of MoEF&amp;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.</p>	
<p>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.</p>	
<p>Co-ordinates of all four corners OF TPP Site:</p>	
<p>Average height of:  (a) TPP site,  (b) ash pond site etc. above MSL</p>	
<p>Whether the project is in the Critically Polluted Area (CPA) or within 10 km of CPA. If so, the details thereof:</p>	
<p>CRZ Clearance</p>	
<p>Cost of the Project (As per EC and revised):   Cost of the proposed activity in the amendment:</p>	
<p>Employment Potential for entire project/plant and employment potential for the proposed amendment (specify number of persons and quantitative information).</p>	
<p>Benefits of the project (specify quantitative information)</p>	

**5. Electricity generation capacity:**

Capacity & Unit Configurations:	
Generation of Electricity Annually	

**6. Details of fuel and Ash disposal**

Fuel to be used:	
Quantity of Fuel required per Annum:	
Coal Linkage / Coal Block: (If Block allotted, status of EC & FC of the Block)	
Details of mode of transportation of coal from coal source to the plant premises along with distances	
Fly Ash Disposal System Proposed	
Ash Pond/ Dyke (Area, Location & Co-ordinates) Average height of area above MSL (m)	
Quantity of a. Fly Ash to be generated b. Bottom Ash to be generated:	
Fly Ash utilization (details)	
Stack Height (m) & Type of Flue	

**7. Water Requirement:**

Source of Water:	
Quantity of water requirement:	
Distance of source of water from Plant:	
Whether barrage/ weir/ intake well/ jack well/ others proposed:	

Mode of conveyance of water:	
Status of water linkage:	
(If source is Sea water) Desalination Plant Capacity	
Mode / Management of Brine:	
Cooling system	

**8. Land Area Breakup:**

<p>Land Requirement:</p> <p>a) TPP Site</p> <p>b) Ash Pond</p> <p>c) Township</p> <p>d) Railway Siding &amp; Others</p> <p>e) Raw Water Reservoir</p> <p>f) Green Belt</p> <p>g) others</p> <p>Total (if expansion state additional land requirement)</p>	
Status of Land Acquisition:	
<p>Status of the project:</p> <p>If under construction phase: please specify the reasons for delay, works completed till date and balance works along with expected date of completion.</p> <p>If under operation phase, date of commissioning (COD) of each unit. Whether the plant was under shutdown since commissioning, details and reasons.</p>	
Break-Up of land-use of TPP site:	

a. Total land required for project components b. Private land c. Government land d. Forest Land	
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**9. Presence of Environmentally Sensitive areas in the study area**

<b>Forest Land/ Protected Area/ Environmental Sensitivity Zone</b>	<b>Yes/No</b>	<b>Details of Certificate/letter/Remarks</b>
Reserve Forest/Protected Forest Land		
National Park		
Wildlife Sanctuary		
Archaeological sites monuments/historical temples etc		
Names & distance of National parks, Wildlife sanctuaries, Biosphere reserves, Heritage sites Rivers, Tanks, Reserve Forests etc. Located within 10 Km from the plant boundary:		
Additional information (if any)		

**Availability of Schedule-I species in study area**

**10. Court case details:**

Any litigation/ Court Case pertaining to the project	
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Is the proposal under any investigation? If so, details thereof.	
Any violation case pertaining to the project:	
Additional information (if any)	

**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 31.03.2023 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