

AGENDA OF 31st MEETING OF THE RE-CONSTITUTED EXPERT APPRAISAL COMMITTEE ON THERMAL POWER PROJECTS

DATE : 25th July, 2019

TIME : 10.30 A.M. ONWARDS

VENUE : INDUS MEETING HALL, GROUND FLOOR, JAL WING, IPB, JORBAGH ROAD, NEW DELHI-110003.

ITEM	
Item No. 30.0	CONFIRMATION OF MINUTES OF 29th EAC (THERMAL) MEETING
Item No.	CONSIDERATION OF PROJECTS
31.1	1x660 MW Supercritical Thermal Power Plant existing Amarkantak Thermal Power Station (Phase-I&II: 290 MW), Village Chachai, Anuppur District, Madhya Pradesh by M/s MP Power Generating Company Ltd.- reg. re-consideration of ToR. (NABET accredited consultants also to be engaged at this stage) F.No. J-13012/07/2019-IA. I(T) & Proposal no. IA/MP/THE/94619/2019.
31.2	4x270 MW (1080 MW) Coal based Bhadradri Thermal Power Station (BTPS) at Villages Ramanujavaram, Eddulabayyaram & Seetharampuram, Mandals Manuguru & Pinapaka, District Bhadradri Kothagudem (Erstwhile Khammam dist.), Telangana by M/s Telangana State Power Generation Corporation (TSGENCO) Ltd. – reg. permission for coal transportation by road. F.No. J-13012/02/2015-IA.I (T) & Proposal no. IA/TG/THE/105598/2019.
31.3	1080 MW Expansion Lignite based Thermal Power Plants at Village-Bhadresh, District-Barmer, Rajasthan by M/s JSW Energy (Barmer) Ltd.- reg. ToR. (NABET accredited consultants also to be engaged at this stage) F.No. J-13011/58/2006-IA.II(T) & Proposal no. IA/RJ/THE/110058/2019.
31.4	2x300 MW (Phase-I) Coal Based Thermal Power Plant at Villages Ghanmukh (Bijora), Tehsil Mahagaon, Yavatmal District, Maharashtra by M/s Jinbhuvish Power Generations Pvt Ltd.- reg. extension of validity of EC. F.No.J-13012/158/2010-IA.II (T) & Proposal no. IA/MH/THE/108493/2019.
31.5	Disposal of fly ash generated from Talcher Super Thermal Power Station (Stage-I:2x500 MW & Stage-II: 4x500 MW) into abandoned mine voids of Jagannath OPC of Mahanadi Coalfields Limited in Talcher, Dist. Angul, Odisha by M/s NTPC Limited- reg. permission for disposal of ash in to abandoned mines. F.No.J-13011/14/94-IA.II (T) pt & Proposal no.IA/OR/THE/109654/2019.
31.6	2x800 MW (Stage-I) Gadarwara Super Thermal Power Project near Villages Gangai, Umaraiya, Mehrakheda, Chorbarheta, Dongergaon and Kudari, Gadarwara Tehsil, Narsinghpur District, Madhya Pradesh by M/s NTPC Ltd.- reg. permission for road transportation. F.No. J-13012/125/2009-IA.II(T) & Proposal no. IA/MP/THE/109345/2019.
31.7	Expansion from 2x600 MW to 2000 MW (2x600 + 1x800 MW) of Coal based Singareni Thermal Power Plant at Pegadapalli Village, Jaipur Mandal, Mancherial District in Telangana by M/s Singareni Collieries Company Ltd.-reg. re-consideration of Environment Clearance. F.No. J-13015/08/2015-IA.I (T) & Online no. IA/TG/THE/27094/2015.
31.8	ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR.

Note: If project documents are not submitted to Committee Members on time along with brief summary/basic information as per pro-forma, it will be the Committee's discretion to consider the project. Project proponents shall bring shape file (.kml file) containing project boundaries & facilities and shall be saved on computer in the meeting hall. Project Proponents are required to bring hard copy (A0/A1 size) and soft copy (pdf) of a map showing project facilities superimposed on Survey of India Toposheet. Proponents shall submit the attendance form duly filled to the Member Secretary before starting the presentation.

**BASIC INFORMATION TO BE FILLED UP FOR EC/EXTENSION OF EC/
AMENDMENT OF EC PROPOSAL:**

Name of Project	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.	
Name of Project Proponent	M/s	
Name of Consultant (s) who prepared the EIA/EMP	M/s Details of accreditation with QCI/NABET	
Sl. No.	Salient Features	
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	(Please attach as an annexure in a tabular form.)

	provisions, if any, by the project proponent.	
4.	If the proposal is for re-consideration, the dates of the earlier EAC meeting (s) and the information/documents sought	
5.	<p>Location of TPP Village : Taluk : District : State :</p> <p>Co-ordinates of all four corners: Average height of (a) TPP site, (b) ash pond site etc above MSL (m)</p>	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.	<p>Land requirement: a) TPP site b) Ash Pond c) Township d) MGR etc. (if expansion state additional land requirement)</p>	Acres / Hectares
9.	Status of Land acquisition:	
10.	<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>	

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 Generated:	MTPA
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:

**BASIC INFORMATION TO BE FILLED UP FOR TOR/ EXTENSION OF TOR/
AMENDMENT OF TOR PROPOSAL:**

Name of Project:	Expansion / Green Field (new) : (IPP / Merchant/Captive) :	
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	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.	
Name of Project Proponent	M/s	
Name of Consultant	M/s Details of accreditation with QCI/NABET	
Sl. No.	Salient Features	
1.	If the proposal is for re-consideration, the dates of the earlier EAC meeting (s).	
2.	Location of TPP Village Taluk District State Co-ordinates of all four corners	
3.	Whether the project is in the Critically Polluted Area (CPA) or within 10 km of CPA. If so, the details thereof:	
4.	Capacity & Unit Configurations:	MW
5.	Land requirement:	Acres / Hectares

6.	Break-Up of Land-Use of TPP site:	(Acres / Hectares) Forests land (Type and density) : Double Crop agricultural land : Single crop agricultural land : Waste land : Grazing land : Others (specify) : (Status of land allotment/acquisition)
7.	Area reqd. for ash pond/dyke	(if expansion state additional area reqd.)
8.	Fuel to be used:	Coal/Gas / Others (specify)
9.	Quantity of Fuel Required per Annum:	MTPA / MMSCMD
10.	Source of Fuel (Domestic /Imported)	% of Blending of coal (Domestic: Imported)
11.	Source of Water:	Sea / River / Barrage (Name) (Downstream / Upstream)
12.	Quantity of water requirement:	MLD / MCM
13.	Distance of source of water from Plant:	Km / m (from intake point)
14.	Whether intake well / jack well / others proposed:	Yes / No (If yes, details)
15.	Mode of conveyance of water:	Pipeline / canal / others
16.	Names & distance of National Parks, Wildlife Sanctuaries, Biosphere Reserves, Heritage sites, Mangroves, Reserve Forests, Tanks etc. within 10 Km from the plant boundary:	
17.	No. of probable Project Affected Persons(Homestead oustees)(Land oustees)
18.	Any litigation/Court case pertaining to the project:	please provide a list with details and status as annexure
19.	Is the proposal under any investigation? If so, details thereof.	

20.	Any violation case pertaining to the project:	please provide a list with details and status as annexure
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:

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

Name & Address	Role	Type of documents to be submitted
<p>1. Dr. Navin Chandra Former Director, CSIR-Advanced Materials and Processes Research Institute (AMPRI), House No.246, Sector 9-B, Saket Nagr, Bhopal-462024. E-mail: navinchandrarrl@yahoo.com</p>	Chairman	Both Soft and Hard copies
<p>2. Dr. Narmada Prasad Shukla Former Chairman Madhya Pradesh Pollution Control Board, H-44-B, Apsara Complex, Indrapuri, A-Sector Bhopal- 462021. E-mail: Shuklanp55@gmail.com Shuklanp55@yahoo.co.in</p>	Member	Both Soft and Hard copies
<p>3. Shri N. Mohan Karnat IFSC Chief Conservator of Forest Institute of wood Science and Technology, 18th Cross, Malleshwaram, Bangalore-560003 E-mail: nmkarnat@icfre.org mohankarnat@yahoo.com</p>	Member	Both Soft and Hard copies
<p>4. Dr. Sharachchandra Lele Senior Fellow, Programme Leader (Forests & Governance), Convenor (Centre for Environment & Development) Ashoka Trust for Research in Ecology and the Environment, (AITREE), Royal Enclave, Srirampura, Jakkur P.O., Bangalore-560064. E-mail: slele@atree.org</p>	Member	Only Soft copies in the CD/ e-mail.
<p>5. Shri N. S. Mondal Representative of CEA Chief Engineer (Thermal Projects Planning Development Division), Central Electricity Authority (CEA), Room-206, 2nd Floor, North Wing, Sewa Bhawan, R.K.Puram, Sector-1, New Delhi -110066 nsmondalcea@yahoo.com & nsmondal@nic.in</p>	Member	Both Soft and Hard copies

<p>6. Dr. R. K. Giri Representative of Director General- IMD Indian Meteorological Department, O/o DGM, Room No.607, Mausam Bhawan, Lodi Road, New Delhi-110003. rk.giriccs@gmail.com</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>
<p>7. Dr. S.K. Paliwal Scientist 'D' Representative of Central Pollution Control Board Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032. Sanjeevpaliwal.cpcb@nic.in</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>
<p>8. Professor Sunil Kumar Gupta, HOD-Environment Department, Indian Institute of Technology (Indian School of Mines) Dhanbad Sardar Patel Nagar, Dhanbad- 826004. hod_ese@iitism.ac.in skgsunil@gmail.com sunil@iitism.ac.in</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>
<p>9. Dr. Jai Krishna Pandey Sr. Principal Scientist & Head of Miner's Health and Safety. CSIR-Central Institute of Mining and Fuel Research, Technological Block (Room No.TG- 8), Barwa Road, Dhanbad-826015, Jharkhand. jaikrishnapandey@gmail.com jkpandey@cimfr.nic.in</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>
<p>10. Dr. Manjari Srivastava Professor, School of Business Management, NMIMS (Deemed to be University), V. L. Mehta Road, Vile Parle, West Mumbai, Maharashtra, India Pin Code - 400056. Manjari.Srivastava@sbm.nmims.edu</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>
<p>11. Shri Gururaj P. Kundargi Ex. CMD-MOIL Ltd. Plot No.32, MOIL Vatika, Chicholi Road, Fetri, Nagpur-441501. gpkundargi@gmail.com</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>

<p>12. Shri Suramya Dolarray Vora, IFS (Retd.) Executive Director -Gujarat Science City Plot No.725/B, Sector- 8C, Gandhinagar, Gujarat-382007. Sd_vora@yahoo.com Suramya.vora@gmail.com</p>	<p>Member</p>	<p>Both Soft and Hard copies</p>
<p>13. Dr. S. Kerketta Director (IA.1 Division) Ministry of Environment, Forest & Climate Change Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj New Delhi-110003 E- mail: s.kerketta66@gov.in</p>	<p>Member Secretary</p>	<p>Both Soft and Hard copies</p>
