

MINUTES OF THE 25TH MEETING OF THE EXPERT APPRAISAL COMMITTEE FOR RIVER VALLEY AND HYDROELECTRIC PROJECTS HELD ON 14TH MARCH, 2022, FROM 02:30 PM – 05:30 PM THROUGH VIDEO CONFERENCE.

The 25th meeting of the re-constituted EAC for River Valley & Hydroelectric Projects organized by the Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi, was held on 14th March, 2022 through video conference, under the Chairmanship of Dr. K. Gopakumar. The list of Members present in the meeting is at **Annexure**.

Agenda Item No. 25.1

Confirmation of the minutes of 24th EAC meeting

The minutes of the 24th EAC (River Valley Hydroelectric Project) meeting held on 22nd February, 2021 were confirmed.

Agenda Item No. 25.2:

Lower Orr Dam project under Ken-Betwa Link Project Phase II (90000 CCA) in an area of 3007.2 ha at Village Didoni, Tehsil Chanderi, District Ashoknagar, Madhya Pradesh by M/s National Water Development Agency – Reconsideration of Environmental Clearance – reg.

[Proposal No. IA/AR/RIV/255619/2021; F. No. J-12011/31/2011-IA. I]

25.2.1 The PP made a presentation and informed that:

1. Due to unavoidable circumstances the consultant WAPCOS could not attend the meeting.
2. The PP submitted the proposal (IA/MP/RIV/40729/2013) for grant of Environmental Clearance to Lower Orr Dam project under Ken-Betwa Link Project Phase II (90000 CCA) in an area of 3007.2 ha at Village Didoni, Tehsil Chanderi, District Ashoknagar, Madhya Pradesh by M/s National Water Development Agency. EAC in its 93rd meeting held on 2nd May, 2016 has recommended the for grant of Environmental clearance subject to the submission of Stage- I forest clearance of proposed project. The recommendation of the EAC were communicated to PP vide Ministry's letter dated 29th July, 2016.
3. PP submitted the Stage-I Forest Clearance (issued by the MoEF&CC on 12th February, 2019) after almost 31 months (*submitted on PARIVESH on 16th October, 2020*). Accordingly, the proposal was again referred to EAC in terms of the provisions of the MoEF&CC O.M. dated 19th June, 2014. The EAC considered the proposal in its 3rd meeting held on 29th October, 2020 and project was deferred seeking additional information from Project Proponent (PP) on following points:
 1. One season fresh base line data shall be collected for all the environmental attributes. Sampling location should not be less than six. Anticipated environmental impacts shall be studied using fresh baseline data.
 2. Updated EIA/EMP report in Generic Structure (Appendix III & IIIA) given in the EIA Notification, 2006 shall be submitted.
 3. Details of the commitment made by the Project Proponent to address the concerns raised during Public Hearing.

4. Details of Wildlife Sanctuary/National Park/ Eco Sensitive area, if any, within the study area shall be submitted.
5. Details of Schedule I species, if any, in the study area shall be submitted. Conservation plan for Schedule I species shall be prepared and submitted for approval of CWLW.
6. Details of land acquisition along with status of R&R.
7. Form 2 shall be filled and submitted online

Accordingly, PP submitted the reply through a fresh proposal no. IA/AR/RIV/255619/2021 submitted on PARIVESH on 17th February, 2022

25.2.2: The EAC during deliberations noted the following:

The EAC in the present meeting (25th meeting) deliberated on the additional information submitted by PP and noted that points raised by the EAC in the earlier meetings have not been responded in a proper manner. No comparison of baseline data collected during one season study with data collected in earlier study has been provided. The committee felt that it is difficult to identify the significant changes in the baseline ecological parameters without having comparative information in this regard. The PP could not answer the observations of the EAC regarding location and numbers of sampling points during the presentation.

25.2.3 The EAC after detailed deliberation on the information submitted and as presented during the meeting expressed the opinion that following are the deficiencies which required for further consideration of the project. It was desired that PP may submit the below mentioned information:

- i. *Point wise reply to desired information sought by the EAC in its 3rd meeting held on 29th October, 2020.*
- ii. *Comparison chart showing significant changes observed during recently collected one season baseline data with 3 seasons baseline data that was previously collected. Trends may be correlated with possible environmental concerns after implementation of the project.*
- iii. *Comparison table showing changes done in earlier EIA and revised EIA in terms of project components and its description.*

The proposal was **deferred** on the above lines.

Agenda Item No. 25.3:

Phata byung HEP (76MW) in an area of 22.72 ha at Village Byung, Tehsil & District Rudraprayag, Uttarakhand by M/s Lanco Mandakini Hydro Energy Private Limited - Extension of Validity of Environmental Clearance – reg. [Proposal No. IA/UK/RIV/256953/2022; F. No. J-12011/64/2007-IA. I]

25.3.1: The proposal is for grant of extension of validity of Environmental Clearance (EC) to Phata Byung HEP (76MW) in an area of 22.72 ha at village Byung, Tehsil & District Rudraprayag, Uttarakhand by M/s Lanco Mandakini Hydro Energy Private Limited.

25.3.2: The details of the project submitted by project proponent and as informed during presentation are mentioned below:

- i. Lanco Mandakini Hydro Energy Private Limited (LMHEPL) is developing 76 MW Phata Byung Hydro Electric Project on Mandakini River in Rudraprayag district of Uttarakhand.
- ii. The MoEF&CC had accorded the Environment Clearance (EC) on 18th February, 2008 with validity of 10 years as per provisions of EIA notification 2006 and as amended. Subsequently, the MoEF&CC on 20th March, 2018 granted the EC validity extension for 3 years up to 17th February, 2021. In view of the MoEF&CC notification dated 18th January, 2021 regarding calculation of validity period during COVID-19 pandemic, the validity of the EC was till 17th February, 2022.
- iii. However, LMHEPL was unable to achieve project completion till the validity period of EC i.e., 17th February, 2022 due to various factors including:
 - a. Devastating flash flood in Mandakini River on 16th and 17th June, 2013.
 - b. Admission to NCLT of EPC Contractor viz. M/s LITL in Aug 2017 and subsequently, under Liquidation proceeding as per Liquidation order in August 2018
 - c. Change of Management process in LMHEPL (outside NCLT) initiated by Lenders in Mar 2018
 - d. Initiation of the Corporate Insolvency Resolution process (“CIR Process”) since 11th June 2020 by the Hon’ble NCLT to effect change of ownership for the revival and completion of the Project.
 - e. Nation and state wide lockdowns since March 2020 and impact of Covid-19 pandemic
- iv. Accordingly, in terms of the relevant Para no. 9 of EIA Notification of MoEF&CC dated 14th September 2006, the EC Validity of the project is eligible for extension of 5 years.
- v. The EIA Notification dated 14th September 2006 is applicable to Phata Byung HEP and any subsequent amendment to the Notification dated 14th September 2006 should not be applicable in case of Phata Byung HEP as the EC was accorded to Phata Byung HEP in February 2008. As per our understanding, any Government Gazette/ Notification is not applicable with retrospective effect unless specifically and explicitly stated.
- vi. Accordingly, LMHEPL vide its request letter dated 4th December 2017 applied for Extension of EC Validity by a period of 5 Years. However, the MoEF&CC, vide its letter 20th March 2018 had extended the EC Validity only for 3 years and the period of 2 years of EC Validity Extension remained unavailed as per the provisions of EIA Notification dated 14th September 2006.
- vii. LMHEPL is currently undergoing the Corporate Insolvency Resolution process (CIR) in accordance with the extant provisions of IBC pursuant to the order of the Hon’ble NCLT w.e.f. 11th June, 2020.
- viii. Presently, LMHEPL is undergoing CIR (Corporate Insolvency Resolution) process. On 25th February, 2022, pursuant to the casting of votes by the members of the Committee of Creditors (CoC), the CoC had approved the Resolution Plan submitted by Statkraft IH Holding AS as “Successful Resolution Plan” by a majority of 100%. The RP has filed for approval of the Resolution Plan Application before the Hon’ble NCLT. However, the current process will be concluded with the final order from the Hon’ble NCLT, which may still take a few months.
- ix. During the period of CIRP when the process for change of Ownership and Management is underway as per IBC, the project progress is usually at a standstill and expected to be

completed only after the completion of this CIRP, resulting into the successful Resolution Applicant taking over the Project Company. This aspect of project being at a standstill during CIRP under IBC has been dully considered in the current draft EC notification.

- x. Draft EIA Notification was released by the MoEF&CC in March 2020, wherein a draft clause has been proposed, which seeks to exclude the CIRP period while calculating the validity of the EC. The draft clause is reproduced below for your reference:

“Provided that the period of insolvency resolution process of companies before the National Company Law Tribunal or period of prohibition or restriction on the construction and/or installation of the project, by any other tribunal or court or moratorium imposed under any authority shall be excluded for calculating the period of validity of the prior-EC or prior-EP, as the case may be, specified above, subject to maximum of three years.”

- xi. It is evident from the draft EC Notification that the MoEF&CC has taken cognizance of the practical difficulties faced by companies under insolvency and the prospective RAs and therefore has contemplated the exclusion of the CIRP period up to 3 years while calculating the validity of the EC. The proposed changes were intended to enable these stressed assets to complete the Project.
- xii. In view of the above, the Period of CIRP starting from 11th June 2020 up to maximum period of 3 years should be excluded from calculation of the period of Validity/Extension of EC.
- xiii. Despite the difficulties faced at large, the project has achieved **~74% completion** status. The project, being renewable energy project, is of national importance and is deserves to be completed.
- xiv. The total expenditure incurred on Environment Management Plan are mentioned below:

S.N.	Expenditure Head	Budgeted	Total incurred
1	Biodiversity Conservation Management Plan	225.5	939.71
2	Action Plan for Catchment Area Treatment	714.19	
3	Fisheries Management	81	-
4	Public Health Delivery System	211.64	233.42
5	Solid Waste Management	89.06	5.53
6	Energy Conservation Measures	16.1	-
7	Dumping Sites and Muck Disposal Plan	206.48	60.15
8	Landscaping and Restoration of Construction Areas	88.91	2.5
10	Resettlement and Rehabilitation Plan	318.5	429.77
11	Environmental Monitoring Programme	75	44.04
	TOTAL	2026.38	1715.12

25.3.3: The EAC during deliberations noted the following:

The EAC in the present meeting (25th meeting) deliberated on the information submitted and noted that Environment Clearance (EC) was granted on 18th February, 2008 to Phata byung HEP (76MW) in an area of 22.72 ha at Village Byung, Tehsil & District Rudraprayag, Uttarakhand by M/s Lanco

Mandakini Hydro Energy Private Limited. Subsequently, the MoEF&CC on 20th March, 2018 granted the EC validity extension for 3 years up to 17th February, 2021. In view of the MoEF&CC notification dated 18th January, 2021 the validity of the EC was till 17th February, 2022.

The EAC also noted that as per the provisions on EIA Notification, 2006 as amended the validity of Environmental Clearance granted to River valley and Hydro-electric projects is 10 years for completion of the project in all respect. The validity may be further extended for maximum period of three years subject to submission of application in this regard within validity of existing Environmental Clearance and recommendation of the EAC. In the present case the project proponent has availed complete period of validity as provided in the EIA Notification, 2006 as amended.

25.3.4 The EAC after detailed deliberation on the information submitted and as presented during the meeting opined that the request made by the project proponent is not in line with the provisions of the EIA Notification, 2006 as amended; accordingly, the same cannot be accepted. However, the PP in the given circumstances may apply for obtaining fresh Environmental Clearance under the provisions of the EIA Notification, 2006 as amended.

*The proposal was **returned** on above lines.*

Agenda Item No. 25.4:

Conventional barrage across the River Tapi in an area of 36.03 ha. at Tehsil - Surat City, District - Surat, Gujarat by M/s Surat Municipal Corporation – Terms of Reference (TOR) – reg.

[Proposal No. IA/GJ/RIV/260681/2022; F. No. J-12011/04/2022-IA. I (R)]

25.4.1: The proposal is for grant of Terms of Reference (ToR) to Conventional barrage across the River Tapi in an area of 36.03 ha. at Tehsil - Surat City, District - Surat, Gujarat by M/s Surat Municipal Corporation.

25.4.2: The details of the project submitted by project proponent and ascertained from the document submitted are mentioned below:

- i. M/s Surat Municipal Corporation (SMC) proposes to construct Conventional Barrage across River Tapi Between Rundh and Bhatha, Taluka Surat City, District Surat, Gujarat.
- ii. Project Proponent had constructed a low height weir across river Tapi at Singapore in the year 1995, 30 km upstream of the confluence with the sea having storage capacity of about 31.01 MCM (Million Cubic Meter). The project was undertaken to supplement water supply to the Surat city as well as to various industries situated along the right bank of river Tapi in Hazira area.
- iii. The proposed project is not an irrigation project; it is proposed only for domestic/drinking water purpose.
- iv. River Tapi is the only source of drinking water at present for Surat City. Due to impounding of the reservoir the SMC has constructed various water works at Sarthana, Katargam and Jahangirpura. The reservoir has also caused continuous ground water recharging of Surat city area as well as reduction in salinity ingress.

v. The top level of the weir is at El 6.00 m which is higher than the high tide level 5.5 m. The length of the weir is 580 m with ungated weir length 486.5 m and scouring sluice length 93.5 m. Crest width is 10 m and FRL at El 5.0 m.

vi. Benefits of the project:

- To create fresh water storage reservoir of capacity 19.172 MCM at FRL 5.00 m to meet the water supply demand for the Surat city.
- Reduce risk of erosion and flooding in flood prone neighborhoods.
- To provide the new road corridor across the river for improving traffic solution and urban mobility between Dumas road and Ichapore.
- To interlink the city network with areas across river.
- To improve environment and aesthetic condition of the city.
- Recreational activity water sports for Surat city.
- Reduction in salinity ingress:
 - a. Tapi River brings the saline tidal back flows in Surat city during high/ low tides all the way up to the Singapore weir.
 - b. Hence, ground water in Surat city area like Adajan, Athwa lines, Nanpura, Piplod, Bhata, Umra etc. have turned excessively brakish due to increase salinity ingress of sea water.
 - c. Due to decrease in flow capacity of the river Tapi, overflows occur frequently at Adajan, Pal and Bhatha whenever flood peak exceeds 3.5 lakh cusec.
 - d. During over flow of weir excess water from weir is wasted into sea in monsoon every year. In the year 2019, 2020 and 2021 overflow was observed on the weir for 123 days, 80 days and 66 days respectively.
 - e. To utilize this water and create additional storage capacity of reservoir about 10 km downstream of weir cum causeway the SMC had proposed this project.

vii. Project location: The Location of Barrage has been finalized at Cross Section L-30 R-30, with abutments on both sides joining the available roads, near village Piplod on left side and Village Bhatha on Right Bank side. The proposed axis shall connect the 60 m wide road on left bank at Surat Dumas road.

viii. Salient features of the proposed project:

No.	Item	Provision in Proposed Conventional Barrage
1	Design Discharge	13.095 Lac Cusecs, 37081 Cumecs
2	Maximum Water level (MWL)	RL 5 m in Upstream
3	Full Reservoir level (FRL)	RL 5 m in Upstream
4	Gross Water Storage Capacity (MCM) at FRL 5.0 M	19.17
5	Crest Level	-1.5 m
6.	Width of Span	15 m
7	Width of piers& length	Width of Pier 2.5 m & length of pier 55 m
8	Centre to centre distance between gate	17.5 m 15 mt in to in width of the gate + 2.5 mt pier width = 17.5 m
9	No. of Span	68 8 (Battery) x 8 Span + 1 (Battery) x 4 Span

10	No. of piers	67
11	Total Length of Barrage (Total Length of Span)	1212.5 m (68 spans x 15 m) + (67 piers x 2.5 m) + (8 Divide walls x 2.5 m) + 5m = 1212.5 m
12	Total width of Barrage in plan	187.7 m (24.8 m Rubble Apron U/s) + (24.8 m CC Block U/s) + (55 m main barrage Section) + (49.6 m CC Block D/s) + (33.5 m Rubble Apron D/s) = 187.7 m
13	Soffit of Bridge on Barrage	EL.12.75 m
14	Width of Carriage way	33.50 m
15	Bottom RL of U/s Cut off	-6.44 m
16.	Bottom RL of D/s Cut off	-10.30 m
17.	Length of Concrete Block U/s	24.80 m
18	Length of Concrete Block D/s	49.60 m
19	Length of Stone Pitching U/s	24.80 m
20	Length of Stone Pitching D/s	33.50

- ix. The total cost for the project would be around INR 706.67 Crore.
- x. **Water Requirement:** Total quantity of water required during construction is estimated as 400 KLD (380 KLD for construction and 20 KLD for drinking/domestic) which will be supplied by Surat Municipal Corporation.
- xi. There is no National Parks, Sanctuaries and Tiger Reserves notified by the MoEF&CC within 10 km of proposed project site. There is no Eco-Sensitive Zone (ESZ) or Eco-Sensitive Area (ESA) notified by the MoEF&CC within 10 km of proposed project site. The project is located in CRZ Area.
- xii. PP submitted the proposal no. IA/GJ/RIV/260681/2022 for grant of ToR/ clarification about the applicability of EIA Notification 2006 and its subsequent amendment.

25.4.3 The EAC observed that the instant proposal is for construction of conventional barrage across the River Tapi in an area of 36.03 ha. between Rundh and Bhatha localities in Tehsil Surat City, District - Surat, Gujarat by M/s Surat Municipal Corporation. The project was undertaken to supplement water supply to the Surat city as well as to various industries situated along the right bank of river Tapi in Hazira area. This committee is mandated to consider the River valley projects having components of electricity generation and/or irrigation facility under the schedule 1(c) of the EIA Notification 2006, as amended. As per project details available for the instant proposal there is no mention of electricity generation and/or irrigation component. So, the proposal is not attracting the provisions mentioned under schedule 1(c) of the EIA Notification 2006, as amended. However, other prevailing rules and regulations shall be complied with.

The project returned on above lines.

Agenda Item No. 25.5:

Kurha Vadhoda Islampur Lift Irrigation Scheme UPSA Sinchan Yojna with CCA 32372 Ha at Village Rigaon, Tehsil-Muktainagar District. Jalgaon, Maharashtra by M/s Tapi Irrigation Development Corporation, Jalgaon – Terms of Reference (TOR) – reg.

[Proposal No. IA/MH/RIV/255427/2022; F. No. J-12011/05/2021-IA. I(R)]

25.5.1 The proposal is for grant of Terms of Reference (ToR) to Kurha Vadhoda Islampur Lift Irrigation Scheme UPSA Sinchan Yojna with CCA 32372 Ha located at Village Rigaon, Tehsil Muktainagar, District. Jalgaon, Maharashtra by M/s Tapi Irrigation Development Corporation.

25.5.2 The details of the project submitted by project proponent and ascertained from the document submitted are mentioned below:

- i. Kurha Vadhoda Islampur lift Irrigation Scheme is in jurisdiction of Tapi Irrigation Development Corporation, Jalgaon. The project is located near Village Rigaon, Taluka Muktainagar, District Jalgaon.
- ii. The scheme envisages lifting of flood water in rainy season from Purna river by constructing Intake channel, Intake structure, Jack well overhead Pump house near village Rigaon Taluka Muktainagar, District- Jalgaon and a dam near village Islampur for a length of 6845m.
- iii. The lifting point i.e. Jack well from Purna river falls in Village Rigaon, Tehsil- Muktainagar, District- Jalgaon & Dam site falls in Village-Islampur, Tehsil –Jalgaon (Jamod) & DistrictBuldhana, Maharashtra. Project Coordinates are as follows:

Lifting Point: Latitude: 20°57'30.00"N Longitude: 76°20'00"E

Dam Site at Islampur: Latitude: 21°02'14.99"N Longitude: 76°24'44.99"E

- iv. The total command area under this scheme comprises for all 104 villages lies in Muktainagar Taluka of Jalgaon district and Jalgaon-Jamod & Sangrampur Talukas in Buldhana District. The Irrigable command area of Jalgaon District is 8445 ha (32%) and 17453 ha (68%) in Buldhana District, thus total command (ICA) under this scheme is 25898 Ha. Irrigation is proposed from dam by Gravity pipe line. Gross Command Area under this scheme is 40465 Ha Culturable Command Area is 32372 Ha & Irrigable Command Area is 25898 Ha. Thus, the project will benefit 25898 ha irrigable area.

Benefitted Taluka	Benefit Area			Benefitted Villages
	G.C.A	C.C.A	I.C.A	
Jalgaon District				
Muktainagar Taluka	12889	10311	8249	21
Buldhana District				
Jalgaon- Jamod Taluka	15815	12652	10122	53
Sangrampur Taluka	11761	9409	7527	30
Total	40465	32372	25898	104

- v. Purna river is a tributary of the River Tapti (also called Tapi). The Tapi River flows in a deep bed which historically has made it difficult to use for irrigation. This project contemplates to provide irrigation facilities annually to a culturable command area of 32372 Ha thus providing immense growth in agricultural produce of the area and will improve overall economy of the local population. Since there is scope for lifting water from Purna river, the scheme Kurha Vadhoda Islampur Upsa Sinchan Yojana is planned to lift flood water, store & then utilize it.
- vi. The total storage capacity of reservoir is 77.60 Mcum, and it will benefit 25898 Ha irrigable area (8249 Ha of Muktainagar Taluka & 17649 Ha of Jalgaon-Jamod Taluka) of Jalgaon & Buldhana Districts respectively of Maharashtra state.

- vii. The existing value of the produce in the command area is Rs. 7366.14 Lakhs for 25898 Ha. After introduction of irrigation, the estimated value of produce in the command area will increase to Rs. 64787.63 Lakhs for 25898 Ha. (An increase of more than 9 times).
- viii. **Catchment Area-** The catchment area of Islampur Dam is saucer shaped and classified as good. The total catchment area up to dam site is 8.50 sqkm (3.32 sq miles).
- ix. **Salient features of the project:**

PARTICULARS	DETAILS
Name of Project	Kurha Vadhoda Islampur Lift Irrigation Scheme UPSA Sinchan Yojna with CCA 32372Ha at Village Rigaon, Tehsil-Muktainagar District Jalgaon, Maharashtra
Project Proponent	Tapi Irrigation Development Corporation, Sinchan Bhawan , Akash Wani Chowk, Jalgaon, Maharashtra-425001
Location of the project	Village- Rigaon, Taluk-Muktainagar, Dist. Jalgaon, Maharashtra. Dam Site at Islampur: Latitude: 21°02'14.99"N, Longitude: 76°24'44.99"E Lifting Point: Latitude: 20°57'30.00"N, Longitude: 76°20'00"E
Land Requirement and Use	The total area required for the project is 572 Ha out of which 562 Ha is private land, 7.57 Ha is Government Land and remaining 1.98 Ha is Forest land for which Forest Clearance have been obtained on 23.11.2012 vide letter no. No. 6- MHB – 030/2012 – BHO/1853.
Total Water utilization	3.564 TCM
Total Storage capacity of reservoir under the scheme	77.60 Mcum
Average Annual Rainfall	670 mm
Reserved Forest/ Protected Forest	<ul style="list-style-type: none"> • Machhandar Nath Mandir RF~ 2.6 kms in West from Dam site. • Raipur Reserved Forest~ 2.14kms in NW from dam site. • RF ~ 3.25kms in SE.
Seismic Zone	Zone-III (As per 1893:2002)
Category of Project	“A” (Due to presence of Maharashtra- Madhya Pradesh Interstate Boundary at 5.7kms in NNW from Dam site)
Type of Project	River Valley Projects (Schedule 1(c))

- x. **Chronology of EC at MoEF&CC:** The proposal was earlier submitted to MoEF&CC for grant of TOR in January 2009, TOR was approved in April 2009. Draft EIA was submitted to SPCB in January, 2010 for conducting Public Hearing. The Public Hearing was held in April, 2010 and January, 2011. The Final EIA was submitted to MoEF&CC for grant of EC. EC was not granted to the project as the case was not pursued further with MoEF&CC, after submission of Final EIA.
- xi. However, it may also be noted that almost more than 50% work has been completed but no operation has been started.
- xii. Progress of Lift Irrigation Project % wise is tabulated below:

Sr. No.	Project Components	Construction done	Construction to be
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			done
1	Earthen Dam	60%	40%
2	HR and Spillway	0%	100%
3	Pump House No.1	95%	5%
4	Intake structure	0%	100%
5	Pump House No.2	0%	100%
6	Pump House No.3	85%	15%
7	Machinery Installation	At PH 1&2 -0%	At PH 1&2 -100%
		At PH 3-60%	At PH 3-40%
8	Rising Main	10.784 km	2.356 km
9	Electric Supply Works	85%	15%
10	Distribution Network	0%	100%

- xiii. **Land requirement:** The total area required for the project is 572 ha out of which 562 ha is private land and 7.57 Ha is government land and remaining 1.98 Ha is forest land for which Forest Clearance has already been obtained.
- xiv. **State/National boundaries:** Maharashtra- Madhya Pradesh Interstate Boundary at 5.7kms in NNW from Dam site.
- xv. **Reserved Forest/Protected Forest:** Machhandar Nath Mandir RF~ 2.6 kms is located in West direction from Dam site and Raipur Reserved Forest~ 2.14kms is located in NW direction from dam site and another RF ~ 3.25kms is also located in SE direction.
- xvi. **Water availability:** The total water utilization under this scheme is 3.564 TMC.
- xvii. **Power Requirement:** Electricity supply to lift water is taken from Malkapur Sub Station of Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL). 132 KV transmission line is erected from Malkapur to Bhota substation, installed at Bhota. From Bhota sub Station 33 KV transmission lines are erected for electric supply to each pump house.
- xviii. **Project Cost:** Proposed cost for sanctioning to Water Resources Department of Government of Maharashtra is Rs. 2226.53 Crore.
- xix. The project construction has been started prior to grant of Environmental Clearance and completed almost 50% of the work therefore, PP applied the proposal no. IA/MH/RIV/255427/2022 under violation category.

25.5.3 The EAC during deliberations noted the following:

The EAC observed that PP has started the construction work of the project prior to grant of Environmental Clearance and completed almost 50% of the work, accordingly, the application has been made for appraisal in terms of the provisions the EIA Notification, 2006, as amended under violation category.

It was noted that proposed project is listed as item no. 1 (c) of the Schedule of the EIA Notification, 2006, as amended under Category 'B'; however, due to applicability of 'General Conditions' of the EIA Notification, 2006 i.e., inter-state boundary between Maharashtra- Madhya Pradesh at 5.7 kms from Dam site, it is being appraised at Central Level. Further, the EAC noted that as per the Ministry's O.M. dated 28/01/2022, the violation projects located outside the territorial jurisdiction of Tamil Nadu can be considered as per the provisions contained in SOP dated 7/7/2021.

The EAC observed that information submitted by PP are not adequate to estimate the damage caused to the environment due to start of project construction work without EC as well as there may be some inter-state issues involved in the proposal. Accordingly, the EAC decided to conduct site-visit by following EAC sub-committee members before making any recommendations on proposal:

- i. Dr. A.K. Malhotra*
- ii. Dr. Chandrahas Deshpande*
- iii. Shri Sharvan Kumar*
- iv. Dr. M.K. Sinha*
- v. Dr. J.A. Johnson*
- vi. Dr. A.K. Sahoo*
- vii. Representative from MoEF&CC*

The Chairman, EAC coopted Shri K. Gowarappan, ex-member of the Violation Committee, MoEF&CC as a member of the committee who will conduct the site visit.

The proposal was **deferred** on the above lines.

The meeting ended with vote of thanks to the Chair.

ATTENDANCE LIST

Sr. No	Name & Address	Role	Attendance
1.	Dr. K. Gopakumar	Chairman	P
2.	Dr. A. K. Malhotra	Member	P
3.	Shri Sharvan Kumar	Member (Representative of CEA)	P
4.	Dr. A. K. Sahoo	Representative of CIFRI	P
5.	Shri Yogendra Pal Singh	Member Secretary	P

APPROVAL OF THE CHAIRMAN



Yogendra Pal Singh via nic.in
to me ▾

2:41 PM (16 minutes ago) ☆ ↶ ⋮

From: kgopa@iisc.ac.in

To: "Yogendra Pal Singh" <yogendra78@nic.in>

Cc: "Munna Kumar Shah" <munna_shah@gov.in>, "Sourabh Kumar" <sourabh_9@govcontractor.in>

Sent: Monday, April 11, 2022 12:39:46 PM

Subject: Re: Draft MOM of the EAC (RVHEP) meeting held on 14.03.2022 for perusal and comments-reg.

Dear Dr Yogendra
yes I approve this.

With warm regards

Prof. K.Gopakumar, FIEEE, FNAE

DESE, Indian Institute of Science

Bangalore-560012, INDIA
