

ANNEXURE - I

KOPILI HYDRO POWER STATION, STAGE – I Extn, (2 x 50 MW)
MONITORING REPORT ON THE IMPLEMENTATION OF CONDITIONS OF
ENVIRONMENTAL CLEARANCE AS ON MARCH'2025

PART-I
(DATA SHEET)

1	Project type	River-valley
2	Name of the project	Kopili Hydro Power Station Project, 1 st Stage Extension
3	Clearance letter/OM No. & date	Environmental clearance no: J-11016/67/82-IA-I dated 2 nd March 1993.
4	Location	District – Dima Hasao. State – Assam Latitude/ Longitude: 25° 32' N 92° 41' E
5	Address of correspondence (a) address of concerned Project Chief Engineer	The Head of Plant Kopili Hydro Power Station NEEPCO Ltd., Umrongso PIN-788931 Tel:03670-288222 FAX-03670-288240
6	Salient features (a) of the project (b) of the Environment management plan	Already submitted.
7	Break up of the project area (a) Submergence area (forest & non-forest) (b) others	No new acquisition of land for reservoir after Stage-I, KHPS
8	Break up of project effected population with enumeration of those losing houses/dwelling units only, agricultural land and land less labourers/artisans (a) Adivasis (b) Others	NIL NIL
9	(a) Project as originally planned and subsequent revised estimates and the year of prime reference (b) Allocation made for environmental management plans	Original estimated cost Rs.111.00 Crores (including IDC of Rs.9.03 Crores) sanctioned vide letter no:22/17/88-D(T&N) dated 14.05.93 of MOP, GOI Revised cost Rs.134.48 Crores (including IDC Rs.3.53 Crores) sanctioned vide letter no 6/4/96-Hydel-11 dated 27.07.99 of MOP, GOI. Rs.603.00 lakh Debt:Equity ratio:1:1

Perungu M
01/05/2025
পা.সি. নিয়ন্ত্রণ / P.P. Neog
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জিলাপাড়া, নোংসো, উমরাংসো (অসম)
NEEPCO, Umrongso (Assam)

	<p>(c)Benefit cost ratio/internal rate of return and the year of assessment.</p> <p>(d)Whether(c) includes cost of environmental management</p> <p>(e)Actual expenditure incurred on the project so far from 1.04.2024 to 30.09.2024</p> <p>(f) Actual expenditure incurred on environmental management so far from 1.04.2024 to 30.09.2024</p>	<p>Debt portion covered by govt loan @13.5%pa and propose return on equity @16%.</p> <p>Yes</p> <p>Rs. 149.85 Lakh</p> <p>Rs. 27.6 Lakh</p>
10	<p>Forest land requirement</p> <p>(a)The status of approval for diversion of forest land for non forestry use</p> <p>(b)The status of compensatory afforestation.</p> <p>(c)The status of clear felling</p> <p>(d) Comment on viability and sustainability of compensatory afforestation program in the light of field experience so far</p>	<p>Approval accorded for diversion of 3686.85 Ha of forest land for construction of the project(Stage-I)vide MOE&F letter no:8-192/91-FC Dtd02-04-93</p> <p>Against estimated amount of Rs.12.91 Crores an amount of Rs.4.303 Crores has already been released to the Forest Department, Assam during the period 2002-03 and 2003-04. Another 7.14 Crores released during 2008-09. As such, total 11.403 Crores has already been released.</p> <p>NIL</p> <p>The Forest Department of Assam and Soil Conservation Department of Meghalaya are responsible for execution of the schemes.</p>
11	The state of clear felling in non-forest areas(such as submergence areas of reservoir, approach)	NIL
12	Status of construction	Project started in 1994 and commissioned in 1997-98. However, now restoration works for the damages caused due to inundation i.e 07.11.2019 has also been completed.
13	Reason for delay(if the project is yet to start)	NA
14	<p>Date of site visit</p> <p>(a) Date on which the project was monitored by the regional office on previous occasion, if any.</p> <p>(b) Date of site visit for this monitoring report.</p>	<p>Visited on 8th & 9th August/07</p> <p>Visited on 28th & 29th June/08</p> <p>Visited on 19.12.2017 to 23.12.2017</p> <p>Visited on 10.03.2023</p>
15	Public appreciation & public complaint on this project.	NIL

Amendment

Parvathy M
01/05/2025
অ.স.স. নিয়ন্ত্রণ / P.P. Neog
অ.স.স. নিয়ন্ত্রণ (সি) / DGM (C)
অ.স.স. নিয়ন্ত্রণ / Environment Wing
অ.স.স. নিয়ন্ত্রণ, উমরগুও (অসম)
NLP/CO, Umrongso (Assam)

ANNEXURE - II

KOPILI HYDRO POWER STATION STAGE-I Extn., (2 X 50 MW)
REPORT ON THE IMPLEMENTAION STATUS OF CONDITIONS OF ENVIRONMENTAL CLEARANCE AS ON MARCH '2025.
PART – II

1. Project Type : River Valley
2. Name of the Project : Kopili Hydro Power Station Stage – I Extension (2X50 MW)
3. Clearance Letter and date : J-11016/67/82-IA.1 dt. 02-03-1993
4. Location:
 - a) District : Dima Hasao
 - b) State : Assam
 - c) Latitude/ Longitude : 25°30' N 92°41' E
5. Address of Correspondence : The Head of Plant, KHPS, NEEPCO Ltd.,
Umrongso, Dima Hasao, Assam
Pin – 788931
Phone: 03670-288222, FAX: 03670-288240
6. Date of Monitoring : 19.12.2017 to 23.12.2017 & 10.03.2023

Sl No.	Stipulation	Status of Compliance
1	Considering that the upper catchment of Kopili river has been exposed to increasing intensity of human interference due to various developmental activities and creation of network of roads and that it happens to be the habitat of diverse flora and fauna, NEEPCO should undertake rapid survey of Project impact area <u>to identify and demarcate all areas rich in biological diversity for total protection.</u>	Complied.
2	Even through, the area is rich in germplasm of many plants of economic importance; no detailed report on the survey of flora of Kopili river has been documented so far. The project authorities should, therefore initiate surveys for bio-diversity in the catchment through competent agencies.	Complied.

Received by
01/05/2025
সি. পি. সিং / P.P. Nong
অ. পরিবেশ (সি) / DGM (C)
সি. পি. সিং / Environment Wing
সি. পি. সিং, উম্রংসো, ডিমা হাঙ্গা (অসম)
NEPCO, Umrongso (Assam)

3	A phased programme for Catchment Treatment should be evolved and implemented by taking into consideration the reports already prepared by North Eastern Council and other Govt. agencies. The catchment area treatment programme should be completed prior to completion of the project work covering all the critically degraded areas.	The catchment of the project is spread in two states viz. Assam and Meghalaya. In Assam, the work of CAT was executed through N.C Hills Autonomous Dist. Council and the work is completed. However, in Meghalaya, the work of CAT was executed through Soil Conservation Department, Meghalaya. However, due to some demands by the local people which the Soil Conservation Deptt. could not agree, they had discontinued the work. Again, the matter has been taken with the Soil Conservation Department, Meghalaya in line with the monitoring report of MOEF and CC, North Eastern Region (NER) office, Shillong, Meghalaya.
4.	A plant resource center should be set up with representative species of regional flora through creation of botanical gardens in the sites in project colony, dam sites etc.	Complied.
5	Continuous monitoring of silt inflow at the project site and along the tributaries should be undertaken through creation of a network of silt monitoring stations to identify critical areas requiring priority treatment along with the project.	Complied
6	Details of Nurseries and mobilization of work force to handle afforestation programme be worked out and submitted to the Ministry.	Complied.
7	Inventory of aquatic fauna in the region should be prepared along with feeding habits and breeding cycles.	Complied.
8	Adequate free fuel arrangements should be made to the labour force employed during construction of the project to avoid destruction to the vegetation cover in the neighbouring areas	Complied.
9	Restoration of construction area should be ensured to the extent possible by leveling, filling of pits and landscaping etc.	Complied.

Barun M
01/05/25
 সৌ.পে. নিয়োগ / P.P. Neog
 উপ-মহাপ্রবন্ধক (সৌ) / DSM (S)
 পরিবেশ সঞ্চয় / Environment Wing
 জালাই, নগাল্যান্ড, ভারত
 JEPSCO, Unirongso (Assam)

10	The Ministry should be informed every six months of the follow up action taken on the recommendations and the project should be initiated only after ensuring that all arrangements to execute the above recommendations have been made as an integral part of the project.	Complied. Arrangements are made to complete the follow up actions.
11	Item-wise financial allocation with yearly requirement should be made in the project budget for implementation of the safeguard	Complied. Budget provision is available.
12	A Multi Disciplinary Committee should be constituted to ensure effective implementation of the safeguard	Multi-Disciplinary Committee was constituted and the last meeting was held on 10.03.1998. Due to lapse of time, documents related to formation of the Multi-Disciplinary Committee are not available. As such, the matter was discussed with the officials of MOEF and CC, NER, Shillong, Meghalaya during the visit to the Kopili H.Power Station in the Month of December, 2017 and action has been taken for reconstituting the Multi – Disciplinary committee in order to arrange meetings etc. The same is being pursued.
13	Implementation of these and any other safeguards that shall be stipulated latter in this regard will be implemented among others under provisions of the Environment (Protection) Act, 1986.	“Consent to operate” has already been applied from the Pollution Control Board, Assam (with deposition of the stipulated fees) up to 31-03-2030.

Barun
 01/05/23
 पी.पी. निओग / P.P. Neog
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 पर्यावरण रक्षक / Environment Wing
 कोणार्क, सोनित, उमरगाँव (असम)
 KHPS, NEEPCO, Umrongso (Assam)

KOPILI HYDRO POWER STATION, KHANDONG STAGE – II, (1 X 25 MW)
MONITORING REPORT ON THE IMPLEMENTATION OF CONDITIONS OF
ENVIRONMENTAL CLEARANCE AS ON MARCH'2025

PART-I
(DATA SHEET)

1	Project type	River-valley
2	Name of the project	Kopili Hydro Power Station, Khandong Stage-II
3	Clearance letter/OM No. & date	(i)Forest clearance - No: F.8-192-91-FC Dated. 02.04.1993. (ii)Environmental clearance no: J-12011/3/98-IA- Dated 9.11.98.
4	Location	District – Dima Hasao State – Assam Latitude/ Longitude:25° 32' N 92° 41' E
5	Address of correspondence (a) address of concerned Project Chief Engineer	The Head of Plant Kopili Hydro Power Station NEEPCO Ltd., Umrongso PIN-788931 Tel:03670-288222 FAX-03670-288240
6	Salient features (a)of the project (b)of the Environment management plan	Already submitted.
7	Break up of the project area (a)Submergence area (forest & non-forest) (b)others	No new submergence area. Land has already been acquired for this project during Stage-I construction.
8	Break up of project effected population with enumeration of those losing houses/dwelling units only, agricultural land and land less labourers/artisans (a) Adivasis (b) Others	NIL NIL
9	Financial details (a)Project as originally planned and subsequent revised estimates and the year of prime reference (b)Allocation made for environmental management plans with item wise and year break up. (c)Benefit cost ratio/internal rate of return and the year of assessment.	Original estimated cost in 1997 Rs.63.30 Crores sanctioned estimated cost at Sept 1998 price level Rs.76.09 Crs.(Sanctioned vide L/no:6/3/97-Hydel-II Dtd.27.07.99 of MOP, GOI). Revised estimated cost at Feb'2004 price level Rs.95.02 Crores Plantation -Rs.8.54 lakh Env. & Ecology-16.0 Lacs. As per Annexure - III Debt: Equity ratio:1:1 Debt portion covered by govt loan @13.5%pa and proposed return on equity @16%. Commercial generation started from July, 2004.

Signature
01/05/25
प्र.प्र. नि.ओ. (प.प. नेओ)
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कैलाशगंगा, उम्रंगसो, अरुणाचल प्रदेश (अरुणा)
NEEPCO, Umrangso (Assam)

	(d)Whether(c) includes cost of environmental management (e)Actual expenditure incurred on the project so far from 1.04.2024 to 30.09.2024 (f) Actual expenditure incurred on environmental management so far 1.04.2024 to 30.09.2024	Yes Rs. 130.94 Lakh Rs. 5.74 Lakh
10	Forest land requirement (a)_The status of approval for diversion of forest land for non forestry use (b)The status of compensatory afforestation. (c)The status of clear felling (d) Comment on viability and sustainability of compensatory afforestation program in the light of field experience so far	Approval accorded for diversion of 3686.85 Ha of forest land for construction of the project(Stage-I)vide MOE&F letter no:8-192/91-FC Dtd02-04-93 Against estimated amount of Rs.12.91 Crores an amount of Rs.4.303 Crores has already been released to the Forest Department, Assam during the period 2002-03 and 2003-04. Another 7.14 Crores released during 2008-09. As such, total 11.403 Crores has already been released. NIL The Forest Department of Assam and Soil Conservation Department of Meghalaya are responsible for execution of the schemes.
11	The status of clear felling in non-forest areas(such as submergence areas of reservoir, approach)	NIL
12	Status of construction (a) Date of commencement (b) Date of completion	20.01.1999 Project commissioned in Dec'2003 Commercial generation started in July'2004.
13	Reason for delay(if the project is yet to start)	NA
14	Date of site visit (a) Date on which the project was monitored by the regional office on previous occasion, if any. (b) Date of site visit for this monitoring report.	Visited on 8 th & 9 th August/07 Visited on 28 th & 29 th June/08 Visited on 19.12.2017 to 23.12.2017. Visited on 10.03.2023
15	Public appreciation & public complaint on this project.	NIL

Parvathy
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 कोयलाखण्ड, नोयका, उमरंगसा (असम)
 KHPS, NEEPCO, Umrongso (Assam)

ANNEXURE - II

KOPILI HYDRO POWER STATION, KHANDONG STAGE – II, (1 x 25 MW)
MONITORING REPORT ON THE IMPLEMENTATION OF CONDITIONS OF ENVIRONMENTAL CLEARANCE AS ON MARCH'2025

PART-II

1. Project Type : River Valley
2. Name of the Project : Kopili Hydro Power Station, Khandong Stage – II
3. Clearance Letter and date : J-12011/3/98-ia-1A.1 dt. 09-11-1998
4. Location:
 - a) District : Dima Hasao
 - b) State : Assam
 - c) Latitude/ Longitude : 25°30' N 92°41' E
5. Address of Correspondence : The Head of Plant, KHPS, NEEPCO Ltd.,
Umrongso, Dima Hasao, Assam
Pin – 788931
Phone: 03670-288222, FAX: 03670-288240
6. Date of Monitoring :

SL No	Stipulations	Status of compliance
1	Adequate free fuel arrangements should be made to the labour force engaged in the construction work at project cost so that indiscriminate felling of trees is prevented.	Complied.
2	All the labourers to be engaged for construction works should be thoroughly examined by health personnel and adequately treated before issuing them work permit for the project.	Complied.

3	Restoration of construction area including dumping site of excavated materials/at Dam site should be ensured by leveling, filling up borrow pits, landscaping etc. The area should be properly afforested with suitable plantation.	Complied. All construction areas i.e power House site, Tail Race site and Dumping areas have already been restored and plantation is done in phased manner as a continuous process.
4	Preventive actions proposed under the emergency action plan in Dam break analysis should be followed in toto.	Preliminary emergency action plan has already been prepared. Identification of source of materials and Tools and Equipments has been done. A map showing the probable submergence area in the down stream of the dam has also been prepared. Work order issued vide No. NEEPCO/KHEP/C & P (C)/F – 05/2012 – 2013/1186 dtd. 18.01.2013 to M/s Vignesh Enterprises, Jorhat, Assam. Field survey work has already been completed. Drawing submitted.
5	Six monthly monitoring reports should be submitted to the Ministry and its regional office at Guwahati for review.	Complied.

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 KHPS, NEEPCO, Umraungsa (Assam)