



सत्यमेव जयते

भारत सरकार Government of India

विद्युत मंत्रालय Ministry of Power

उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय  
NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006,

Ph. No: 0364 - 2534077

Fax No: 0364 - 2534040

Website: www.nerpc.gov.in

No. NERPC/CC/CSA/2016/2336-2357

Date: 13-07-2025

सेवा में /To,

Executive Director,

NERLDC,

Nongraha, lapalang, Shillomng-793006.

विषय/Sub: यूनिट्स के रेनोवेशन और मरम्मत के बाद खंडोंग हाइड्रो इलेक्ट्रिक परियोजना(2x23=46MW) से स्थापित क्षमता और बिजली के वितरण का संशोधन- तत्संबंधी/Revision of Installed Capacity and Share Allocation of Power from Khandong HEP(2x23=46MW) due to derating of Units after R&M-reg.

महोदय/महोदया/Sir/Madam,

In accordance with the Central Electricity Authority's communication vide letter no. 17/3/2019/HPA/440-41 dated 16th March, 2020, wherein it was proposed to revise the installed capacity of Khandong Hydro Electric Project (HEP) from 2x25 MW to 2x23 MW, and pursuant to the request of NEEPCO vide letter no. KHPS/KhPS/NEEPCO/KhPS/FTC/2025-26/61 dated 10th May, 2025, seeking deration of the said capacity accordingly, it is hereby noted that the installed capacity of Khandong HEP stands revised to **2x23 MW**. Further, NERLDC, vide its letter no. NERLDC/MO/FTC/20/8029 dated 11.07.2025, has issued the Trial Operation Certificate for Khandong HEP at the revised capacity.

Accordingly, with the approval of the Competent Authority, the share allocation of power from Khandong HEP (2x23=46MW) to its beneficiaries shall stand revised with effect from **00:00 Hours of 15.07.2025**, as per the revised installed capacity.

Beneficiary	MW	Share Allocation (%)
ARUNACHAL PRADESH	1.928550	4.192500
ASSAM#	25.888800	56.280000
MANIPUR	3.019900	6.565000
MEGHALAYA#	7.774000	16.900000
MIZORAM	1.810100	3.935000
NAGALAND	3.059000	6.650000
TRIPURA	2.519650	5.477500
<b>TOTAL</b>	<b>46.000000</b>	<b>100.000000</b>

# Including Free power for the States.

Note: This revised share allocation subject to change as per direction or order from Ministry of Power, Gol and/or CEA.

यह एमएस, एनईआरपीसी की स्वीकृति के साथ जारी किया गया है।/This is issued with the approval of MS, NERPC.

भवदीय / Yours faithfully,

दिनेश बारी  
13/07/2025

(डॉ. के. बारी/D. K. Bauri)

निदेशक/ Director

पत्तों की सूची /List of Addressees:

1. CMD, TSECL, Bidyut Bhawan, Agartala – 799 001
2. Director (Distribution), MePDCL, Lumjingshai, S.R. Road, Shillong – 793 001
3. Engineer-in-Chief (P&E), P&E Dept., Govt. of Mizoram, Aizawl – 796 001
4. Chief General Manager (Comml), APDCL, Bijulee Bhawan, Paltan Bazar, Guwahati – 781 001
5. Chief Engineer (Comm), Dept. of Power, Govt. of Arunachal Pradesh, Itanagar – 791 111
6. Managing Director, MSPDCL, Keishampat, Imphal-795 001.
7. E-in-C, Dept. of Power, Govt. of Nagaland, Kohima – 797 001
8. Chief Engineer, Loktak HE Project, Vidyut Vihar, Komkeirap, Manipur – 795 124
9. Executive Director (Comml.), NEEPCO Ltd., Lower New Colony, Shillong – 793 003
10. Executive Director, NERTS, POWERGRID, Lapalang, Shillong – 793 006
11. Managing Director, OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi –110092
12. GM (Comml.), NTPC, 3<sup>rd</sup> Floor OLIC building, Plot No.N.17/2, Nayapalli, Bhubaneshwar-12
13. CE (G. M.), CEA, SewaBhawan, R.K.Puram, New Delhi – 110 066.
14. DGM (Comml), OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
15. DGM (Comml.), NTPC, 3<sup>rd</sup> Floor OLIC building, Plot No.N.17/2, Nayapalli, Bhubaneshwar-12
16. AGM (Comml.), NTPC, Bongaigaon Thermal Power Project, P.O Salakati, Kokrajhar-783369
17. CEO, NVVN Ltd., 7<sup>th</sup> Floor, Scope Complex, Lodhi Road, N.Delhi- 110 003
18. Power Trading Corpn. of India Ltd., 2<sup>nd</sup> Floor, NBCC Tower, 15-Bhikaji Cama Place, New Delhi – 66.
19. Member Secretary, NRPC,18-A, Shaheed Jeet Singh Marg,Katwaria Sarai, NewDelhi-110016.
20. Member Secretary, ERPC,14, Golf Club Road, Kolkata- 700 033.
21. Member Secretary, WRPC, Plot No F-3, MIDC Area, Opp Seepz,Marol,Andheri (E), Mumbai-400 093.
22. Member Secretary, SRPC, 29, Race Course Road, Bangalore- 560009.

दिनेश बाबरी  
13/07/2025

(डी. के. बाँरी/D. K. Bauri)

निदेशक/ Director

स्वीकृति संख्या/Approval No: NERLDC/MO/FTC/20/8029

दिनांक/ Date: 11.07.2025

सेवा में /To,

मुख्य महाप्रबंधक (तकनीकी), केएचपीएस/ Chief General Manager (Tech), KHPS

नीपको लिमिटेड, उमरोंगसो, असम/ NEEPCO Ltd., Umrongso, Assam

कृपया ध्यान दें: श्री. आशिम ज्योति बोरदोलोई / Kind attention: Sh. Ashim Jyoti Bordoloi

खांडोंग और खांडोंग स्टेज- II पीएस, केएचपीएस/ Khandong & Khandong Stage-II P.S.

**विषय/Sub: 132 केवी खांडोंग पावर स्टेशन पर 23 मेगावाट यूनिट 1 का ट्रायल ऑपरेशन सर्टिफिकेट (नीपको) / Trial Operation certificate of 23MW Unit 1 at 132 kV Khandong Power Station (NEEPCO)**

महोदय/ महोदया,

यह 09/07/2025 को ई-मेल के माध्यम से 2 x 23 मेगावाट खांडोंग केएचपीएस की यूनिट-1 (23 मेगावाट) के ट्रायल रन से संबंधित प्रस्तुत उत्पादन आंकड़ों के संदर्भ में है।

आईईजीसी के खंड 22(2) के अनुसार, खांडोंग (नीपको) ने 06.07.2025 को 15:15 बजे से 07.07.2025 को 04:00 बजे तक (कुल 12 घंटे) तक यूनिट-1 का ट्रायल रन ऑपरेशन सफलतापूर्वक पूरा किया, जिसमें 06.07.2025 को 23:45 बजे से 07.07.2025 को 00:30 बजे तक की रुकावट अवधि शामिल नहीं है। इस अवधि के दौरान, यूनिट ने संस्थापित क्षमता से अधिक औसत उत्पादन का प्रदर्शन किया।

यूनिट ने स्थापित क्षमता के 110% तक उत्पादन बढ़ाने का भी सफलतापूर्वक प्रदर्शन किया।

आरएलडीसी को लिखित में किसी भी लाभार्थी द्वारा उठाई गई किसी आपत्ति की कोई प्राप्ति नहीं हुई है।

यह प्रमाण पत्र खांडोंग यूनिट 1 के सफल परीक्षण को प्रमाणित करने के लिए सीईआरसी (भारतीय विद्युत ग्रिड कोड) विनियम, 2023 के विनियमन 25 (1) और 25 (2) के अनुसार जारी किया जा रहा है।

किसी अन्य उद्देश्य के लिए इस प्रमाणपत्र का उपयोग निषिद्ध है।

This is with reference to the generation data submitted pertaining to the trial run of Unit-1 (23 MW) of 2 x 23 MW Khandong KHPS, vide e-mail dated 09/07/2025.

As per Clause 22(2) of the IEGC, Khandong (NEEPCO) successfully completed the trial run operation of Unit-1 from 15:15 Hrs on 06.07.2025 to 04:00 Hrs on 07.07.2025 (total 12 hours),

excluding the interruption period from 23:45 Hrs on 06.07.2025 to 00:30 Hrs on 07.07.2025. During this period, the unit demonstrated an average generation more than the Installed Capacity.

The unit also successfully demonstrated raising generation up-to 110% of Installed Capacity.

There has been no receipt of any objection raised by any beneficiary in writing to RLDC.

This certificate is being issued in accordance with Regulation 25 (1) and 25 (2) of CERC (Indian Electricity Grid Code) Regulations, 2023 to certify successful trial run of Khandong Unit 1.

Usage of this certificate for any other purpose is prohibited.

धन्यवाद के साथ / Thanking you,

भवदीय / Yours Sincerely



(अमरेश मल्लिक / Amaresh Mallick)  
कार्यपालक निदेशक / Executive Director  
उपक्षेत्राधिकारी, शिलांग / NERLDC, Shillong

प्रति:

- i. सदस्य सचिव, एनईआरपीसी, एनईआरपीसी परिसर, डोंग परमाव, लापलांग, शिलांग-06
- ii. कार्यपालक निदेशक, एनएलडीसी, B-9, कुतब इंस्टीट्यूशनल एरिया, कटवाड़ा सराय, नई दिल्ली-16
- iii. मुख्य महाप्रबंधक (एस.ओ.), मुख्य महाप्रबंधक (एस. एल.) & महाप्रबंधक (एम.ओ.), उपक्षेत्राधिकारी
- iv. एसएलडीसी प्रभारी, अरुणाचल प्रदेश/असम/मणिपुर/मेघालय/मिजोरम/नागालैंड/त्रिपुरा

Copy to:

- i. Member Secretary, NERPC, NERPC Complex, Dong Parmaw, Lapalang, Shillong-06
- ii. Executive Director, NLDC, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-16
- iii. CGM (SO), CGM (SL) & GM (MO), NERLDC
- iv. SLDC In-Charge, Arunachal Pradesh/Assam/Manipur/Meghalaya/Mizoram/Nagaland/Tripura



नॉर्थ ईस्टर्नथ लैक्ट्रिक पावर कॉर्पोरेशन लललितेड

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.

(भारत सरकार का उद्यम) (A GOVERNMENT OF INDIA ENTERPRISE)

एनटीपीसी लिलमटेड की पूर्ण स्वालमत्व वािी सहायक कंपनी/A wholly owned subsidiary of NTPC Limited.

कोपपली हाइड्रो पावर स्टेशन/KOPI LI HYDRO POWER STATION

डिरॉग्सो, डडिा हसाव, असि / UMRONGSO, DIMA HASAO, ASSAM



No. KHPS/KhPS/NEEPCO/KhPS/ FTC/2025-26/ 61

Date: 10-05-2025

To,

The In-Charge,  
Marketing Operations Department,  
NERLDC, Grid India  
Powergrid Complex, Lower Nongrah, Lapalang,  
Shillong-793006, Meghalaya, India

**Sub:** Intimation of Derating of Khandong Generating Units

Sir,

It is to inform you that 25 MW Khandong Unit-1 & Unit-2 has been derated to 23 MW vide approval letter no. Chief Engineer (HER&M), CEA letter no. No.17/3/2019/HPA/ 440-41 dated 16-03-2020.

Therefore, it is requested that necessary action is taken for scheduling, etc of Khandong Units based on 23 MW capacity instead of 25 MW.

We shall be highly obliged.

Yours Faithfully

Abhijit Kalita, DGM(E/M)

Khandong & Stage-II Power House

KHPS ; NEEPCO Ltd.

Umrongso Dima Hasao, Assam – 788931





सत्यमेव जयते

भारत सरकार

Govt. of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

जल विद्युत परियोजना मूल्यांकन प्रभाग

Hydro Project Appraisal Division

**विषय:-** नीपको लिमिटेड द्वारा खांडोंग पावर स्टेशन, असम, के नवीकरण और आधुनिकीकरण के तहत पावर ऑप्टिमाइज़ेशन स्टडी पर रिपोर्ट - के बारे में।

**संदर्भ :** नीपको का दिनांक 30.08.2019 का पत्र।

उपरोक्त विषय के संदर्भ में एच.पी.ए प्रभाग का पत्र संलग्न है।

**संलग्न :-** उपरोक्त

*Handwritten signature*  
16/03/2020  
(निखिल जैफ)

उप निदेशक (एच.पी.ए)

**मुख्य अभियंता (एच.ई.आर & एम प्रभाग), के.वि.प्रा**

सं.-17/3/2019/HPA/440-11

Date: 16/03/2020

**प्रतिलिपि :** मुख्य महाप्रबंधक (सी), प्रभारी डिजाइन एंड इंजीनियरिंग, नॉर्थ ईस्टर्न इलेक्ट्रिकल पावर कॉरपोरेशन लिमिटेड, भू तल, नीपको भवन, आर.जी. बरुआ रोड, सुंदरपुर, गुवाहाटी, असम-781005.



भारत सरकार

Govt. of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

जल विद्युत परियोजना मूल्यांकन प्रभाग

Hydro Project Appraisal Division

**Subject: Report on Power Optimization Study of Khandong Power Station under R&M by M/s NEEPCO Ltd. In Assam - regarding.**

Reference is invited to M/s NEEPCO letter no. NEEPCO/GHY/D&E/T-53/2019-20/747 dated 30.08.2019 submitting therewith report on Power Optimization Study of Khandong Power Station under R&M by M/s NEEPCO Ltd. in Assam.

The PPS Chapter of the Report has been examined and proposed installed capacity of 46 MW (2x23=46 MW) with design energy of 215 MU for 90 % dependable year at 100 % machine availability.

After detailed examination of the proposal, Installed Capacity for Khandong Power Station is proposed as 46 MW (2x23 MW) with design energy of 209.87 MU at 90 % dependable year at 95 % machine availability.

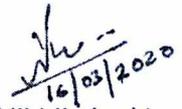
Parameters considered in the studies are given below:

Sl. No.	Parameters	As per DPR	Vetted CEA parameters
1.	Installed Capacity	2x25 = 50 MW	2x23 = 46 MW
2.	FRL (m)	725 m	725 m
3.	MDDL (m)	704.45 m	704.45 m
4.	Maximum Head Loss	24 m	24 m
5.	TG efficiency	-	92.12 %
6.	Design Energy Benefit	277.61 MU	209.87 MU
7.	Plant Load Factor	-	52.08 %

However, the installed capacity and energy benefits is subject to following conditions:

- Confirmation of Losses in Water Conductor System by HCD Directorate, CWC.
- Vetting of Combined efficiency of TG by HE&TD Division, CEA
- Vetting of evaporation losses by Hydrology Directorate, CWC.

This issues with the approval of competent authority.

  
(Nikhil Jeph)

Deputy Director (HPA)

Chief Engineer (HER&M), CEA

No.17/3/2019/HPA/ ५५०-५१

Date: 16/03/2020

Copy to: Chief General Manager(C), I/C Design & Engineering, NEEPCO Ltd. Ground Floor, NEEPCO Bhawan, R. G. Road, Sundarpur, Guwahati, Assam-781005.