भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

दिनांक: 20th फरवरी, 2026

सेवा में / To,

उ.क्षे.वि.स. एवं टीसीसी के सभी सदस्य (संलग्न सूचीनुसार)
Members of NRPC & TCC (As per List)

विषय: एनआरपीसी की विशेष बैठक (23.02.2026) (ऑनलाइन माध्यम) की अतिरिक्त कार्यसूची।
Subject: Additional Agenda of Special Meeting of NRPC on 23.02.2026 through online mode -reg.

महोदय / महोदया,

एनआरपीसी की **विशेष बैठक** दिनांक **23.02.2026 (12:30 PM)** को वीडियो कॉन्फ्रेंसिंग के माध्यम से आयोजित की जाएगी। बैठक की अतिरिक्त कार्यसूची संलग्न है।

Special Meeting of NRPC is scheduled to be held on **23.02.2026 (12:30 PM)** via video-conferencing. Additional agenda for the meeting is enclosed.

भवदीय
Yours faithfully

Digitally signed by Anzum Parwej
Date: 20-02-2026 11:26:17

(अंजुम परवेज)
(Anzum Parwej)
अधीक्षण अभियंता
Superintending Engineer

Copy to:

1. Sh. Shailendra Kumar, IAS, Chairperson, NRPC and Financial Commissioner (Additional Chief Secretary), to Government of J&K, Power Development Department, UT of J&K (power.department@jk.gov.in).
2. Sh. G.P. Singh Arora, IAS, Chairperson, TCC and Managing Director, JPDCL (md-jpdcl@jk.gov.in).

सत्यमेव जयते

उत्तर क्षेत्रीय विद्युत समिति

NORTHERN REGIONAL POWER COMMITTEE

Additional Agenda of

Special Meeting of

Northern Regional Power Committee

Date: 23rd February 2026

Time: 12:30 PM

Via: Video Conferencing

Contents

Additional Agenda for Special NRPC Meeting

Introduction

A Special Meeting of NRPC is scheduled on 23.02.2026 through VC (online mode) to

discuss the ISTS proposals furnished by the CTUIL.

AA.1 Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW)"

AA1.1 CTU has submitted that Transmission system for evacuation of power from Luhri Stage-I HEP was discussed and agreed in the 8th NCT meeting held on 25.03.2022 at an estimated Cost of Rs 432 Cr, (Minutes of meeting enclosed in **Annexure-I**). Scheme was notified by CEA vide Gazette dated 02.06.2022 and RECPDCL was appointed as the BPC of the transmission scheme. Further in the CEA meeting held on 26.08.22 for finalization of location of pooling station near Nange, location of the pooling station was agreed in Ogli (Tehsil Sunni). The timeframe of the above transmission scheme was revised to 31st August 2026 in the 14th NCT meeting held on 09.06.2023 (Minutes of meeting enclosed in **Annexure-II**).

AA1.2 Further, considering new proposed location near Bilaspur (Brahampukhar) (in place of Nange PS) revised proposal was agreed in 22nd NCT meeting held on 23.08.2024 at an estimated Cost of Rs 305 Cr. (Minutes of meeting enclosed in **Annexure-III**). Bidding of Transmission scheme was kept on hold due to uncertainty of commissioning schedule of generation projects.

AA1.3 Subsequently, SJVN vide letter 15.01.26 requested for reconsideration of Ogli as pooling station for evacuation of power from 210MW Luhri Stage-I HEP (LHEP-I) and 382MW Sunni Dam HEP (SDHEP) (copy of SJVN's letter is attached as **Annexure-IV**). In the same letter, SJVN again revised the SCODs of 382 MW SDHEP and 210 MW LHEP-I as under:

Sr. No.	Project	Date of 1st Unit SCOD of Project	Date of SCOD of Project
1	382 MW SDHEP	15.10.2029	15.12.2029
2	210 MW LHEP-I	01.11.2029	31.12.2029

In the letter, SJVN highlighted the benefits of the shifting of ISTS Pooling Station from Brahampukhar to Ogli (Nange) as below:

- The 220 kV transmission line length will considerably reduce from 94 km to 44 km for evacuation of power of both Projects.
- Twin Moose conductor from Sunni Dam HEP to Ogli (10 km) in place of Twin Bersimis Conductor from Sunni Dam HEP to Brahampukhar (50Km).
- Lower RoW & Forest Clearance issues.
- There will be no requirement of Pot Head Yard-II at Sunni HEP along with associated GIS Bays.
- There will be no by pass arrangement of Transmission Line in case SCOD of LHEP1 come first.
- Reduction in implementation time & construction challenges in difficult terrain.

AA1.4 Based on the request of SJVN, a joint study meeting was held on 05.02.26 among CEA, CTU, Grid-India, RECPDCL, PSTCL, SJVN & NTPC to deliberate and finalize the Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW) (Minutes of meeting is enclosed in **Annexure-V**)

AA1.5 CTU stated that as Transmission system was already agreed in the 8th NCT meeting held on 25.03.2022 with Nange PS. Further in the CEA meeting held on 26.08.22 for finalization of location of pooling station near Nange, location of the pooling station was agreed in Ogli (Tehsil Sunni). Considering above, same Transmission system is proposed for evacuation of power from SDHEP and LHEP-I with additional ICT augmentation at Nange PS (3x315MVA ICT in place of earlier agreed 2x315MVA ICT). Results of system studies are also enclosed in **Exhibit-I.**

AA1.6 In the above Joint study meeting, proposal was re-examined and agreed with additional ICT augmentation at Nange PS w.r.t. approved scheme in 8th NCT meeting with revised timelines.

AA1.7 In meeting Grid-India & CTU requested SJVN to provide synchronous condenser capabilities in hydro generators. SJVN stated that they will revert on the same.

AA1.8 After the deliberations following proposal was agreed in Joint study meeting:

Proposed Modified Transmission Scheme (scheme is same as approved in 8th NCT meeting except addition of one 400/220kV ICT at Nange PS)

Sl. No.	Name of Scheme : Transmission system for evacuation of power from Sunni Dam HEP (SDHEP) & Luhri Stage-I HEP (LHEP-I)
1	Establishment of 10x105 MVA, 400/220kV Nange Pooling Station (GIS) along with 1x125 MVAR (420kV) Bus Reactor (1-Ph units along with one spare unit) • 315MVA, 400/220 kV ICT: 3 Nos. (10x105 MVA including 1 spare ICT) • 400kV ICT bays: 3 Nos. • 220 kV ICT bays: 3 Nos. • 420 kV, 125 MVAr Bus Reactor – 1 No.(4x41.67 MVAr including 1 spare Reactor)

	• 400 kV Bus Reactor bay- 1 No. • 400 kV Line Bays- 2 Nos. • 220kV Bus coupler- 1no. Future provisions: Space for • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 2 Nos. • 400 kV line bays along with switchable line reactor: 2 Nos. • 400 kV line bays: 2 Nos. • 220 kV line bays: 8 Nos. • 220kV bus sectionalizer: 1 set • 220kV Bus coupler- 1 no.
2	Nange (GIS) Pooling Station – Koldam 400 kV D/C line (Triple snowbird) (only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/C line) • Line length -50 km (Triple snowbird)
3	1 no. of 400kV line bay at Koldam S/S for termination of Nange (GIS) Pooling Station – Koldam 400 kV line along with 1x125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit) • 125 MVAR, 420kV Bus Reactor – 1 no. • 400kV Bus Reactor bay – 1 no. (To be terminated in existing line bay at Koldam, which would be available due to bypassing of one circuit of Koldam-Ropar/Ludhiana 400kV D/C line at Koldam s/s) • 400 kV Line Bay- 1 no.
4	Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/C line (Triple snowbird) at Koldam and connecting it with one of the circuit of Nange-Koldam 400kV D/C line (Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)
5	1x50 MVAR switchable line reactor at Ropar end of Nange-Ropar/ Ludhiana 400kV line ** • 400 kV, 50MVAr Line Reactor- 1 no. • 400 kV Reactor Bay- 1 no

***** PSTCL to confirm space for line reactor. In case of non-availability of space for line reactor, same will be deleted from scope of works.***

Estimated Cost : Rs 730 Cr

Timeframe : Nov'29 (matching with HEP generation schedule)

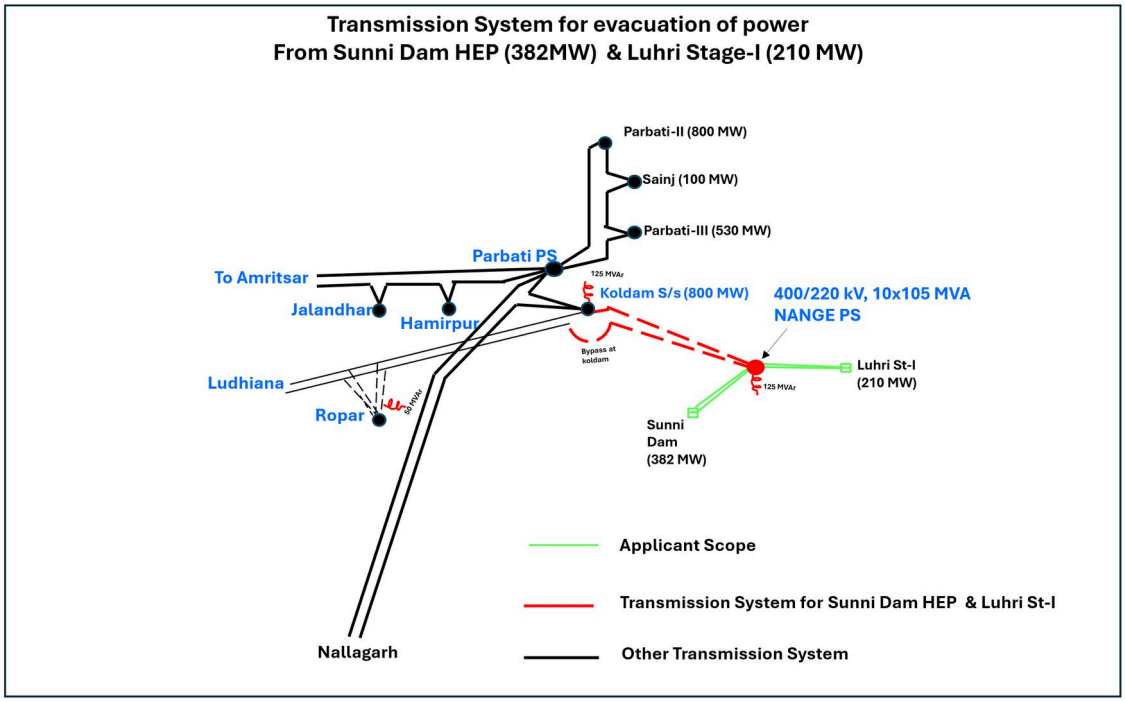

Fig: Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW)

Decision required from Forum:

NRPC to finalize the views on the above CTUIL proposals

AA.2 Capacity Building /Study Programmes on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (agenda by NRPC Secretariat)

AA2.1 NRPC Forum approved the capacity building program in 77th NRPC meeting held on 27-28 Dec, 2024. Extracts of MoM is attached as **Annexure-VI.**

AA2.2 Accordingly, NRPC Secretariat had sent DPR vide letter dated 28.01.2025. Further, queries of PSDF Secretariat was replied vide letter 28.05.2025 **Annexure-VII.**

AA2.3 NLDC vide letter no NLDC-PSDF/95th TESG/2025-26 dated 13.02.2026 (**Annexure-VIII**) has informed that TESG has recommended the proposal of NRPC on "Capacity Building /Study Programmes on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (Proposal No: 480)" at total estimated cost of **₹6.02 crores with GST**, and with eligible 70% grant (as decided by the 26th Monitoring Committee) under the clause 5.1(f) of PSDF guidelines i.e. ₹4.214 crores (including GST) to Appraisal

Committee of PSDF, subject to submission of the consent letter for acceptance of 70% funding from PSDF.

AA2.4 Accordingly, consent of NRPC forum is required for rest of the amount i.e. 30% of ₹6.02 crores with GST. As this amount is to be paid in next financial year, therefore it may be taken into consideration in budget estimate of FY 2026-27.

Decision required from Forum:

Forum may approve to incur expenditure of 1.806 Cr (with GST) from NRPC Fund in FY 2026-27 for Capacity Building /Study Programmes on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee.

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विद्युत प्रणाली योजना एवं मूल्यांकन - I प्रभाग
Power System Planning & Appraisal - I Division

सेवा में / To

-As per enclosed list-

विषय: "ट्रांसमिशन पर राष्ट्रीय समिति " (एनसीटी) की 8th बैठक की कार्यसूची |

Subject: Minutes of the 8th Meeting of "National Committee on Transmission (NCT)"

महोदया/ महोदय/Sir/Madam,

The 8th meeting of the "National Committee on Transmission" (NCT) was held on 25.03.2022 under the chairmanship of Chairperson, CEA& Chairman, NCT, through Video Conferencing (Microsoft Teams).The Minutes of the meeting are enclosed herewith.

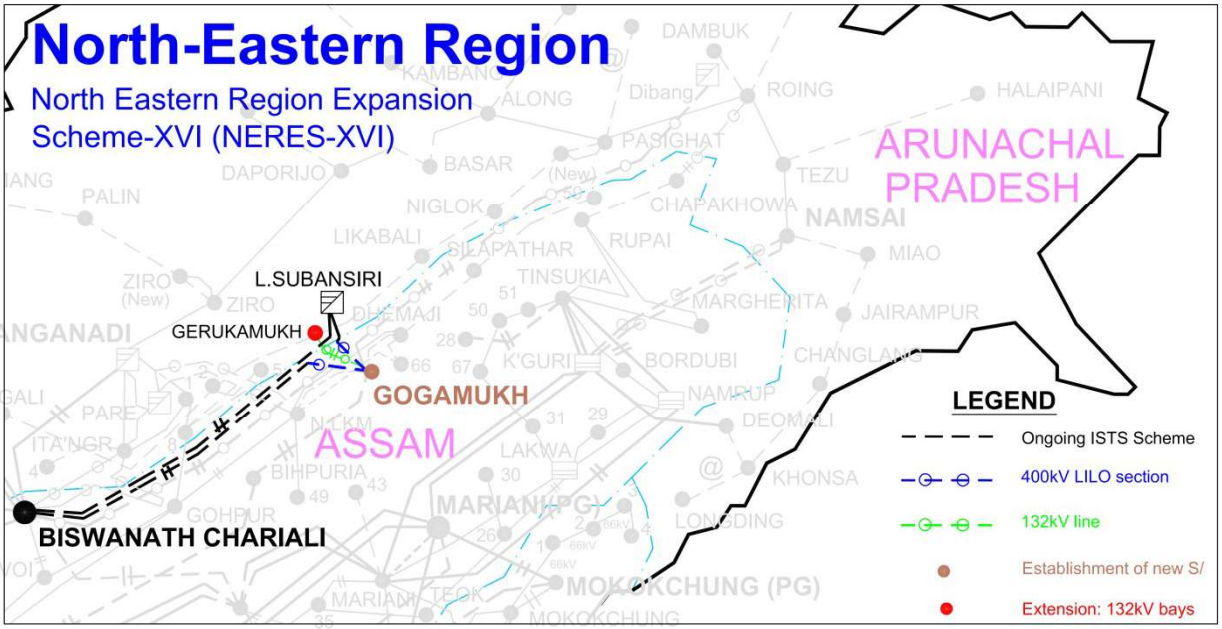
भवदीय,

रवीन्द्र गुप्ता 5/5/22

(रविंद्र गुप्ता /Ravinder Gupta)
मुख्य अभियन्ता/Chief Engineer & Convener (NCT)

Copy to:

(i) Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi-110001.



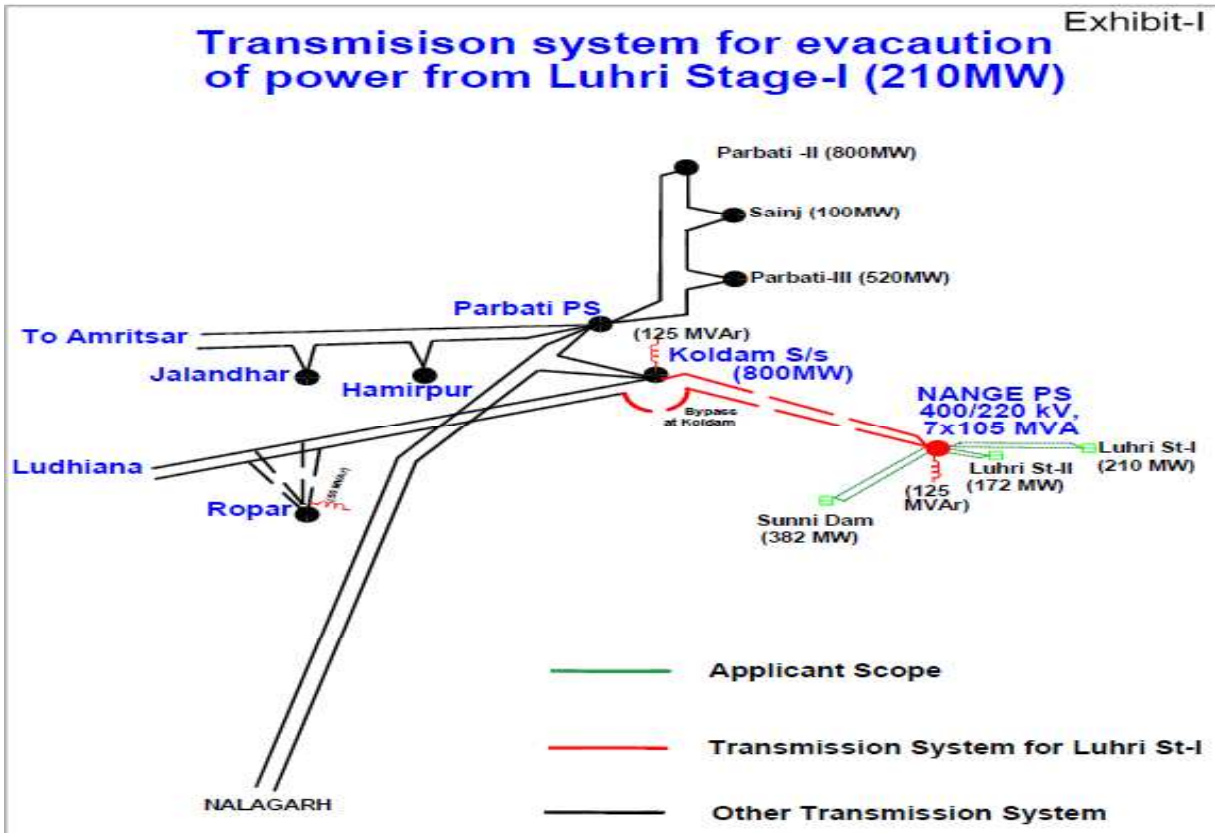
4.6.1. In view of commissioning timeframe of May'2029 for Dibang HEP (2880 MW) and proposal of Assam for intra-state system strengthening in the area where Gogamukh substation has been proposed, NCT deferred the proposal for further deliberation and review, if required.

4.7. Transmission system for evacuation of power from Luhri Stage-I HEP

4.7.1. The scheme has been proposed by CTU for evacuation of power from proposed Luhri Stage-I (210MW) HEP and will also facilitate interconnection of proposed Luhri-II (172 MW) & Sunni Dam (382 MW) near Shimla/Mandi/Kullu in HP with ISTS network. The SCOD of Luhri St-I (210 MW), Luhri St-II (172 MW) and Sunni Dam (382 MW) intimated by M/s SJVNL is April'25 onwards, Oct'27 onwards and Jan'27 onwards respectively. SJVN is also been granted LTA for Luhri HEP St-I (Target NR- 210 MW). The system was agreed in 3rd meeting of NRPC (TP) held on 19.02.2021.Identified dedicated transmission system each from Luhri-I/Luhri-II/Sunni Dam uptoNange PS shall be under the scope of SJVN/generation developer.

4.7.2. The scheme was taken up for discussion in the 5th meeting of NCT held on 25.08.2021 and 02.09.2021, wherein it was informed that NTPC has forwarded some observation regarding the availability of space at Koldam S/s (NTPC) for 2 nos. of 400kV line bays. Therefore, the scheme was deferred and decided to be taken up again after resolution of the issue. Subsequently, a joint site visit of 400/220kV Koldam S/s was held on 07.01.2022 by a team comprising officers from CEA, CTUIL, and NTPC& SJVN to assess the availability of space for 2 nos. of 400kV bays at Koldam (NTPC) which proposed two alternatives. For further deliberation on above alternatives, joint study meeting was held on 21.01.22 with CEA, CTU, POSOCO, NTPC, SJVNL, PSTCL and other STUs of Northern region. Based on detailed deliberations in above Joint Study meeting, transmission scheme for evacuation of power from Luhri St-I was finalized. Existing ISTS system beyond Koldam/Ropar would also facilitate transfer of power from Luhri-I HEP. Connectivity of existing 400kV Koldam (NTPC) S/s includes 400kV D/c line to Ludhiana (PG), which would be LILOed at Ropar (PSTCL) S/s in future (under implementation). 400kV Koldam S/s is also interconnected to Banala (Parbati PS) as well as Nallagarh S/s through 400kV line.

4.7.3. The revised scheme was discussed & agreed in 3rd Consultation Meeting for Evolving Transmission Schemes in Northern Region (CMETS-NR) held on 28.01.2022 and is depicted below:



4.7.4. As the estimated cost of the scheme lies between Rs 100 to 500 Crore, accordingly NCT approved the scheme for implementation through TBCB route.

S.no	Name of the scheme/est. cost	Decision of NCT	Purpose /Justification
1	Transmission system for evacuation of power from Luhri Stage-I HEP Est Cost: Rs. 432 Cr. **Implementation Timeframe**: Matching time frame of Luhri Stage-I HEP i.e. 24th April, 2025	• Approved • Implementation through **TBCB** mode.	For evacuation of power from proposed Luhri Stage-I (210MW) HEP. The scheme will also facilitate interconnection of proposed Luhri-II (172 MW) & Sunni Dam (382 MW) near Shimla/Mandi/ Kullu in HP with ISTS network

Detailed scope of the scheme is as given below:

Transmission system for evacuation of power from Luhri Stage-I HEP

Sl.	*Scope of the Transmission Scheme*	*Capacity /km*
1.	Establishment of 7x105 MVA, 400/220kV Nange GIS Pooling Station alongwith125 MVAR (420kV) Bus Reactor at Nange (GIS) PS(1-Ph units along with one spare unit) Future provisions: Space for • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 3 nos. • 400 kV line bays along with switchable line reactor: 3 nos. • 220 kV line bays: 10 nos	315MVA, 400/220kV ICT: 2 nos. (7x105 MVA including 1 spare ICT) 400kV ICT bays: 2 nos. 220kV ICT bays: 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no. 400 kV Line Bays- 2 nos.
2.	Nange (GIS) Pooling Station – Koldam 400 kV D/c line (Triple snowbird) (*only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/c line)*	40 km
3.	1 no. of 400kV line bay at Koldam S/s for termination of Nange (GIS) Pooling Station – Koldam 400 kV linealongwith125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit)	400 kV Line Bays- 2 nos. 400 kV, 125 MVAr Bus Reactor- 1 400 kV Bus Reactor bay- 1 no.
4.	Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/c line (Triple snowbird) at Koldam and connecting it with one of the circuit of Nange-Koldam 400kV D/c line(Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)	
5.	1x50 MVAR switchable line reactor at Ropar end of Nange- Ropar/ Ludhiana 400kV line	400 kV, 50MVAr Line Reactor- 1 400 kV Reactor Bay- 1 no.

Note:

(i) *NTPC to provide space for 400 kV line bays and Bus Reactor at Koldam S/stn*

(ii) The line lengths mentioned above are approximate as the exact length shall be obtained after the detailed survey

(iii) Implementation timeframe: Matching time frame of Luhri Stage-I HEP i.e. 24th April, 2025

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Power System Planning & Appraisal Division-II

सेवा में/To

As per list of Addresses

विषय : ट्रांसमिशन पर राष्ट्रीय समिति (एनसीटी) की चौदहवी बैठक का कार्यवृत - के सम्बन्ध में ।

Subject: Minutes of the 14th Meeting of National Committee on Transmission (NCT) – regarding.

महोदया (Madam) / महोदय (Sir),

The 14th meeting of the "National Committee on Transmission" (NCT) was held on 09th June, 2023. Minutes of the meeting are enclosed herewith.

भवदीय/Yours faithfully,

07.07.2023

(ईशान शरण / Ishan Sharan)
मुख्य अभियंता एवं सदस्य सचिव ,एनसीटी
/Chief Engineer & Member Secretary (NCT)

प्रतिलिपि / Copy to:

Joint Secretary (Trans), Ministry of Power, New Delhi

4.1.2 The revised scheme was also discussed in the 65th NRPC meeting held on 21.04.2023. During the NRPC meeting, MS, NRPC stated that all efforts may be made to reduce the time frame of the interim part to ensure that the generation is not stranded. Therefore, NRPC Forum recommended NCT to give consideration to generation project schedule and accordingly transmission system may be developed.

4.1.3 In the NCT meeting, CTUIL informed that based on the preliminary survey report for 400 kV Wangtoo-Panchkula D/c line, conductor in certain portion of the transmission line may need to be of different configuration (due to very high altitude encountered in certain sections) in order to avoid Corona inception gradient. The cost of the transmission scheme may also increase. Accordingly, CTUIL was requested to confirm change in conductor configuration if any along with revised cost of the scheme based on the survey report and submit the same within two weeks.

4.2 Revised timeframe of the transmission scheme "Transmission system for evacuation of power from Luhri Stage-I HEP"

4.2.1 The transmission system for evacuation of power from Luhri Stage-I HEP was agreed in the 8th meeting of NCT held on 25.03.2022 with the following scope of works:

Sl. No.	*Scope of the Transmission Scheme*	**Capacity/ Route length**
1.	Establishment of 7x105 MVA, 400/220 kV Nange GIS Pooling Station along with125 MVAR (420kV) Bus Reactor at Nange (GIS) PS (1-Ph units along with one spare unit) Future provisions: Space for • 400/220 kV ICTs (315 MVA with single phase units) along with associated bays: 3 Nos. • 400 kV line bays along with switchable line reactor: 3 Nos. • 220 kV line bays: 10 nos	315 MVA, 400/220 kV ICT: 2 Nos. (7x105 MVA including 1 spare ICT) 400 kV ICT bays: 2 Nos. 220 kV ICT bays: 2 Nos. 400 kV, 125 MVAR Bus Reactor-1 No. 400 kV Bus Reactor bay- 1 No. 400 kV Line Bays- 2 Nos.
2.	Nange (GIS) Pooling Station – Koldam 400 kV D/c line (Triple snowbird) (*only one circuit is to be terminated at Kol Dam while second circuit would be connected to bypassed circuit of Kol Dam – Ropar/Ludhiana 400 kV D/c line)*	Route length: 40 km
3.	1 No. of 400 kV line bay at Koldam S/s for termination of Nange (GIS) Pooling Station – Koldam 400 kV linealongwith125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit)	400 kV Line Bays- 2 Nos. 400 kV, 125 MVAR Bus Reactor-1 No. 400 kV Bus Reactor bay- 1 No.
4.	Bypassing one ckt of Koldam –	

Sl. No.	*Scope of the Transmission Scheme*	**Capacity/ Route length**
	Ropar/Ludhiana 400 kV D/c line (Triple snowbird) at Koldam and connecting it with one of the circuit of Nange- Koldam 400 kV D/c line(Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)	
5.	1x50 MVAR switchable line reactor at Ropar end of Nange- Ropar/ Ludhiana 400 kV line	400 kV, 50 MVAR Line Reactor- 1 No. 400 kV Reactor Bay- 1 No.

4.2.2 The above mentioned transmission scheme was notified in Gazette dated 02.06.2022 and RECPDCL was appointed as the BPC of the transmission scheme. The transmission scheme is currently under bidding with the implementation timeframe of 24.04.2025 (in matching timeframe of Luhri Stage-I HEP).

4.2.3 SJVNL vide letter dated 17.02.2023 informed that Luhri Stage-I HEP is likely to be commissioned by August, 2026, hence the time frame of Luhri Stage-I may be considered as 31.08.2026. The same was acknowledged in a meeting convened by CEA on 07.03.2023. Accordingly, it was decided that the timeframe of the transmission scheme "Transmission system for evacuation of power from Luhri Stage-I HEP", would be revised to 31st August, 2026.

4.2.4 NCT noted the same.

4.3 **Delinking of 400 kV Fatehgarh-II- Bhadla-III D/c line from transmission scheme "Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under Phase-III Part B1"**

4.3.1 The transmission scheme "Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under Phase-III Part B1" was agreed in the 5th meeting of the NCT held on 25.08.2021 and 02.09.2021, with the following scope of works:

- Establishment of 2x1500 MVA 765/400 kV & 3x500 MVA 400/220 kV pooling station at Bhadla-3
- Fatehgarh-2 PS – Bhadla-3 PS 400 kV D/c line
- Bhadla-3 PS – Sikar-II S/s 765 kV D/c line

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Power System Planning & Appraisal Division-II

सेवा में /To

As per list of Addresses

विषय: ट्रांसमिशन पर राष्ट्रीय समिति (एनसीटी) की बाईसवीं बैठक के कार्यवृत्त – के सम्बन्ध में ।

Subject: Minutes of the 22nd Meeting of National Committee on Transmission (NCT) – regarding.

महोदया (Madam) / महोदय (Sir),

The 22nd meeting of the "National Committee on Transmission" (NCT) was held on 23rd August, 2024, at CEA, New Delhi. Minutes of the meeting are enclosed herewith.

भवदीय/Yours faithfully,

Signed by Bhagwan Sahay Bairwa
Date: 01-09-2024 07:20:24

(बी.एस.बैरवा/ B.S. Bairwa)
मुख्य अभियन्ता (इंचार्ज) एवं सदस्य सचिव,एन.सी.टी./
Chief Engineer (I/C) & Member Secretary (NCT)

प्रतिलिपि / **Copy to:**

Joint Secretary (Trans), Ministry of Power, New Delhi-110001

Sr. No	Name of the Transmission Scheme	Noted/ Recommended / Approved	Mode of Implementation	BPC	Award/ Gazette notification
	10th), 400/220 kV ICTs at Tumkur (Pavagada) 400/220 kV Pooling Station in Karnataka and Implementation of 1 Nos. of 220 kV line bay at Tumkur (Pavagada) 400/220 kV PS for providing Connectivity to RE generation project				letter dated 21.08.2024 CTUIL forwarded the recommendations on 21.08.2024
8.	North-Eastern Region Expansion Scheme-XXV Part-B (NERES-XXV Part-B)	Approved	RTM	Not applicable	

2.2 Status of transmission schemes where modifications was suggested by NCT:

S. No.	Scheme where modifications was suggested	Status
1.	Modification of implementation schedule of one of the 400 kV bay of M/s Indosol Solar Pvt. Ltd. under the scheme "Transmission system strengthening at Kurnool-III PS for integration of additional RE generation projects"	Informed to PFCCL vide letter dated 21.08.2024
2.	Change in Implementation time-frame of Eastern Region Expansion Scheme-XXXIX (ERES-XXXIX)	Informed to RECPDCL vide letter dated 21.08.2024
3.	Modification in the scope of works of the transmissions scheme "Transmission Scheme for integration of Davanagere / Chitradurga REZ."	Informed to PFCCL vide letter dated 21.08.2024
4.	Modification in the Transmission scheme "Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part B".	Informed to RECPDCL vide letter dated 21.08.2024
4.	Denotification of the transmission scheme "Transmission system for evacuation of power from Chhatarpur SEZ (1500 MW) in Madhya Pradesh"	Informed to MoP vide letter dated 21.08.2024

3 Modifications in the earlier approved/notified transmission schemes:

3.1 Modification in Transmission system for evacuation of power from Luhri Stage-I HEP

3.1.1 Transmission system for evacuation of power from Luhri Stage-I HEP was discussed and agreed in the 8th NCT meeting held on 25.03.2022. Scheme was notified in Gazette dated 02.06.2022 with RECPDCL as the BPC of the transmission scheme. The transmission scheme is currently under bidding. Based on survey, location of ISTS Pooling station had been identified in Ogli Village.

3.1.2 During the course of bidding, the logistics issues in transportation of large size equipment was highlighted by bidders. In a meeting taken by Addl. Secretary (Trans), MoP on 07.06.2024 to discuss the Logistics issues in transportation of equipment for sub-station, SJVN suggested to shift the location of Nange (ISTS) Pooling Station (presently proposed at Ogli village) to a suitable location near Koldam (GIS) S/s adjacent to National Highway (NH) in order to remove the hurdles associated with transportation of heavy equipment. SJVN had also informed that they would bring 220 kV dedicated line from Luhri-I and Sunni Dam HEP to the new ISTS Pooling station near Koldam. Further, SJVN informed that that the new location of ISTS Pooling station would be about 6-7 kms (BEE length) from Koldam HEP switchyard as per initial survey. Accordingly, MoP directed that the location of pooling station may be kept as per suggestions of SJVNL. Based on preliminary survey by BPC in association with SJVNL, some locations for the pooling station were identified near Koldam (GIS) S/s.

3.1.3 The proposal was further deliberated in 20th NCT meeting held on 25.06.24, wherein it was stated that in view of revised location of Pooling station (near Koldam), line length of Pooling station (near Koldam)-Ropar section is reduced and therefore 50 MVAr line reactor at Ropar S/s is not required due to reactive over compensation (~95%). Overall there will be reduction in cost of the scheme from Rs. 432 Cr to Rs. 305 Cr. After deliberations, NCT approved modified Transmission system for evacuation of power from Luhri Stage-I HEP scheme.

3.1.4 Subsequently, the proposal for finalistaion of the location of pooling station was deliberated with HPPTCL, as HPPTCL may draw power from the proposed pooling station in future. HPPTCL had apprehension that the proposed locations near Koldam (GIS) S/s have openings only on two sides and it will be very difficult to construct line in future from the proposed location. Accordingly, HPPTCL suggested to locate the pooling station in Bilaspur area. Hence, BPC carried out detailed survey and identified the location of pooling station in Bilaspur. The proposed location was jointly agreed in a meeting between CEA, CTUIL, SJVNL, HPPTCL and BPC. Accordingly, modification in the transmission scheme was proposed wherein instead of Nange (GIS) Pooling Station – Koldam 400 kV D/c line (only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400 kV D/C line), LILO of one circuit of Koldam – Ropar/Ludhiana 400 kV D/C line at Pooling station (now near Bilaspur) was proposed.

3.1.5 As per HPM Division, CEA, Luhri I HEP is likely to be commissioned in May, 2027.

3.1.6 After deliberations, NCT approved the modifications in transmission scheme "Transmission system for evacuation of power from Luhri Stage-I HEP" as follows with implementation timeframe of May, 2027:

Sl. No.	Approved Scope of Transmission Scheme (As per 20th NCT)	Modified Transmission Scheme
1	Establishment of 7x105 MVA, 400/220 kV **Pooling Station near Koldam** (**GIS)** along with 125 MVAR (420 kV) Bus Reactor (1-Ph units along with one spare unit) • 315MVA, 400/220 kV ICT: 2 Nos. (7x105 MVA including 1 spare ICT) • 400 kV ICT bays: 2 Nos. • 220 kV ICT bays: 2 Nos. • 400 kV, 125 MVAr Bus Reactor – 1 No. • 400 kV Bus Reactor bay- 1 Nos. • 400 kV Line Bays- 2 Nos. Future provisions: Space for • 400/220 kV ICTs (315 MVA with single phase units) along with associated bays: 3 Nos. • 400 kV line bays along with switchable line reactor: 3 Nos. • 220 kV line bays: **10 Nos.** • 220 kV bus sectionalizer: 1 set	Establishment of 7x105 MVA, 400/220 kV **Pooling Station near Bilaspur** (**GIS)** along with 125 MVAR (420 kV) Bus Reactor (1-Ph units along with one spare unit) • 315MVA, 400/220 kV ICT: 2 Nos. (7x105 MVA including 1 spare ICT) • 400 kV ICT bays: 2 Nos. • 220 kV ICT bays: 2 Nos. • 400 kV, 125 MVAr Bus Reactor – 1 No. • 400 kV Bus Reactor bay- 1 Nos. • 400 kV Line Bays- 2 Nos. Future provisions: Space for • 400/220 kV ICTs (315 MVA with single phase units) along with associated bays: 3 Nos. • 400 kV line bays along with switchable line reactor: 3 Nos. • 220 kV line bays: **8 Nos.** • 220 kV bus sectionalizer: 1 set
2	Pooling Station near Koldam (GIS)–Koldam (NTPC) 400 kV D/C line (Triple snowbird) (only one circuit is to be terminated at Koldam(NTPC) while second circuit would be connected to bypassed circuit of Koldam(NTPC) – Ropar/Ludhiana 400 kV D/C line) – 7 km	**LILO of one ckt of 400 kV Koldam (NTPC) – Ropar (Triple snowbird) D/c line at Pooling Station near Bilaspur (GIS)– 1 km**
3	1 no. of 400 kV line bay at Koldam S/s for termination of Pooling Station near Koldam (GIS)– Koldam(NTPC) 400 kV line along with 125 MVAR (420 kV) Bus Reactor at Koldam(NTPC) S/s (1-Ph units along with one spare unit) • 400 kV Line Bay- 1 no. • 400 kV, 125 MVAr Bus Reactor# - 1 no. (to be terminated in existing line bay at Koldam(NTPC), which would be available due to bypassing of one circuit of Koldam – Ropar/Ludhiana	**1x125 MVAR (420 kV) Bus Reactor at Koldam(NTPC) S/s (1-Ph units along with one spare unit)** • **125 MVAR, 420 kV Bus Reactor – 1 No.** • **400 kV Bus Reactor bay – 1 No**.

Sl. No.	Approved Scope of Transmission Scheme (As per 20th NCT)	Modified Transmission Scheme
	400 kV D/c line at Koldam(NTPC) S/s)	
4	Bypassing one ckt of Koldam(NTPC) – Ropar/Ludhiana 400 kV D/C line (Triple snowbird) at Koldam(NTPC) and connecting it with one of the circuit of **Pooling Station near Koldam (GIS)–** Koldam(NTPC) 400 kV D/c line (Triple snowbird), thus forming **Pooling Station near Koldam –** Ropar/ Ludhiana one line (Triple snowbird)	**-To be Deleted -**
	Estimated Cost : Rs 305 Cr	**Estimated Cost : Rs 242 Cr**

3.2 **Transmission system for evacuation of power from Shongtong Karcham HEP (450 MW) and Tidong HEP (150 MW)**

3.2.1 MoP vide Gazette Notification dated 13.04.2023 has notified the transmission scheme "Transmission system for evacuation of power from Shongtong Karcham HEP (450 MW) and Tidong HEP (150 MW)". The scheme was agreed in two phases and the broad scope of the transmission scheme is as follows:

Phase I (with Tidong HEP (150 MW): 1st July, 2026)-

(i) Establishment of 2x315 MVA (7x105 MVA 1-ph units including a spare unit) 400/220 kV GIS Pooling Station at Jhangi

(ii) 400 kV Jhangi PS – Wangtoo D/c line

Phase-II (with Shongtong HEP (450 MW): 31st July, 2026)-

(i) LILO of one circuit of Jhangi PS – Wangtoo 400 kV D/c (Quad) at Shongtong HEP Switchyard

(ii) Panchkula- Point PW** 400 kV D/c (twin HTLS) along with 80 MVAr switchable line reactor at Panchkula end on each circuit

(iii) Point PW** – Wangtoo (HPPTCL) 400 kV D/c line (Quad)

** Point PW : First point of 2000 m altitude of Panchkula-Wangtoo line from Panchkula end

3.2.2 Bidders and EPTA have been requesting to increase the implementation timeframe of the scheme from 24 months to 36-40 months, stating that only 6-7 months working period is available in a year, hilly terrain, logistics issue, forest clearance required for sub-station land etc.

एसजेवीएन लिमिटेड
SJVN Limited
(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)
(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)
मिनी रत्न एवं अनुसूची 'ए' पी. एस. यू.
A 'Mini Ratna' & Schedule 'A' PSU
CIN: L4010HP1988GOI008409

सं: एसजेवीएन/सीएचक्यू/सीपी/एमओपी/-5717 **15** जनवरी, **2026**

To

The Joint Secretary (Hydro)
Govt of India,
Ministry of Power,
Shram Shakti Bhawan
New Delhi-110001

Sub: "Request for Reconsideration of OGLI as Pooling Station for Combined Evacuation of Power from 210 MW Luhri Stage-I HEP (*LHEP-I*) & 382 MW Sunni Dam HEP (*SDHEP*)" – regarding.

References: -

A. MoP Minutes dated 13.06.2024
B. 20th NCT Minutes dated 25.06.2024
C. 22nd NCT Minutes dated 23.08.2024
D. 33rd CMETS dated 05.08.2024
E. CEA minutes dated 29.08.2024

Respected Sir,

In continuation to the above-referred letters/minutes, it is submitted that the Associated Transmission System (ATS) for the 210 MW Luhri Stage-I HEP (LHEP-I) and 382 MW Sunni Dam HEP (SDHEP) was revised in line with the discussions held among various stakeholders and authorities. Further, reference is invited to the meeting held on 07.06.2024 under the chairmanship of Additional Secretary (*R&R and Transmission*), wherein, considering the SCOD of LHEP-I as 01.12.2026 and the road widening works to be undertaken by Himachal Pradesh PWD which is expected to take approximately 2.5 to 3 years, the location of pooling station was shifted from OGLI to near KOLDAM which is accessible by existing National Highway. Accordingly, the location of the ISTS Pooling Station was finalised at Bharampukhar, District Bilaspur, Himachal Pradesh as per the CEA Minutes of Meeting dated 29.08.2024.

SJVN has again reviewed the current progress of the 382 MW SDHEP and 210 MW LHEP-I after taking into consideration present site-specific constraints, the revised SCODs of the projects are as under:

Sr. No.	Project	Date of 1st Unit SCOD of Project	Date of SCOD of Project
1	382 MW SDHEP	15.10.2029	15.12.2029
2	210 MW LHEP-I	01.11.2029	31.12.2029

कारपोरेट मुख्यालय: शक्ति सदन, शनान,
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The road widening works from Sunni to Khaira (*approx.12 km*) is presently on full swing under the deposit work to PWD, Govt of HP and the road widening from Khaira to Ogli (*approx.10 km)* will also be completed in next 02 years subsequently under deposit work to HPPWD, GoHP.

The shifting of ISTS Pooling Station from Brahampukhar to OGLI will be beneficial to SJVN in many ways as brief below:

I. The 220KV transmission line length will considerably reduce from 94Km to 44Km for evacuation of power of both Projects.

II. Twin Moose conductor from Sunni Dam HEP to Ogli (10Km) in place of Twin Bersimis Conductor from Sunni Dam HEP to Brahampukhar (50Km).

III. Lower ROW & Forest Clearance issues.

IV. There will be no requirement of Pot Head Yard-II at Sunni HEP along with associated GIS Bays.

V. There will be no by pass arrangement of Transmission Line in case SCOD of LHEP-1 come first.

VI. Reduction in implementation time & construction challenges in difficult terrain.

Therefore, considering present status of road widening from Sunni to Khaira and revised SCODs of LHEP-I and SDHEP, it is submitted that a considerable time span of approximately 04 years is still available for completion of all associated activities prior to the commissioning of the projects. The concerns of SJVN in this regard were also conveyed during the VC meeting held on 13.01.2026 to the associated stakeholders i.e. CEA, CTUIL and PSPTCL.

In view of the above, it is humbly requested to kindly reconsider the earlier proposed location of the pooling station at OGLI for combined evacuation of power from 210 MW LHEP-I and 382 MW SDHEP in the best interest of the Projects.

This issues with the approval of CMD.

Thanks & Best Regards,

On behalf of SJVN Ltd.

(Ajay Kumar Singh)
Executive Director/HoD 15/01/26
Corporate Planning Deptt.

Distribution: -

I. Chief Engineer (I/C), PSPA-I, Central Electricity Authority, New Delhi
II. Chief Executive Officer, RECPDCL, New Delhi
III. Sr. GM, CTUIL, New Delhi
IV. Managing Director (HPPTCL), Tutikandi, Panjari, Himachal Pradesh 171005, for kind information, please.

Annexure-V

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)
(भारत सरकार का उद्यम)
CENTRAL TRANSMISSION UTILITY OF INDIA LTD.
(A wholly owned subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref: CTU/N/Luhri-Sunni Modification **Date:** 12.02.2026

As per distribution list

Subject: Minutes of meeting for Joint study meeting held on 05.02.2026 to finalize the Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW)

Dear Sir/Ma'am,

Please find enclosed Minutes of meeting for Joint study meeting held on 05.02.2026 to finalize the Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW) on virtual mode.

Thanking you,

Yours faithfully,

12/2/2026

(R V M M Rao)
Chief General Manager (CTUIL)

Distribution List:

Chief Engineer (PSP&A – I) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110 066	**Director (SO)** Grid Controller of India Limited (erstwhile POSOCO) 9th Floor, IFCI Towers, 61, Nehru Place, New Delhi-110 016
Executive Director Northern Regional Load Despatch Centre 18-A, Qutab Institutional Area, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi– 110 016	**Director (Technical)** Punjab State Transmission Corporation Ltd. Head Office, The Mall, Patiala 147001, Punjab
Shri Kura Ravi Kumar Addl GM PE Electrical NTPC Limited NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, Delhi	**Shri Ajay Kumar Singh** Executive Director/HoD SJVN Limited Shakti Sadan, Shanan, Shimla Himachal Pradesh(171006)

Minutes of Joint study meeting to finalize the "Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW)"

A joint study meeting was held on 05.02.26 among CEA, CTU, Grid-India, RECPDCL, PSTCL, SJVN & NTPC to deliberate on revised proposal of Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW). List of participants is enclosed in **Annexure A**.

Background

Transmission system for evacuation of power from Luhri Stage-I HEP was discussed and agreed in the 8th NCT meeting held on 25.03.2022. Scheme was notified by CEA vide Gazette dated 02.06.2022 and RECPDCL was appointed as the BPC of the transmission scheme. The timeframe of the above transmission scheme was revised to 31st August 2026 in the 14th NCT meeting held on 09.06.2023.

Subsequently, proposal was further deliberated in 20th NCT meeting held on 25.06.2024 considering the new location of ISTS Pooling station which would be about 6-7 kms (BEE length) from Koldam HEP switchyard as per initial survey.

Further to finalize the suitable location for the ISTS Pooling station near Koldam, various meetings among stakeholders were convened to finalize the location of proposed Pooling station. In this regard, a meeting was held on 15.07.2024, wherein RECPDCL was directed to explore alternative locations near Bilaspur for the proposed 400/220 kV ISTS Koldam pooling station. Accordingly, RECPDCL carried out the survey works in consultation with HPPTCL & SJVN and identified feasible land location alternatives.

Subsequently, CEA vide mail 30.07.2024 informed that, in the meeting held on 25.07.2024 wherein location for establishment of pooling station under the transmission scheme "Establishment of Inter- State Transmission System for Evacuation of Power from Luhri Stage-I HEP" was finalized near Bilaspur area (HP). Accordingly, modification in the scheme was also proposed wherein instead of Nange (GIS) Pooling Station – Koldam 400 kV D/C line (only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/C line), LILO of one circuit of Koldam – Ropar/Ludhiana 400kV D/C line at Pooling station (now near Bilaspur) was proposed.

In view of new proposed location near Bilaspur and above proposal, studies were again carried out and proposal was agreed in 22nd NCT meeting held on 23.08.2024. At present, Transmission scheme is already under bidding stage.

Deliberation in Joint study Meeting held on 05.02.2026:

CTU informed that M/s SJVN vide letter dated 28.10.2025 (copy of letter attached in **Annexure-1**) updated about the current progress of the 382MW Sunni Dam HEP (SDHEP) and Luhri St-I (LHEP-I). In the letter, SJVN mentioned that based on site specific constraints at the respective project sites, the construction schedule has been revised for Luhri Stage-I (382MW) and Sunni Dam HEP (210MW) as under :

- Sunni Dam HEP (SDHEP: 382MW) – 31.10.29 (1st unit), SCOD : 31.12.29
- Luhri St-I (LHEP-I: 210MW) – 03.01.30 (1st unit), SCOD : 28.02.30

To deliberate on above proposal by SJVN, a meeting was convened among CEA, CTU, Grid-India, SJVN & PSTCL on 13.01.2026. In the meeting, SJVN requested to reconsider the earlier approved scheme as per 8th NCT with Ogli Pooling Station for combined evacuation of power from 210MW Luhri Stage-I HEP and 382MW Sunni Dam HEP. CEA and CTU requested SJVN

to confirm the same through letter to all concerned agencies. In the meeting, it was decided that proposal will be re-evaluated after confirmation from SJVN.

Subsequently, SJVN vide letter dated 15.01.2026 confirmed their request for reconsideration of Ogli as pooling station for evacuation of power from 210MW Luhri Stage-I HEP (LHEP-I) and 382MW Sunni Dam HEP (SDHEP) (copy of SJVN's letter is attached as **Annexure-2**). In the same letter, SJVN again revised the SCODs of 382 MW SDHEP and 210 MW LHEP-I as under:

Sr. No.	Project	Date of 1st Unit SCOD of Project	Date of SCOD of Project
1	382 MW SDHEP	15.10.2029	15.12.2029
2	210 MW LHEP-I	01.11.2029	31.12.2029

In the same letter dated 15.01.2026, SJVN also highlighted that the road widening works from Sunni to Khaira (approx. 12 km) is presently on full swing under the deposit work to PWD, Govt of HP and the road widening from Khaira to Ogli (approx. 10 km) will also be completed in next 02 years subsequently under deposit work to HPPWD, GOHP.Therefore, considering present status of road widening from Sunni to Khaira and revised SCODs of LHEP-I and SDHEP & considerable time span of approximately 04 years is still available for completion of all associated activities prior to the commissioning of the projects, SJVN requested for reconsideration of Ogli as pooling station.

SJVN also highlighted the benefits of the shifting of ISTS Pooling Station from Brahampukhar to Ogli (Nange) as below:

- The 220 kV transmission line length will considerably reduce from 94 km to 44 km for evacuation of power of both Projects.
- Twin Moose conductor from Sunni Dam HEP to Ogli (10 km) in place of Twin Bersimis Conductor from Sunni Dam HEP to Brahampukhar (50Km).
- Lower RoW & Forest Clearance issues.
- There will be no requirement of Pot Head Yard-II at Sunni HEP along with associated GIS Bays.
- There will be no by pass arrangement of Transmission Line in case SCOD of LHEP1 come first.
- Reduction in implementation time & construction challenges in difficult terrain.

In the meeting, SJVN reiterated their request to reconsider the earlier approved Ogli Pooling station for evacuation of power from 210 MW LHEP-I and 382 MW SDHEP in the best interest of the Projects.

SJVN informed that Hydro generators are normally designed to run continuously for 10% overloaded capacity for appreciable time duration (4-5 months). Accordingly, CTUIL may plan system considering the overload capacity of HEPs.

Regarding this, CTUIL informed that transmission system for any generation project is planned for the corresponding connectivity quantum to ISTS. As SJVN had applied for connectivity of 210MW (LHEP-I) and 382MW (SDHEP), hence transmission system will be planned for evacuation of 592 MW (210+382MW). However, additional power of overloaded capacity may be evacuated based on the availability in real time margins in system. Further as connectivity is already granted to M/s SJVN with 220 kV bays at both the ends under applicant scope for both Luhri-I & Sunni Dam HEPs, it is not permissible to change the 220kV bay scope at this stage as per Regulations.

In the meeting, NTPC enquired about the requirement of 400 kV bays at Koldam (NTPC) S/s for transmission scheme planned with Nange PS. Regarding this, CTUIL clarified that no new 400kV bays are required as part of scheme(with Nange PS) which was earlier approved in 8th NCT meeting. CTUIL further clarified that, as per approved scheme(with Nange PS), only one circuit of 400kV Nange (GIS) PS – Koldam D/c line is to be terminated at Koldam S/s while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/c line. One no of 400kV bay required for 125MVAr Bus reactor at Koldam S/s was already confirmed by NTPC at the time of approval of the earlier scheme(with Nange PS).

CEA requested RECPDCL to carry out route survey/site visits for HEP power evacuation scheme planned with Nange PS as earlier survey was carried out about 3 years ago. RECPDCL informed that the earlier surveys were done by CTUIL and fresh route survey shall be required. CEA & CTUIL requested RECPDCL to carry out survey w.r.t. Nange PS at the earliest and in case any major discrepancy arises w.r.t earlier survey done than same may be discussed in a separate meeting before next NCT meeting. RECPDCL agreed on the same.

Further RECPDCL in consultation with SJVN shall discuss & figure out logistics related issues, if any to ensure timely completion of transmission project in matching timeframe of generation HEPs. RECPDCL and SJVN agreed to do the same.

In the 33rd CMETS-NR meeting held on 05.08.2024, PSTCL stated that considering Luhri St-I generation as well as Sunni Dam (382 MW) generation and no thermal generation at Ropar GGSSTP, Ropar ICTs will become N-1 non-compliant.

In the meeting CTU stated that as per planning studies, with combined generation of LHEP-I and SDHEP, 400/220KV ICTs at Ropar become N-1 non-compliant considering no thermal generation at Ropar GGSSTP. In present meeting CEA and CTU advised PSTCL to take up the 400/220kV ICT augmentation at Ropar substation in matching timeframe of proposed transmission scheme or earlier based on their drawl requirements. PSTCL agreed for the same.

PSTCL stated that as part of power evacuation scheme planned with Nange PS, 1x50 MVAr switchable line reactor at Ropar end of Nange-Ropar/ Ludhiana 400kV line is proposed. PSTCL highlighted that there will be issue for space of line reactor for the above-mentioned line, however they will confirm the same in discussion with their management. Further PSTCL stated that space for additional 400kV bus reactor & 400/220kV ICT at Ropar S/s is feasible.

CTUIL & CEA requested PSTCL that in case space for line reactor is not available at Ropar S/s then PSTCL may install bus reactor as part of intra state scheme to mitigate high voltage issue in Punjab. PSTCL agreed to explore the possibility of installing a bus reactor.

Grid-India enquired about the type of conductor for 400kV Nange-Koldam line. Regarding this, CTUIL informed that as the existing 400 kV Koldam-Ropar/Ludhiana line is Triple snowbird which is being bypassed at Koldam, the proposed 400kV Nange-Koldam D/c line shall also be of same conductor configuration/type. Further it will also help in carrying out future evacuation/drawl requirement. Grid-India also requested SJVN to ensure synchronous capabilities in their Luhri St-I & Sunni Dam Hydro generators. CTU endorsed the views of Grid-India. SJVN replied that they will discuss synchronous capabilities in hydro generators with their management and revert on the same.

CTU stated that as Transmission system was already agreed in the 8th NCT meeting held on 25.03.2022 with Nange PS. Further in the CEA meeting held on 26.08.22 for finalization of location of pooling station near Nange, location of the pooling station was agreed in Ogli (Tehsil Sunni). Considering above, same Transmission system is proposed for evacuation of power from SDHEP and LHEP-I with additional ICT augmentation at Nange PS (3x315MVA ICT in

place of earlier agreed 2x315MVA ICT). Results of system studies are also enclosed in Exhibit-I.

After the deliberations following proposal was agreed in Joint study meeting :

Modified Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW)

Sl. No.	Approved Scope of Transmission Scheme (As per 22nd NCT)	Proposed Modified Transmission Scheme (scheme is same as approved in 8th NCT meeting except addition of one ICT at Nang PS)
	Name of Scheme: Transmission system for evacuation of power from Luhri Stage-I HEP	Name of Scheme : Transmission system for evacuation of power from Sunni Dam HEP (SDHEP) & Luhri Stage-I HEP (LHEP-I)
1	Establishment of 7x105 MVA, 400/220kV Pooling Station near Bilaspur (GIS) along with 125 MVAR (420kV) Bus Reactor (1-Ph units along with one spare unit) • 315MVA, 400/220 kV ICT: 2 Nos. (7x105 MVA including 1 spare ICT) • 400kV ICT bays: 2 Nos. • 220 kV ICT bays: 2 Nos. • 400 kV, 125 MVAr Bus Reactor – 1 No. • 400 kV Bus Reactor bay- 1 No. • 400 kV Line Bays- 2 Nos. Future provisions: Space for • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 3 Nos. • 400 kV line bays along with switchable line reactor: 3 Nos. • 220 kV line bays: 8 Nos. • 220kV bus sectionalizer: 1 set	Establishment of 10x105 MVA, 400/220kV Nange Pooling Station (GIS) along with 1x125 MVAR (420kV) Bus Reactor (1-Ph units along with one spare unit) • 315MVA, 400/220 kV ICT: 3 Nos. (10x105 MVA including 1 spare ICT) • 400kV ICT bays: 3 Nos. • 220 kV ICT bays: 3 Nos. • 420 kV, 125 MVAr Bus Reactor – 1 No.(4x41.67 MVAr including 1 spare Reactor) • 400 kV Bus Reactor bay- 1 No. • 400 kV Line Bays- 2 Nos. • 220kV Bus coupler- 1no. Future provisions: Space for • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 2 Nos. • 400 kV line bays along with switchable line reactor: 2 Nos. • 400 kV line bays: 2 Nos. • 220 kV line bays: 8 Nos. • 220kV bus sectionalizer: 1 set • 220kV Bus coupler- 1 no.
2	LILO of one ckt of 400kV Koldam (NTPC) – Ropar (Triple snowbird) D/c line at Pooling Station near Bilaspur (GIS) • LILO length -1km	Nange (GIS) Pooling Station – Koldam 400 kV D/C line (Triple snowbird) (only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/C line)

		• Line length -50 km (Triple snowbird)
3	1x125 MVAR (420kV) Bus Reactor at Koldam(NTPC) S/s (1-Ph units along with one spare unit) • 125 MVAR, 420kV Bus Reactor – 1 no. • 400kV Bus Reactor bay – 1 no.	1 no. of 400kV line bay at Koldam S/S for termination of Nange (GIS) Pooling Station – Koldam 400 kV line along with 1x125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit) • 125 MVAR, 420kV Bus Reactor – 1 no. • 400kV Bus Reactor bay – 1 no. (To be terminated in existing line bay at Koldam, which would be available due to bypassing of one circuit of Koldam-Ropar/Ludhiana 400kV D/C line at Koldam s/s) • 400 kV Line Bay- 1 no.
		Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/C line (Triple snowbird) at Koldam and connecting it with one of the circuit of Nange-Koldam 400kV D/C line (Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)
		1x50 MVAR switchable line reactor at Ropar end of Nange-Ropar/ Ludhiana 400kV line ** • 400 kV, 50MVAr Line Reactor- 1 no. • 400 kV Reactor Bay- 1 no

***** PSTCL to confirm space for line reactor. In case of non-availability of space for line reactor, same will be deleted from scope of works.***

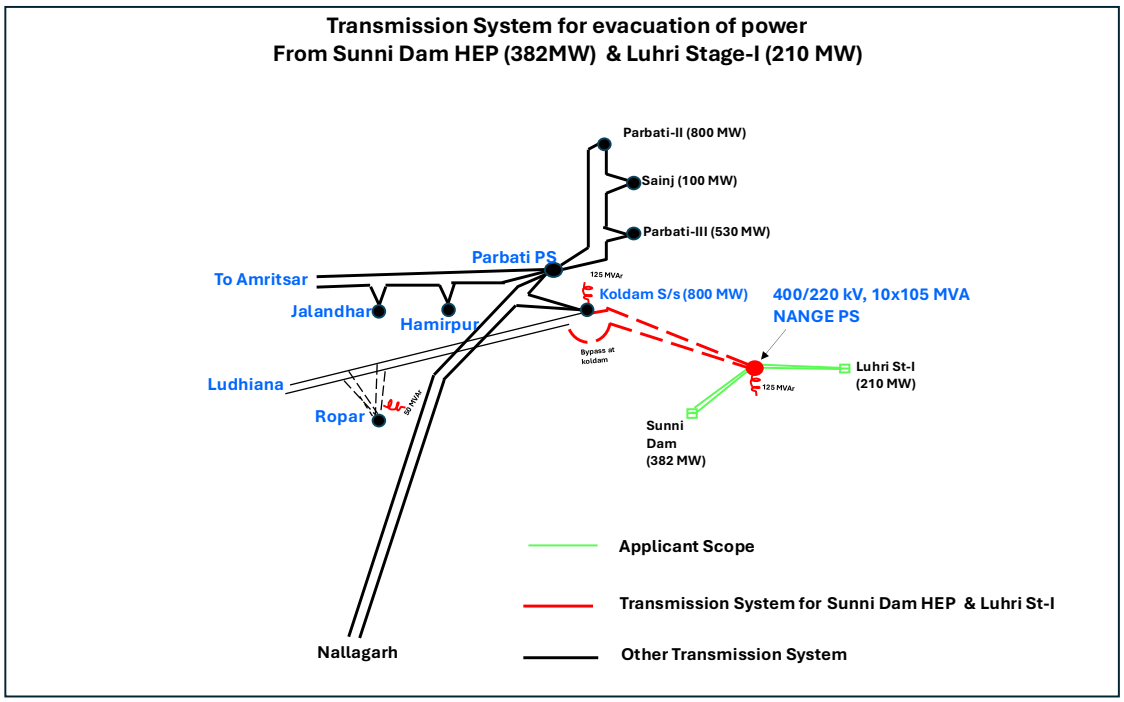


Fig: Transmission scheme for evacuation of power from Sunni Dam HEP (382MW) & Luhri Stage-I (210MW)

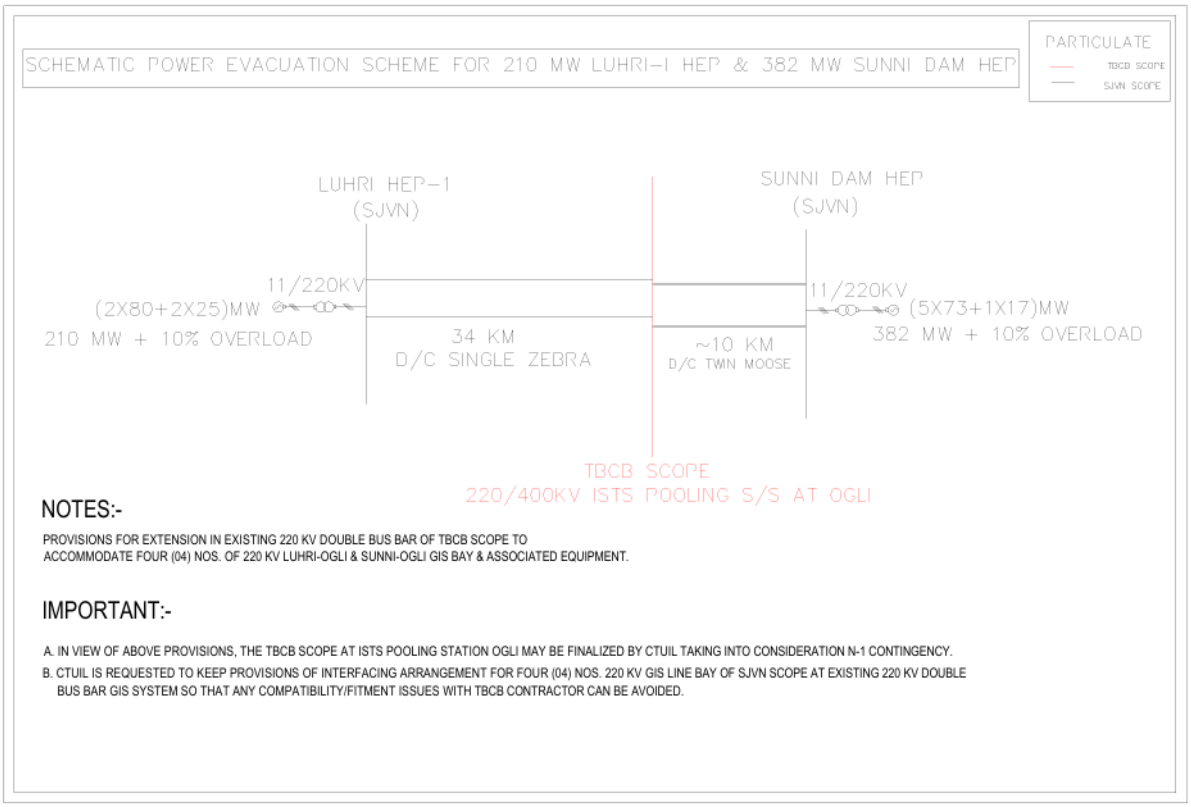


Fig: Schematic for interconnection of Luhri St-1, Sunni dam HEP & Nange PS

Annexure A

List of Participants of meeting held on 05.02.2026

CEA

Shri Nitin Deswal	Dy. Director

Grid India

Shri Gaurav Singh	Ch. Manager, NRLDC

CTUIL

Shri Sandeep Kumawat	DGM
Shri Rakesh Kumar	Ch. Manager
Shri Shyam Sunder Goyal	Ch. Manager
Shri Madhusudan Meena	Engineer
Shri Kunal Kumar	Engineer
Shri Rishabh Bansal	Engineer

PSTCL

Shri Nitin Kumar	Sr. XEN/Planning-1

SJVNL

Shri Prakash	GM
Shri Hans Raj	DGM
Shri D.K. Singh	

NTPC

Shri Kura Ravi Kumar

Shri Atul Kapil

RECPDCL

Shri Ashwani Kumar

एसजेवीएन लिमिटेड
SJVN Limited
(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)
(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)
नवरत्न सी. पी. एस. ई.
A Navratna CPSE
CIN No : L40101HP1988GOI008409

संदर्भ: एसजेवीएन/ सीएचक्यू/सीएवंएसओ /03101/- 1429-30 दिनाँक: 28/10/2025

चीफ ऑपरेटिंग अफसर
सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड,
फ्लोर 5-10, टॉवर 1, प्लॉट संख्या 16,
इरकॉन इंटरनेशनल टॉवर,
इंस्टीट्यूशनल एरिया, सेक्टर 32,
गुरुग्राम, हरियाणा – 122001

Subject: Request for Change in Location of Pooling Station and Connectivity for Luhri Stage-I and Sunni Dam HEPs

Reference:

1. **Minutes of 20th / 22nd meeting of National Committee on Transmission (NCT)**
2. **Minutes of 33rd Consultation Meeting for Evolving Transmission Schemes held on 05.08.2024**
3. **CEA Minutes of the Meeting dated 29.08.2024.**
4. **Minutes of MoP Meeting held on 07.06.2024**
5. **Granted Connectivity for Luhri Stage-I HEP (210 MW) vide application no. 1200000525 and Sunni Dam HEP (382 MW) vide application no. 1200001720**
6. **Deemed GNA of Luhri Stage-1 HEP vide application no. 1200002608 and Sunni Dam HEP vide application no. 1200001720**
7. **SJVN/CHQ/C&SO/03101-555 dtd. 21.04.2025**

Respected Sir,

In continuation of the deliberations held in various meetings referred above, and pursuant to the observations and recommendations recorded in the CEA meeting held on 25.07.2024 (minutes issued on 29.08.2024), the Associated Transmission System (ATS) for Luhri Stage-I and Sunni Dam HEPs was revised after detailed discussions with various stakeholders and authorities. The location of the ISTS Pooling Station was accordingly finalized at **Brahampukhar District Bilaspur, Himachal Pradesh**.

In this regard, it is informed that the current progress of the 382 MW SDHEP and 210 MW LHEP-I has been reviewed by SJVN based on the site-specific constraints at the respective project sites.

Accordingly, the construction schedule has been revised and the SCOD of the projects has been finalized as under:

Sr. No.	Project	Date of 1st Unit SCOD of Project	Date of SCOD of Project
1	382 MW SDHEP	31.10.2029	31.12.2029
2	210 MW LHEP-I	03.01.2030	28.02.2030

In view of above, it is requested to kindly revise the connectivity of Luhri Stage-I and Sunni Dam HEP to reflect the above change, aligning with the proposed transmission infrastructure discussed and agreed in-principle during the CEA meeting.

It is further requested that the start date of connectivity may please be ensured at least one month prior to the SCOD of 1st Unit of SDHEP i.e., by 30.09.2029.

We respectfully request the CTU to initiate the necessary process to:

- Revise the location of pooling station at Brahampukhar
- Modify the granted connectivity accordingly for Luhri Stage-I and Sunni Dam HEPs.
- Issue the updated Connectivity and GNA intimation based on the revised pooling arrangement and revised date of connectivity.

Your support in this matter is deeply appreciated and we look forward to your early and favourable consideration.

सधन्यवाद,

एसजेवीएनलिमिटेड कीओरसे,

भवदीय,

28/10/2025

(अमन कटोच)
महाप्रबंधक (सीएवंएसओ)

प्रतिलिपि:

1) मुख्य अभियन्ता (पी एस पी एवं ए) – II, केंद्रीय विद्युत प्राधिकरण, सेवा भवन, आर के पुरम, नई दिल्ली-110066

एसजेवीएन लिमिटेड
SJVN Limited
(भारत सरकार एवं हिमाचल प्रदेश सरकार का संयुक्त उपक्रम)
(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)
मिनी रत्न एवं अनुसूची 'ए' पी. एस. यू.
A 'Mini Ratna' & Schedule 'A' PSU
CIN: L4010HP1988GOI008409

सं: एसजेवीएन/सीएचक्यू/सीपी/एमओपी/-5717 **15** जनवरी, **2026**

To

The Joint Secretary (Hydro)
Govt of India,
Ministry of Power,
Shram Shakti Bhawan
New Delhi-110001

Sub: "Request for Reconsideration of OGLI as Pooling Station for Combined Evacuation of Power from 210 MW Luhri Stage-I HEP (*LHEP-I*) & 382 MW Sunni Dam HEP (*SDHEP*)" – regarding.

References: -

A. MoP Minutes dated 13.06.2024
B. 20th NCT Minutes dated 25.06.2024
C. 22nd NCT Minutes dated 23.08.2024
D. 33rd CMETS dated 05.08.2024
E. CEA minutes dated 29.08.2024

Respected Sir,

In continuation to the above-referred letters/minutes, it is submitted that the Associated Transmission System (ATS) for the 210 MW Luhri Stage-I HEP (LHEP-I) and 382 MW Sunni Dam HEP (SDHEP) was revised in line with the discussions held among various stakeholders and authorities. Further, reference is invited to the meeting held on 07.06.2024 under the chairmanship of Additional Secretary (*R&R and Transmission*), wherein, considering the SCOD of LHEP-I as 01.12.2026 and the road widening works to be undertaken by Himachal Pradesh PWD which is expected to take approximately 2.5 to 3 years, the location of pooling station was shifted from OGLI to near KOLDAM which is accessible by existing National Highway. Accordingly, the location of the ISTS Pooling Station was finalised at Bharampukhar, District Bilaspur, Himachal Pradesh as per the CEA Minutes of Meeting dated 29.08.2024.

SJVN has again reviewed the current progress of the 382 MW SDHEP and 210 MW LHEP-I after taking into consideration present site-specific constraints, the revised SCODs of the projects are as under:

Sr. No.	Project	Date of 1st Unit SCOD of Project	Date of SCOD of Project
1	382 MW SDHEP	15.10.2029	15.12.2029
2	210 MW LHEP-I	01.11.2029	31.12.2029

कारपोरेट मुख्यालय: शक्ति सदन, शनान,
शिमला-171006 (हि.प्र.) ***www.sjvn.nic.in***
दूरभाष: +91-177-2660010 फैक्स: +91-177-2660011
शीघ्रीकरण कार्यालय: ऑफिस ब्लॉक, टावर-1, 6वीं मंजिल,
एनबीसीसी कॉम्प्लेक्स, पूर्वी किदवई नगर, नई दिल्ली-110023
दूरभाष: +91-11-61901801 फैक्स: +91-11-61901802
ई–मेल: sectt.cmd@sjvn.nic.in

Corporate H.Q. : Shakti Sadan, Shanan,
Shimla-171006 (HP) ***www.sjvn.nic.in***
Tele: +91-177-2660010 Fax: +91-177-2660011
Expediting Office: Office Block, Tower-1, 6th Floor,
NBCC Complex, East Kidwai Nagar, New Delhi-110023
Tele: +91-11-61901801, Fax: +91-11-61901802
E-mail: sectt.cmd@sjvn.nic.in

The road widening works from Sunni to Khaira (*approx.12 km*) is presently on full swing under the deposit work to PWD, Govt of HP and the road widening from Khaira to Ogli (*approx.10 km)* will also be completed in next 02 years subsequently under deposit work to HPPWD, GoHP.

The shifting of ISTS Pooling Station from Brahampukhar to OGLI will be beneficial to SJVN in many ways as brief below:

I. The 220KV transmission line length will considerably reduce from 94Km to 44Km for evacuation of power of both Projects.

II. Twin Moose conductor from Sunni Dam HEP to Ogli (10Km) in place of Twin Bersimis Conductor from Sunni Dam HEP to Brahampukhar (50Km).

III. Lower ROW & Forest Clearance issues.

IV. There will be no requirement of Pot Head Yard-II at Sunni HEP along with associated GIS Bays.

V. There will be no by pass arrangement of Transmission Line in case SCOD of LHEP-1 come first.

VI. Reduction in implementation time & construction challenges in difficult terrain.

Therefore, considering present status of road widening from Sunni to Khaira and revised SCODs of LHEP-I and SDHEP, it is submitted that a considerable time span of approximately 04 years is still available for completion of all associated activities prior to the commissioning of the projects. The concerns of SJVN in this regard were also conveyed during the VC meeting held on 13.01.2026 to the associated stakeholders i.e. CEA, CTUIL and PSPTCL.

In view of the above, it is humbly requested to kindly reconsider the earlier proposed location of the pooling station at OGLI for combined evacuation of power from 210 MW LHEP-I and 382 MW SDHEP in the best interest of the Projects.

This issues with the approval of CMD.

Thanks & Best Regards,

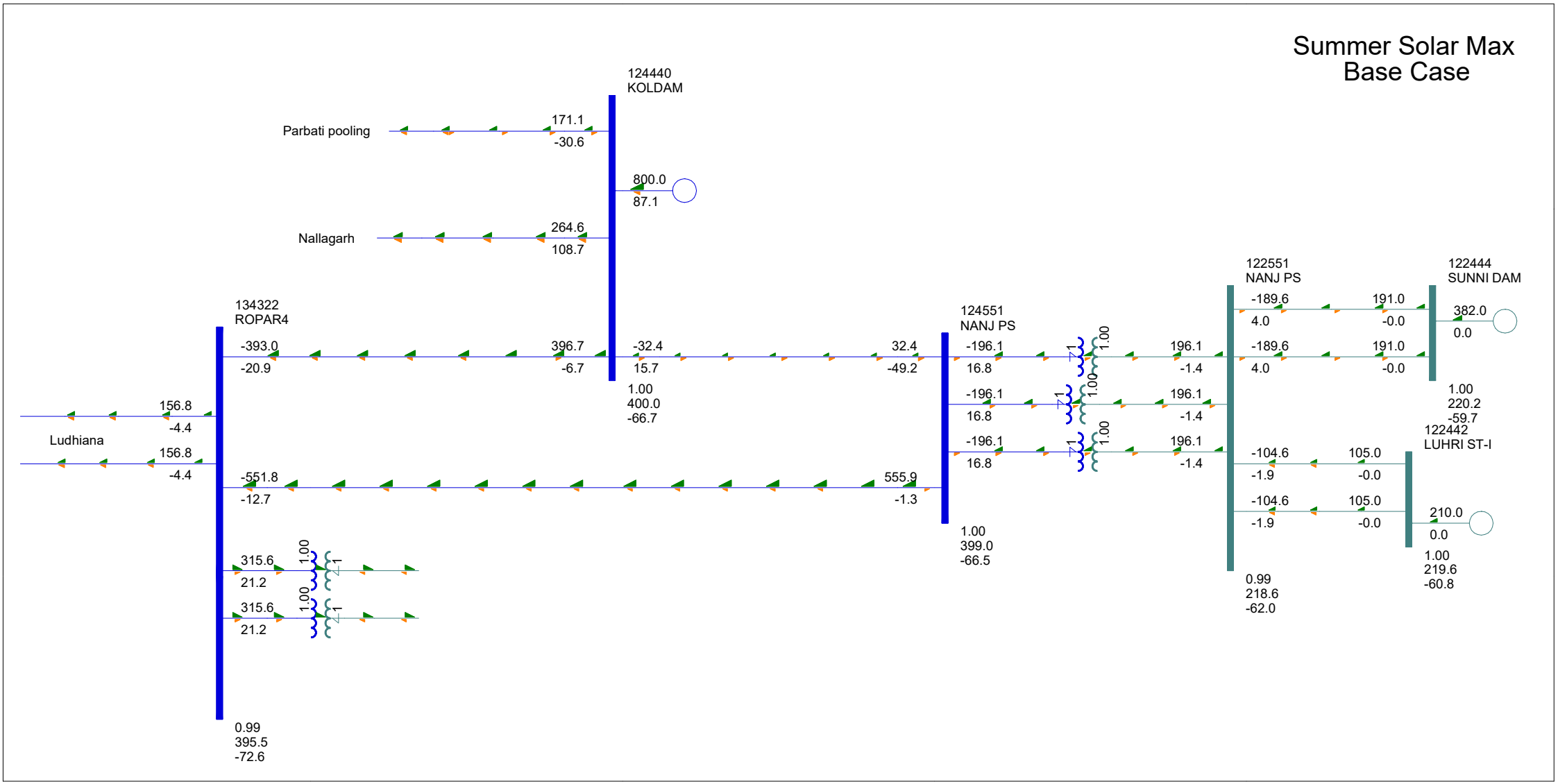
On behalf of SJVN Ltd.

(Ajay Kumar Singh)
Executive Director/HoD 15/01/26
Corporate Planning Deptt.

Distribution: -

I. Chief Engineer (I/C), PSPA-I, Central Electricity Authority, New Delhi
II. Chief Executive Officer, RECPDCL, New Delhi
III. Sr. GM, CTUIL, New Delhi
IV. Managing Director (HPPTCL), Tutikandi, Panjari, Himachal Pradesh 171005, for kind information, please.

Exhibit-I


Summer Solar Max
Base Case
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KOLDAM
Parbati pooling
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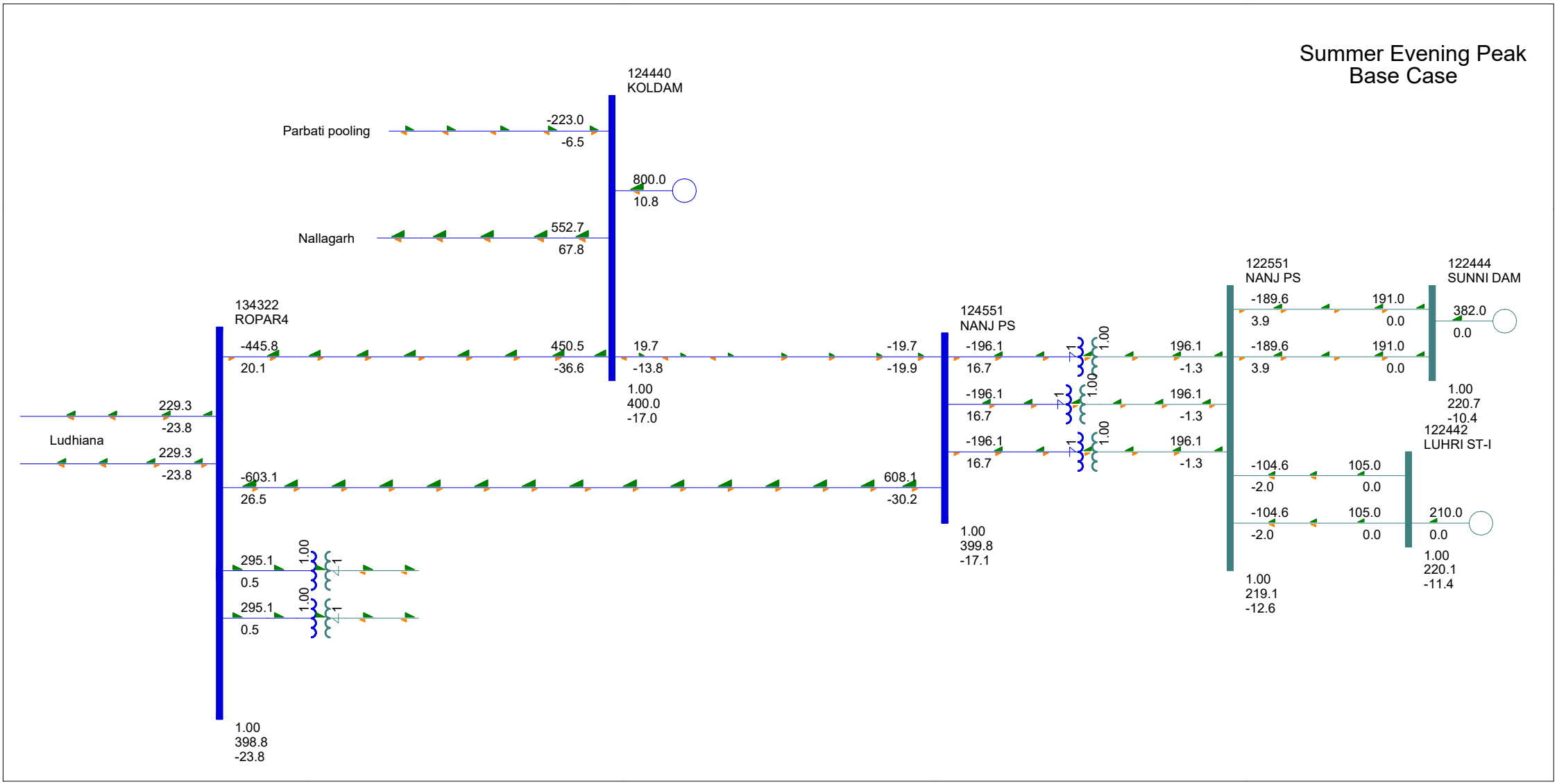
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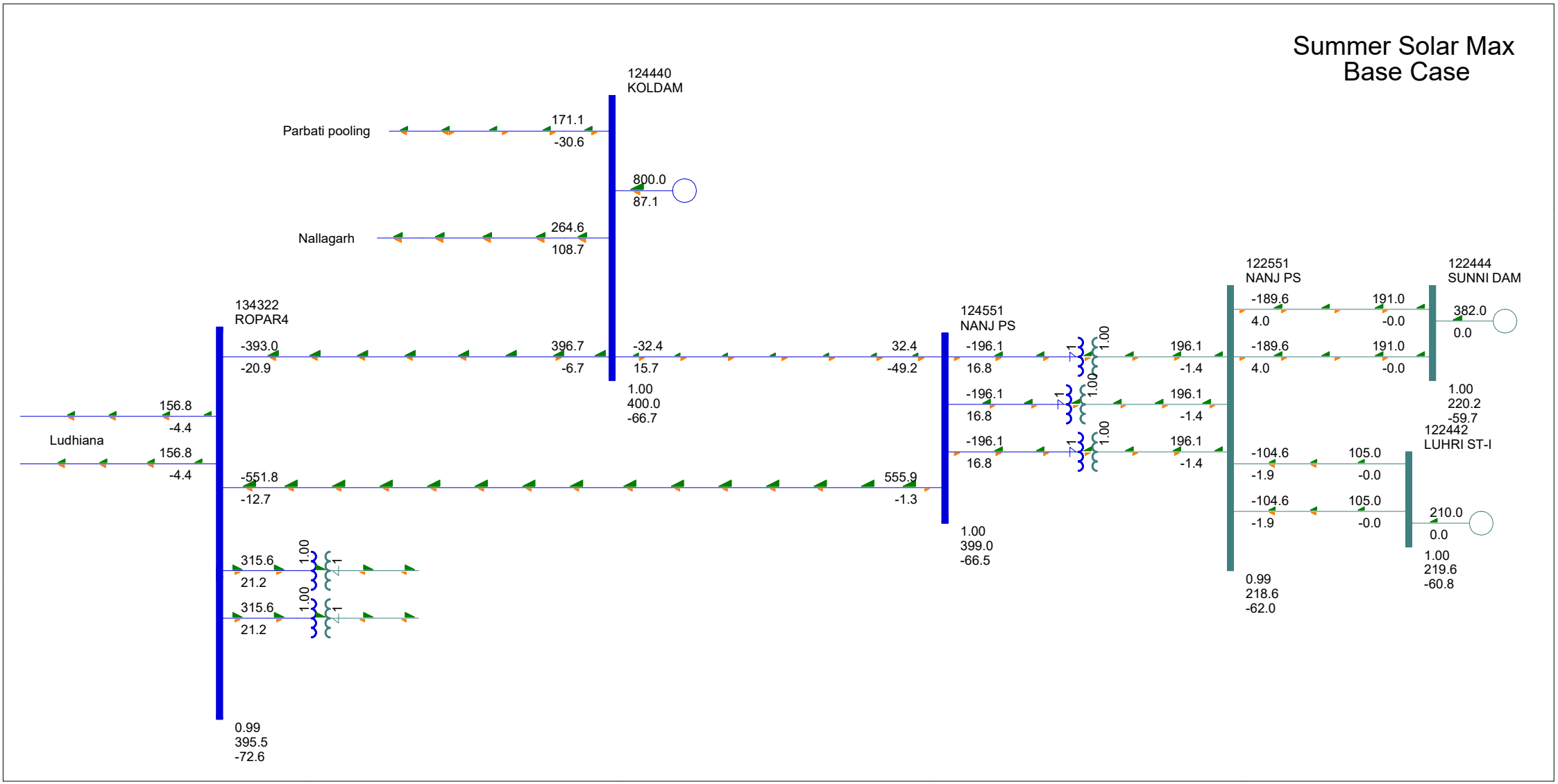
Exhibit-I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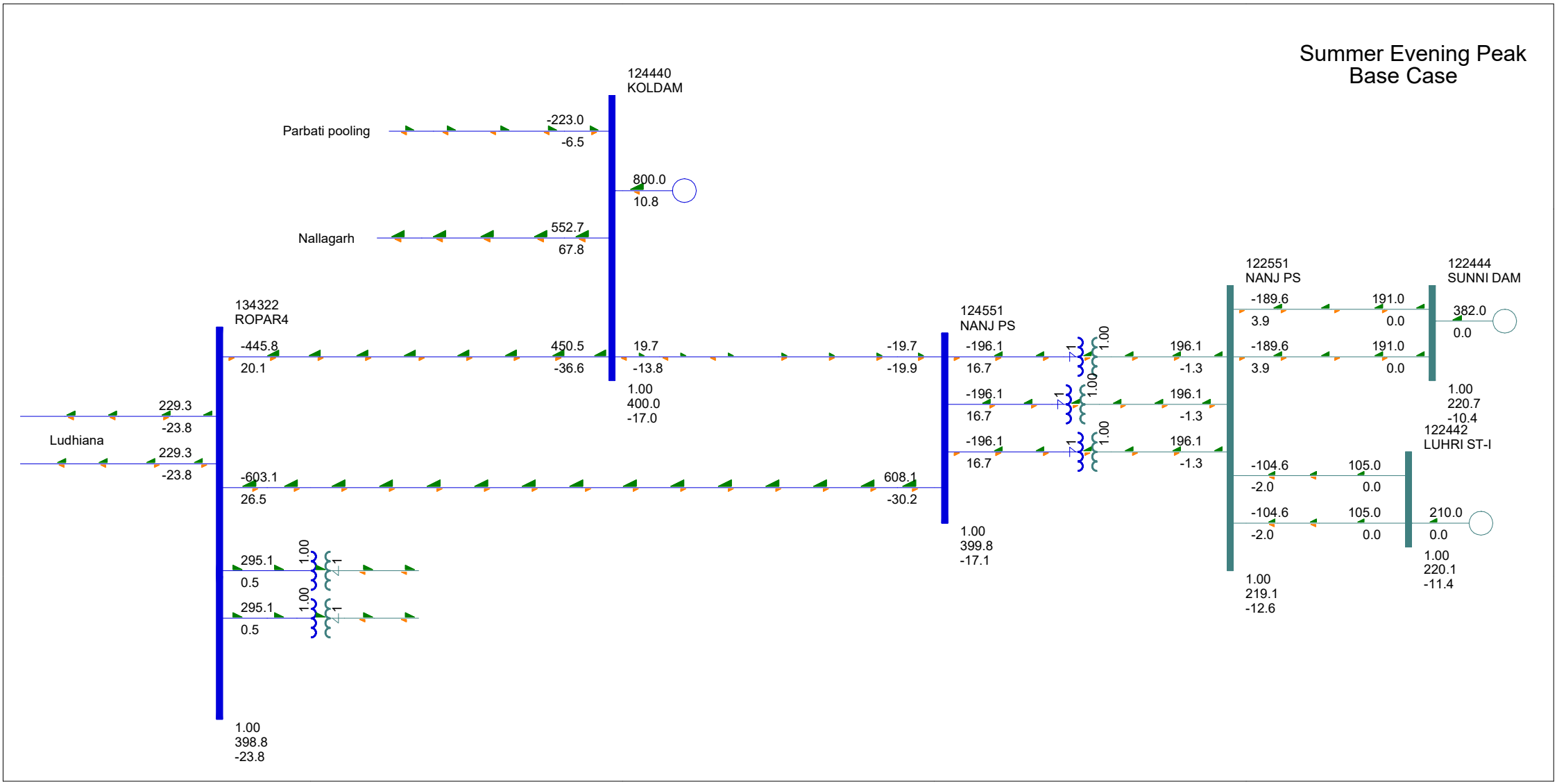
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NRPC Deliberation

A.27.13 In line with discussion held in the TCC meeting, Forum approved the submission of DPR by MS, NRPC

Decision of Forum

Forum accorded approval for submission of DPR by MS, NRPC to PSDF Secretariat for grant. Possibility of extending the software to willing SLDCs on incremental basis may be explored and added in scope after discussion with vendors. Considering useful life of IT systems defined in CERC Tariff Regulations 2024, upgradation work may be planned right after completion of 1+4 years C-AMC.

A.28 Capacity Building/ Study Tour Programme for Northern Regional Constituents through PSDF Fund (Agenda by NRPC Secretariat)

A.28.1 EE (P), NRPC apprised that in 45th NRPC meeting held on 08.06.2019, NRPC Secretariat proposed a capacity building programme for studying the power exchange of Nordic countries, role of TSO (Transmission System Operator), Renewable Energy in power trading, EV integration with grid etc. to be carried out for Northern Region Constituents.

A.28.2 In 44th TCC & 47th NRPC Meetings (held on 10th and 11th December, 2019), POWERGRID presented the detailed report and commercial implication of the program. However, due to COVID pandemic, the program could not be completed.

A.28.3 In 48th TCC & 70th NRPC Meeting (held on 17-18 Nov 2023), the proposal was discussed again and it was decided to review the study program to include topics related to RE integration.

A.28.4 In 71st NRPC meeting held on 29.01.2024, DPR was approved for PSDF grant. However, due to revision of cost by POWERGRID, revised DPR was approved in 49th TCC/ 72nd NRPC meeting (held on 29-30 March, 2024).

A.28.5 DPR was submitted to PSDF Secretariat vide letter dated 13.05.2024. However, PSDF Secretariat vide mail dated 20.05.2024 informed that during the 22nd Monitoring Committee meeting, a decision has been taken to withhold the sanction of New Projects. Accordingly, the program could not be completed.

A.28.6 Now, PSDF Secretariat vide letter dated 04.12.2024 has informed that in the 23rd Monitoring Committee meeting, it was decided to accept new projects including

deemed returned and requested to submit fresh proposal alongwith latest cost estimates.

A.28.7 Accordingly, this project has been once again taken up as CAG has also mentioned during audit of NRPC for completion of capacity building program.

A.28.8 A meeting was held on 05.12.2024 with ASCI team and POWERGRID to explore capacity building program on latest technology and latest cost estimates.

A.28.9 Accordingly, a capacity building/ study tour has been prepared by POWERGRID in consultation with Administrative Staff College of India (ASCI) attached as **Annexure-XXIV.**

A.28.10 Programme Design:

The 7-day international study tour will provide a detailed understanding of:

(i) Energy Transition Frameworks: Policies and strategies for renewable energy integration and decarbonization.

(ii) Energy Markets: The functioning of the electricity market in Europe, including the roles of TSOs and DSOs.

(iii) Hydrogen Economy: The development of green hydrogen and its integration into national energy systems.

(iv) Renewable Energy Penetration: The European experience of achieving high penetration of wind, solar, and hydropower into the grid.

(v) The tour will include site visits, workshops, and discussions with energy policymakers, experts, utilities, and industry leaders in each country to deepen participants' understanding of these issues.

A.28.11 Details of Activities for Study Tour:

(i) The programme will be implemented in four batches of 15 officers each over the period of 04 months (Apr-July 2025).

(ii) A batch of 15 participants will participate for each 7-day program from member utilities of NRPC including Central Transmission Utility (CTU), State Transmission Utilities (STUs), Distribution Companies (DISCOMs), State Load Despatch Centres (SLDCs), Generators (including ISGS), ISTS Transmission Licensees in Northern Region, Grid Controller of India Limited and Northern Regional Power Committee (NRPC) Secretariat, Central Electricity Authority (CEA), and Ministry of Power, GoI.

A.28.12 Programme Fee:

(i) Rs 6,24,000 plus GST per participant for international component of 7 days, for a minimum of 15 participants in a batch, and

(ii) Rs 1,50,000 plus GST per batch for Indian component at Manesar of 2 days, for a minimum of 15 participants per batch.

(iii) Total Cost shall be tentatively INR. 4,48,87,200/- (including GST@18% for 60 officials).

(iv) Above fee is exclusive of flight tickets, medical insurance, per diem amount, local transport, and accommodation etc. Cost estimate for these shall be shared by POWERGRID separately.

A.28.13 As per rules of PSDF grant, only government beneficiary has been considered for this study tour. Accordingly, the tentative break-up of batches is as below:

Serial No.	State/Organization	1st Batch	2nd Batch	3rd Batch	4th Batch	Remarks*
1	**MoP/CEA**	1	1	1	1	
1	**Delhi**	1	1	0	1	Among TRANSCO/STU, GENCOs, SLDC
2	**Haryana**	1	1	1	1	Among TRANSCO/STU, GENCOs, DISCOMs, SLDC
3	**Rajasthan**	1	1	1	1	Among TRANSCO/STU, GENCOs, DISCOMs, SLDC
4	**Uttar Pradesh**	1	1	1	1	Among TRANSCO/STU, GENCOs, DISCOMs, SLDC
5	**Uttarakhand**	1	1	1	1	Among TRANSCO/STU, GENCOs, DISCOMs, SLDC
6	**Punjab**	1	1	1	1	Among TRANSCO/STU, GENCOs, DISCOMs, SLDC
7	**Himachal Pradesh**	1	1	1	1	Among TRANSCO/STU, GENCOs, DISCOMs, SLDC
8	**UT of J&K**	1	0	0	0	
9	**UT of Ladakh**	1	0	0	0	
10	**UT of Chandigarh**	1	0	0	0	
11	**NRPC**	1	2	2	2	
13	**NRLDC**	1			1	
14	**NLDC**	1			1	
15	**PGCIL**	1			1	
16	**CTUIL**		1			
17	**NTPC**		1		1	

18	**BBMB**		1			
19	**THDC**		1			
20	**SJVN**		1			
21	**NHPC**			1	1	
22	**NPCIL**			1		
23	**APCPL**			1		
24	**MEJA Urja Nigam Ltd.**			1		
25	**NVVN**			1		
26	**NTPC Green Energy Ltd**			1		
Total		**15**	**15**	**15**	**15**	

A.28.14 Further, it was conveyed that such capacity building program has already been conducted in ERPC, and SRPC.

A.28.15 MS, NRPC informed that earlier the study tour was planned in Nordic countries. Now, it has proposed to do study tour in the European country.

A.28.16 MS, NERPC also informed that NERPC has also got approved the agenda and fresh DPR is to be obtained. After that the same will be put up for PSDF grant.

A.28.17 EE (P), NRPC highlighted that the DISCOMs who are NRPC members for the current FY 24-25 shall be considered for this study tour. After getting PSDF grant, the nominations will be sought from the utilities accordingly.

NRPC Deliberation

A.28.18 MS, NRPC mentioned that ASCI has suggested to have study tour of 1st batch in April, 2025.

A.28.19 Members approved the proposals and recommended to proceed further for approval of PSDF grant accordingly.

Decision of Forum

After deliberation followings was decided as below-

i. Forum approved the above study tour under PSDF grant.

ii. Forum authorized MS, NRPC for negotiation of final cost with ASCI/POWERGRID.

iii. Forum authorized MS, NRPC for submission of DPR for PSDF grant.

iv. Forum authorized MS, NRPC to finalize the course contents in consultation with ASCI/POWERGRID.

iv. Forum authorized MS, NRPC for signatory for opening and operating of bank account to handle the above fund

v. Forum authorized MS, NRPC to finalize and enter into an agreement with ASCI/POWERGRID for above study tour.

A.29 Centralized Database for Protection Settings in Northern Region to be implemented under PSDF (agenda by NRPC Secretariat)

A.29.1 EE (P), NRPC apprised that in 48th TCC & 70th NRPC Meeting (held on 17-18 Nov 2023), NRPC Committee has approved for development of a portal through PSDF for Centralized database containing details of relay settings for grid elements connected to 220 kV and above. The scope was already approved in the above meeting.

A.29.2 Further, a meeting was held on 08.01.2024 with POWERGRID to deliberate on tendering, wherein POWERGRID desired number of sub-stations and elements for which relay details shall be modelled in Centralized Database for preparation of estimate of work for implementation of the portal.

A.29.3 In view of above, it was requested vide letter dtd. 23.01.2024 to NRLDC/NLDC and SLDCs of Northern region to furnish the details of all elements connected at 220 kV and above, in respective control area latest by 30.01.2024. A reminder mail dtd. 06.02.2024 was also sent for the same.

A.29.4 Based on the received data, compiled status was presented in the 50th PSC meeting held on 29.04.2024. Subsequently, Utilities were requested to send pending data for no. of relays and substations within a week. It was also decided to consider tentative/ average data if details are not submitted by utilities within a week.

A.29.5 Compilation of numbers for sub-station, relay and licensee for calculation tool has been done. After considering assumption, the numbers were proposed in the 55th Protection Sub Committee meeting as below:

S.N.	Number of substations (220 kV and above in Northern Region)	Number of relays	Number of licenses of protection calculation tool

Annexure VII

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

Dated: 28.05.2025

सेवा में,

Chief General Manager (PSDF)
NLDC-Grid India
New Delhi, 110016
psdf@grid-india.in; nldc.psdf2020@gmail.com

विषय: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituent members of Northern Regional Power Committee (Proposal No.- 480)

Ref:

1. Letter from POWERGRID bearing reference CC/HRD/NRPC/2024-25/Overseas dated 21.05.2025 and 22.05.2025 (enclosed)
2. Letter from NRPC Secretariat to POWERGRID dated 29.04.2025 (enclosed)
3. Letter from NLDC, PSDF Nodal Agency, bearing reference NLDC-PSDF/88th TESG/2025-26/ dated 16.04.2025 (enclosed)

महोदय/महोदया,

This has the reference to the Capacity Building Programme on International Best Practices in Energy Transition for Constituent members of NRPC. The DPR for 100% PSDF grant for the above program was submitted to PSDF Secretariat vide NRPC Sectt. letter dated 28.01.2025.

Further, in reference to your letter dated 16.04.2025, NRPC Secretariat vide letter dated 29.04.2025, requested POWERGRID to comply all observations made by the TESG members in the 88th meeting of TESG (held on 07.03.2025).

In this regard, POWERGRID vide letter dated 21.05.2025 has replied on queries raised by TESG members and vide their letter dated 22.05.2025 has submitted the revised proposal with latest cost estimate along with BOQ details of per participants.

In view of above, it is requested to consider the same and grant the PSDF for implementation of Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituent members of Northern Regional Power Committee.

Encl: As above

Signed by Vijay Kumar Singh
Date: 28-05-2025 10:59:52
(V K Singh)
Member Secretary

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Reference: CC/HRD/NRPC/2024-25/Overseas **Date:** 21.05.2025

To,

The Executive Engineer (Protection),
Northern Regional Power Committee Secretariat,
Ministry of Power, Government of India
New Delhi.

Kind Attention: Sh. Reeturaj Pandey

Sub: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituent members of Northern Regional Power Committee.

Reference: Letter dated 22 April 2025

Dear Sir,

The following is submitted in response to your inquiries.

INQUIRY 1: Tendering is to be followed for selection of vendor and payment terms in the tender document must be aligned with PSDF fund disbursement pattern

RESPONSE:
POWERGRID has approved agencies, institutes, and experts on the specific areas of expertise and training programs are being conducted through the said agencies, institutes, and experts. ASCI is one of the approved institutes of POWERGRID, which offers overseas training programs and POWERGRID has carried out international training programs through ASCI for its employees.

In the domain of learning and development, POWERGRID does not follow a tendering process per se for finalizing agencies, as this being an intellectual property and specialized knowledge.

However, in the instant case, due diligence has been done in engagement of ASCI by rate negotiations through a committee comprising three officials of Finance, BDD and HRD departments from POWERGRID. Supporting documents of committee proceedings may be shared if so desired.

The payment terms of the PSDF fund disbursement pattern may be agreed upon by POWERGRID.

INQUIRY 2: Dearness Allowances (DA) to be excluded from the BoQ.

RESPONSE: Dearness Allowance (DA) has been excluded from the Bill of Quantities (BoQ), and the revised offer is enclosed as Annex-1.

INQUIRY 3: Module-wise break-up of BoQ is required to be submitted including cost breakup details for each participant.

RESPONSE: A module-wise breakdown of the BoQ, including detailed cost per participant is annexed at Annex-2.

Further, this is to mention that the training program is being conducted on a no-profit basis, with special approval obtained from the management.

Thanking You,

Yours faithfully,

21/05/25

Bipin Kishor Mundu
Executive Director (HRD)

Annex-1

Reference: CC/HRD/NRPC/2024-25/Overseas/revised **Date**: 22.05.2025

To,

The Executive Engineer (Protection),
Northern Regional Power Committee Secretariat,
Ministry of Power, Government of India
New Delhi.

Kind Attention: Sh. Reeturaj Pandey

Sub: Overseas Program on **"International Best Practices in Energy Transition (With study tour to Europe)"** for NRPC constituents.

Dear Sir,

- In reference to your request for the subject mentioned program, please find below our offer. The details may be seen below.

  I. **Name of Program**: International Best Practices in Energy Transition with Study tour to Europe (With study tour to Netherlands, Germany, & Switzerland)
  II. **Venue**: PAL Manesar (Domestic portion), Netherlands, Germany, & Switzerland (Overseas portion)
  III. **Duration**: Domestic Portion:
    i. One day domestic at PAL, Manesar
    ii. Overseas portion: Seven days.
  IV. **Dates**: will be finalized after mutual discussion.

- The **scope of services** will be as mentioned below:

  I. Tuition fees,
  II. Boarding & Lodging,
  III. Airport transfers,
  IV. Training kit including trolley bags & Blazer,
  V. Visa charges,
  VI. Air fare economy class (Delhi to Europe to Delhi),
  VII. Medical cum travel insurance,
  VIII. Tickets (if any) to official engagements (entry tickets to sight-seeing, conferences etc.) and
  IX. Membership to ASCI alumni network

- **Fee** (including GST):

i. Fee for one batch up to 15 participants:	INR 1,72,11,037.50
ii. Per Participant fee for additional participants above 15:	INR 11,47,402.50
iii. Fee for four batches of 15 participants each with total 60 participants:	INR 6,88,44,150.00

- **Payment Terms:**

I. Minimum Billing will be done for a batch of 15 participants.
II. Payment terms of PSDF fund disbursement pattern

- **Cancellation:**

I. If due to some unforeseen circumstances any participant not attending the program, NRPC will intimate for cancellation in writing, for which there will be cancellation charges as applicable, shall be reimbursable to POWERGRID against the documentary proof submitted by POWERGRID.
II. For cancellation of any batch, NRPC will reimburse actual expenses against the documentary proof provided by POWEGIRD.

- **Validity:** This offer will be valid for till 30.09.2025

Kindly acknowledge the offer and convey your acceptance.

Yours faithfully,
For and on behalf of
Power Grid Corporation of India Limited

22/05/2025

Arun Kumar Goel
General Manager(HRD)

अरूण कुमार गोयल / ARUN KUMAR GOEL
महाप्रबंधक (मा.सं.वि.) / General Manger (HRD)
पावरग्रिड नेतृत्व अकादमी
पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
गाँव-ग्वालियर, पोस्ट-पंचगाँव, ताऊरु रोड़, मानेसर,
गुरुग्राम - 122413 (हरियाणा)

Annex-2

Bill of Quantity		
S.N.	**Particulars**	**Amount**
1	ASCI Overseas Fees • Tuition fees, • Boarding & Lodging and other land arrangements including airport transfers at overseas, • Training kit including trolley bags & Blazer, • Visa charges, • Tickets (if any) to official engagements (entry tickets to sight-seeing, conferences etc.) and • Membership to ASCI alumni network	736320
2	Domestic training Fees • Tuition fees, • Boarding & Lodging, • Airport Pick-up & drop	14750
3	Economy class air fare (Delhi Europe Delhi) and Medical cum travel insurance	165000
4	Miscellanious & Contingency	10000
5	Overheads	46305
	Per particinat rate Exclusive of GST	972375
	GST @18%	175027.5
	Per particinat rate Inclusive of GST	**1147402.5**

अरूण कुमार गोयल / ARUN KUMAR GOEL
महाप्रबंधक (मा.सं.वि.) / General Manger (HRD)
पावरग्रिड नेतृत्व अकादमी
पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
गाँव-ग्वालियर, पोस्ट-पंचगाँव, ताऊरु रोड़, मानेसर,
गुरुग्राम - 122413 (हरियाणा)

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

Dated: 29.04.2025

सेवा में,

ED, HRD
POWERGRID Academy of Leadership (PAL)
Pachgaon, Manesar, Gurgoan-122413 (Haryana)

विषय: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituent members of Northern Regional Power Committee

Ref:

1. Letter from NLDC, PSDF Nodal Agency, bearing reference NLDC-PSDF/88th TESG/2025-26/ dated 16.04.2025 (enclosed)
2. Letter from POWERGRID bearing reference CC/HRD/NRPC/2024-25/Overseas dated 27.01.2025 (enclosed)

महोदय/महोदया,

This has reference to the Capacity Building Programme on International Best Practices in Energy Transition for Constituents members of NRPC. The DPR for 100% PSDF grant for the above program was submitted to PSDF Secretariat vide letter dated 28.01.2025.

The DPR of above proposal was discussed in the 88th meeting of TESG (held on 07.03.2025) wherein TESG observed some issues in the submitted DPR where the actions are required on part of POWERGRID on the following points as below-

1. Tendering is to be followed for selection of vendor and payment terms in the tender document must be aligned with PSDF fund disbursement pattern.
2. Dearness Allowances (DA) to be excluded from the BoQ.
3. Module-wise break-up of BoQ is required to be submitted including cost breakup details for each participant.

4. Total 3 Budgetary offers (BO) are required to be provided in order to decide the minimum cost of programme accordingly.

In view of above, it is requested to submit following to NRPC Secretariat at the earliest:

1. Revised estimates based on minimum out of total 3 Budgetary offers (BO).
2. Module-wise break-up of BoQ including cost for each participant.

This issues with approval of MS, NRPC.

Signed by Reeturaj Pandey
Date: 29-04-2025 15:17:27

Encl: As above

(ऋतुराज पाण्डेय)
उप-निदेशक (संरक्षण)

18-ए, शहीद जीत सिंह मार्ग, कटवारिया सराय, नई दिल्ली- 110016 फोन:011-26511211 फेक्स: 011-26865206 ई-मेल: ms-nrpc@nic.in वेबसाईट: www.nrpc.gov.in
18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-110016 Phone: 011-26511211 Fax: 011-26865206 e- mail: ms-nrpc@nic.in Website: www.nrpc.gov.in

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
पूर्व में
पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड (पोसोको)
(भारत सरकार का उद्यम)
CIN: U40105DL2009GOI188682
राष्ट्रीय भार प्रेषण केंद्र

कार्यालय का पता : B-9, 1st Floor, Qutub Institutional Area, Katwaria Sarai, New Delhi - 110016
फ़ैक्स : 011-26524525, 26536901
वैबसाइट : https://psdfindia.in , ई-मेल: psdf@grid-india.in ; nldc.psdf2020@gmail.com

संदर्भ: NLDC-PSDF/88th TESG/2025-26/ दिनाँक:16 अप्रैल 2025

सेवा में,

Member Secretary
Northern Region Power Committee
18-A, Shaheed Jeet Singh Marg, Katwaria Sarai
New Delhi-110016
Email: ms-nrpc@nic.in

विषय/Subject: Examination of the following proposal during the 88th meeting of TESG held on 7th March 2025.

प्रस्ताव का नाम / Proposal Name: NRPC: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (Proposal No.- 480)

महोदय,

The subject proposal of NRPC and the DPR furnished by them were discussed in the 88th TESG meeting held on 07.03.2025. The relevant extracts of deliberations and observations recorded during the meeting are as per the attached **Annexure-I.**

This is for your information please.

सादर धन्यवाद,

भवदीय

S.C Dambhare
Convener of Techno Economic Subgroup
Chief General Manager (PSDF)
NLDC-Grid India

प्रति :

1. CE(NPC), CEA
2. ED, NLDC-Grid India

Annexure- 1

NRPC: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (480)

Summary of the project:

a) Estimated cost of project is **₹7.08 Crores (with GST).** The program is likely to be held between **01.04.2025 to 31.07.2025.**
b) Training program is proposed to be conducted for **4 batches each of 15 participants** from various utilities of Northern region including CTU, SLDCs, STUs, Generators, ISTS Licensees, DISCOM, Grid-India (NLDC/NRLDC), NRPC Sectt, CEA and Ministry of Power. Each batch will have one-day domestic training at PAL Manesar, 7 days training in Europe (Netherland, Germany and Switzerland) and 2 days for travel.
c) Program is being executed by Power-Grid in association with Administrative Staff College of India (ASCI).
d) The study tour program offers several merits, below are the key merits:
    1. Exposure to international Best Practices
    2. Knowledge Transfer on Renewable Energy Integration
    3. Understanding of Energy Market Structures
    4. Insights into Hydrogen Economy
    5. Technical Knowledge on Grid Management
    6. Capacity Building for Future Energy Challenges

Evaluation of DPR:

A. Summary of project:	
i. Cost of Project	**₹ 7.08 Crores**
ii. Name of the requesting Organization / Utility	NRPC
iii. Authorized Person For this Project / Scheme / Activity	Provided
iv. Short Summary of Project / Scheme / Activity	Provided
v. Name of the Project / Scheme / Activity	Provided
vi. Objective of the Project / Scheme / Activity	Provided
vii. Identified Beneficiaries	Provided
viii. Copy of the appraisal report	**Provided**
ix. Format A5	**Provided**
x. Format A6	**Not Provided properly**
xi. Board Approval	**Not Provided**
B. Executing agency : Give the details of the executing agency including their performance record, justification behind the recommendation of the particular executing agency for implementing this project/ scheme/ activity.	Power-Grid through Administrative Staff College of India.
C. Funding: The project is to be funded partly through self-contribution and partly through grant from PSDF as per categorization of the project. Both internal and external sources of funding may be specified along with respective quantum of funding.	Entity requested for 100% funding.
D. Time line for Implementation of Project / Scheme / Activity	**FY 2025-26**
E. Technical details:	**Not Required**
F. Implementation schedule / milestones	
i) target for physical milestones	Provided
ii) targets for financial milestone	Provided

Observations/ Requirements:

TESG Member	**Inputs required/ comments of Members**

NLDC	1. Copy of MoM of the 52nd TCC & 77th NRPC meeting provided. 2. Justification for selection of the implementing agency. 3. Proposed payment terms in the DPR are not aligned with PSDF disbursement guidelines. 4. Detailed BoQ in excel sheet may be provided.
NPC	5. Estimated cost of project is **₹7.08 Crores** inclusive of GST. The duration of project from **01.04.2025 to 31.07.2025** and requested for 100% funding as per clause 5.1(f) of PSDF guideline-2024. **6.** Entity has provided relevant minutes of 52nd TCC meeting of NRPC and 77th NRPC meeting in which proposal was approved. **TESG may decide further Board Approval required or not.** 7. Entity has to be provided Format A6 of PSDF guideline-2024 on non-judicial stamp paper of Rs. 50. 8. Time duration of project is 4 months. Entity is requested **to provide realistic time duration** and also include time for financial closing of this. **9.** Entity has already chosen the executive agency which is POWERGRID**. Whether tender for this proposal, will be floated by the entity or not. Please explain.** 10. Cost estimates are based on only one Budgetary offer (BO) from POWERGRID. Entity is requested to provide 2 more BOs and take minimum cost of 3 BOs. 11. Entity informed that 7.08 crores needed for 4 batches of 15 officers each i.e. 1.77 crore for each batch and 11.80 lakh for each participants. However, entity has not provided the BOQ in detailed. **Entity is requested to provide detailed BOQ i.e. detailed cost break up of each and every module and every expense component.** 12. Entity need to ensure that guidelines of **GFR and CVC** are not violated.
PSETD	No Comments
PGCIL Cost Eng.	No Comments
CTU Eng.	No Comments
CTU Plng.	The topics are relevant to the region and may be concurred.

Deliberations in the 88th TESG Meeting:

a) Entity briefed about their project and intimated that this project has already got approval in the 77th NRPC meeting. TESG agreed for considering the minutes of NRPC meetings as **Board approval** for this project.

b) TESG observed that the entity has chosen POWERGRID as the vendor without placing any tenders. **TESG informed the entity that entity has to follow the Tendering process as per PSDF guidelines.** TESG also advised that payment terms in the tender document must be aligned with PSDF fund disbursement pattern. However, if entity opts for any other fund disbursement pattern then the desired fund disbursement pattern may be submitted to NLDC for approval of the Monitoring Committee.

c) TESG requested entity **to exclude the charges for Dearness Allowances (DA) (i.e. $ 50)** considered in the BoQ, as Dearness Allowances are usually given to the participants by their respective organisations.

d) TESG also informed the entity that a detailed **Module-wise break-up of BoQ,** may be submitted by the entity. TESG also informed entity to prepare cost breakup details for each participant so that if any person doesn't attend the training, the amount unspent against him, may be calculated accordingly.

e) As this Capacity Building/Study Programme will take place in four batches and project milestones includes various activities such as tendering, execution, physical completion, financial closure etc., hence, TESG advised entity to consider **realistic timelines (instead of 4 months) for completion of this project.** Accordingly, details about Physical/Financial Milestones may be submitted by the entity.

f) **TESG requested entity to submit signed copy of point-wise replies to all the above observations/deliberations made by the TESG members along with the supporting documents**.

Reference: CC/HRD/NRPC/2024-25/Overseas **Date:** 27.01.2025

To,

The Executive Engineer (Protection),
Northern Regional Power Committee Secretariat,
Ministry of Power, Government of India
New Delhi.

Kind Attention: Sh. Reeturaj Pandey

Sub: Overseas Program on **"International Best Practices in Energy Transition (With study tour to Europe)"** for NRPC constituents.

Dear Sir,

In reference to your request for the subject mentioned program, please find below our offer. The details may be seen below.

I. **Name of Program:** International Best Practices in Energy Transition with Study tour to Europe (With study tour to Netherlands, Germany, & Switzerland)
II. **Venue:** PAL Manesar (Domestic portion), Netherlands, Germany, & Switzerland (Overseas portion)
III. **Duration:**
    i. Domestic Portion: One day domestic at PAL, Manesar
    ii. Overseas portion: Seven days.
IV. **Dates:** April to July 2025 (All four batches) will be finalized after mutual discussion.

- The **scope of services** will be as mentioned below:

I. Tuition fees,
II. Boarding & Lodging,
III. Airport transfers,
IV. Training kit including trolley bags & Blazer,
V. Visa charges,
VI. Air fare economy class (Delhi to Europe to Delhi),
VII. Medical cum travel insurance,
VIII. Disbursal of per-diem (@ $50 per day for 07 days per participant),
IX. Tickets (if any) to official engagements (entry tickets to sight-seeing, conferences etc.) and
X. Membership to ASCI alumni network

- **Fee** (including GST):

i. Fee for one batch up to 15 participants:	INR 1,77,00,000.00
ii. Per Participant fee for additional participants above 15:	INR 11,80,000.00
iii. Fee for four batches of 15 participants each with total 60 participants:	INR 7,08,00,000.00

- **Payment Terms:**

I. Minimum Billing will be done for a batch of 15 participants.
II. 70% payment before the start of each batch based on proforma invoice submitted by POWERGRID to NRPC.
III. 30% after the successful conduct of each batch and submission of GST invoice by POWERGRID to NRPC.

- **Cancellation:**

I. If due to some unforeseen circumstances any participant not attending the program, NRPC will intimate for cancellation in writing, for which there will be cancellation charges as applicable, shall be reimbursable to POWERGRID against the documentary proof submitted by POWERGRID.
II. For cancellation of any batch, NRPC will reimburse actual expenses against the documentary proof provided by POWEGIRD.

- **Validity:** This offer will be valid for till 30.06.2025

Kindly acknowledge the offer and convey your acceptance.

Yours faithfully,
For and on behalf of
Power Grid Corporation of India Limited

27/01/2025
Arun Kumar Goel
General Manager(HRD)
अरूण कुमार गोयल / ARUN KUMAR GOEL
महाप्रबंधक (मा.सं.वि.) / General Manger (HRD)
पावरग्रिड नेतृत्व अकादमी
पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
गाँव-ग्वालियर, पोस्ट-पंचगाँव, ताऊरु रोड़, मानेसर,
गुरुग्राम – 122413 (हरियाणा)

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
पूर्व में
पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड (पोसोको)
(भारत सरकार का उद्यम)
CIN: U40105DL2009GOI188682
राष्ट्रीय भार प्रेषण केंद्र

कार्यालय का पता : B-9, 1st Floor, Qutub Institutional Area, Katwaria Sarai, New Delhi - 110016
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संदर्भ: NLDC-PSDF/88th TESG/2025-26/ दिनाँक:16 अप्रैल 2025

सेवा में,

Member Secretary
Northern Region Power Committee
18-A, Shaheed Jeet Singh Marg, Katwaria Sarai
New Delhi-110016
Email: ms-nrpc@nic.in

विषय/Subject: Examination of the following proposal during the 88th meeting of TESG held on 7th March 2025.

प्रस्ताव का नाम / Proposal Name: NRPC: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (Proposal No.- 480)

महोदय,

The subject proposal of NRPC and the DPR furnished by them were discussed in the 88th TESG meeting held on 07.03.2025. The relevant extracts of deliberations and observations recorded during the meeting are as per the attached **Annexure-I.**

This is for your information please.

सादर धन्यवाद,

भवदीय

S.C Dambhare
Convener of Techno Economic Subgroup
Chief General Manager (PSDF)
NLDC-Grid India

प्रति :

1. CE(NPC), CEA
2. ED, NLDC-Grid India

Annexure- 1

NRPC: Capacity Building /Study Programme on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (480)

Summary of the project:

a) Estimated cost of project is **₹7.08 Crores (with GST).** The program is likely to be held between **01.04.2025 to 31.07.2025.**
b) Training program is proposed to be conducted for **4 batches each of 15 participants** from various utilities of Northern region including CTU, SLDCs, STUs, Generators, ISTS Licensees, DISCOM, Grid-India (NLDC/NRLDC), NRPC Sectt, CEA and Ministry of Power. Each batch will have one-day domestic training at PAL Manesar, 7 days training in Europe (Netherland, Germany and Switzerland) and 2 days for travel.
c) Program is being executed by Power-Grid in association with Administrative Staff College of India (ASCI).
d) The study tour program offers several merits, below are the key merits:
    1. Exposure to international Best Practices
    2. Knowledge Transfer on Renewable Energy Integration
    3. Understanding of Energy Market Structures
    4. Insights into Hydrogen Economy
    5. Technical Knowledge on Grid Management
    6. Capacity Building for Future Energy Challenges

Evaluation of DPR:

A. Summary of project:	
i. Cost of Project	**₹ 7.08 Crores**
ii. Name of the requesting Organization / Utility	NRPC
iii. Authorized Person For this Project / Scheme / Activity	Provided
iv. Short Summary of Project / Scheme / Activity	Provided
v. Name of the Project / Scheme / Activity	Provided
vi. Objective of the Project / Scheme / Activity	Provided
vii. Identified Beneficiaries	Provided
viii. Copy of the appraisal report	**Provided**
ix. Format A5	**Provided**
x. Format A6	**Not Provided properly**
xi. Board Approval	**Not Provided**
B. Executing agency : Give the details of the executing agency including their performance record, justification behind the recommendation of the particular executing agency for implementing this project/ scheme/ activity.	Power-Grid through Administrative Staff College of India.
C. Funding: The project is to be funded partly through self-contribution and partly through grant from PSDF as per categorization of the project. Both internal and external sources of funding may be specified along with respective quantum of funding.	Entity requested for 100% funding.
D. Time line for Implementation of Project / Scheme / Activity	**FY 2025-26**
E. Technical details:	**Not Required**
F. Implementation schedule / milestones	
i) target for physical milestones	Provided
ii) targets for financial milestone	Provided

Observations/ Requirements:

TESG Member	**Inputs required/ comments of Members**

NLDC	1. Copy of MoM of the 52nd TCC & 77th NRPC meeting provided. 2. Justification for selection of the implementing agency. 3. Proposed payment terms in the DPR are not aligned with PSDF disbursement guidelines. 4. Detailed BoQ in excel sheet may be provided.
NPC	5. Estimated cost of project is **₹7.08 Crores** inclusive of GST. The duration of project from **01.04.2025 to 31.07.2025** and requested for 100% funding as per clause 5.1(f) of PSDF guideline-2024. **6.** Entity has provided relevant minutes of 52nd TCC meeting of NRPC and 77th NRPC meeting in which proposal was approved. **TESG may decide further Board Approval required or not.** 7. Entity has to be provided Format A6 of PSDF guideline-2024 on non-judicial stamp paper of Rs. 50. 8. Time duration of project is 4 months. Entity is requested **to provide realistic time duration** and also include time for financial closing of this. **9.** Entity has already chosen the executive agency which is POWERGRID**. Whether tender for this proposal, will be floated by the entity or not. Please explain.** 10. Cost estimates are based on only one Budgetary offer (BO) from POWERGRID. Entity is requested to provide 2 more BOs and take minimum cost of 3 BOs. 11. Entity informed that 7.08 crores needed for 4 batches of 15 officers each i.e. 1.77 crore for each batch and 11.80 lakh for each participants. However, entity has not provided the BOQ in detailed. **Entity is requested to provide detailed BOQ i.e. detailed cost break up of each and every module and every expense component.** 12. Entity need to ensure that guidelines of **GFR and CVC** are not violated.
PSETD	No Comments
PGCIL Cost Eng.	No Comments
CTU Eng.	No Comments
CTU Plng.	The topics are relevant to the region and may be concurred.

Deliberations in the 88th TESG Meeting:

a) Entity briefed about their project and intimated that this project has already got approval in the 77th NRPC meeting. TESG agreed for considering the minutes of NRPC meetings as **Board approval** for this project.

b) TESG observed that the entity has chosen POWERGRID as the vendor without placing any tenders. **TESG informed the entity that entity has to follow the Tendering process as per PSDF guidelines.** TESG also advised that payment terms in the tender document must be aligned with PSDF fund disbursement pattern. However, if entity opts for any other fund disbursement pattern then the desired fund disbursement pattern may be submitted to NLDC for approval of the Monitoring Committee.

c) TESG requested entity **to exclude the charges for Dearness Allowances (DA) (i.e. $ 50)** considered in the BoQ, as Dearness Allowances are usually given to the participants by their respective organisations.

d) TESG also informed the entity that a detailed **Module-wise break-up of BoQ,** may be submitted by the entity. TESG also informed entity to prepare cost breakup details for each participant so that if any person doesn't attend the training, the amount unspent against him, may be calculated accordingly.

e) As this Capacity Building/Study Programme will take place in four batches and project milestones includes various activities such as tendering, execution, physical completion, financial closure etc., hence, TESG advised entity to consider **realistic timelines (instead of 4 months) for completion of this project.** Accordingly, details about Physical/Financial Milestones may be submitted by the entity.

f) **TESG requested entity to submit signed copy of point-wise replies to all the above observations/deliberations made by the TESG members along with the supporting documents**.

Annexure VIII

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
राष्ट्रीय भार प्रेषण केंद्र - पावर सिस्टम डेव्लपमेंट फ़ंड सचिवालय

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संदर्भ: NLDC-PSDF/95th TESG/2025-26/ दिनाँक: 13th Feb, 2026

सेवा में,

Member Secretary
Northern Regional Power Committee.
18-A, Shaheed Jeet Singh Marg, Katwaria Sarai,
New Delhi-110016
Email: ms-nrpc@nic.in

विषय/**Sub**: Examination of the following proposal during the 95th meeting of TESG held on 6th January 2026.

प्रस्ताव का नाम / **Proposal Name: Capacity Building /Study Programmes on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (Proposal No: 480)**

महोदय,

The subject proposal of **NRPC** and the DPR furnished by them were discussed in the 95th TESG meeting held on 6th January 2026. The relevant extracts of deliberations and observations recorded during the meeting are as per the attached **Annexure-I.**

This is for your information and necessary action please.

सादर धन्यवाद,

भवदीय

13/02/2026

T. Bheemesh
Chief Manager (PSDF)
NLDC-Grid India

प्रति :

1. CE(NPC), CEA
2. ED, NLDC-Grid India
3. CGM (SO/PSDF), NLDC-Grid India- Convener of Techno Economic Subgroup

Annexure- 1

NRPC: Capacity Building /Study Programmes on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (Proposal No: 480)

- Estimated cost of project : ₹6.88 Cr
- Accepted Estimated Cost of DPR : ₹6.02 Cr
- Recommended Grant (100%) : ₹6.02 Cr

This proposal was examined and cleared by TESG in its 92nd meeting and the same put up for approval of Appraisal Committee in its 39th meeting, wherein this proposal was not recommended by Appraisal Committee & considered as business as usual. However, during the 26th Monitoring Committee meeting of PSDF, it was decided to accept Capacity Building project for PSDF funding. Therefore, this project was again being put up in TESG for further deliberation.

Deliberations in the 95th meeting of TESG:

a. TESG informed the entity that during the 26th Monitoring Committee meeting of PSDF, it was decided to accept Capacity Building project for PSDF funding of 70% and rest 30% cost to be borne by entity from its own sources. In this regard, TESG requested entity to submit its consent on 70% funding from PSDF for this project and 30% cost to be borne by entity from its own internal sources.

b. **TESG evaluated this proposal and found that the reply submitted by the entity is generally in order and hence, recommended the proposal of NRPC on "Capacity Building /Study Programmes on International Best Practices in Energy Transition for Constituents of Northern Regional Power Committee (Proposal No: 480)" at total estimated cost of ₹6.02 crores with GST, and with eligible 70% grant (as decided by the 26th Monitoring Committee) under the clause 5.1(f) of PSDF guidelines i.e. ₹4.214 crores (including GST) to Appraisal Committee of PSDF, subject to submission of the consent letter for acceptance of 70% funding from PSDF.**