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. No.: C/CTU/AI/00/32nd CCTP Date: 15th October 2026

OFFICE MEMORANDUM

Sub: Inter-State Transmission Schemes (costing up to Rs.100 Cr.) to be taken up for implementation under Regulated Tariff Mechanism (RTM).

The undersigned is directed to inform that CTU has approved the implementation of the following ISTS costing less than or equal to Rs.100 Cr. in line with the MoP office order dated 28.10.2021 and MoP Gazette notification dated 23.06.2025 under the Regulated Tariff Mechanism (RTM) mode by the implementing agencies as indicated in the table below:

Sl. No.	Name of Transmission Scheme	Implementing Agency
Northern Region		
1.	Augmentation of Transformation capacity by 1x500MVA, 400/220kV ICT (4th) at 400/220kV Sonepat (PG) S/s	Power Grid Corporation of India Ltd.
2.	Implementation of Dynamic Line Rating (DLR) system	765 kV Khetri – Jhatikra D/c line Implementing Agency: POWERGRID Khetri Transmission System Limited (PKTSL) (a wholly owned subsidiary of Power Grid Corporation of India Limited) 765 kV Aligarh- Gr. Noida line & 400 kV Jodhpur – Kankroli line Implementing Agency: Power Grid Corporation of India Limited 765 kV Khetri – Narela D/c line Implementing Agency: POWERGRID Narela Transmission Limited (PNTL) (a wholly owned subsidiary of Power Grid Corporation of India Limited) 400 kV RAPS-C – Shujalpur D/c line Implementing Agency:

		RTCL {RAPP Transmission Company Limited (subsidiary of Indigrid)}
Southern Region		
1.	Implementation of 1 no. of 400kV line bay at Kurnool-IV 765/400/220kV PS for integration of RE generation project of M/s Reliance NU Suntech Pvt. Ltd.	Kurnool-IV Transmission Limited (a wholly owned subsidiary of Power Grid Corporation of India Limited)
2.	Implementation of 2 nos. of 400kV line bays at Tirunelveli 400/230kV S/s for termination of Tirunelveli – Edamon 400kV D/c line (presently charged at 220kV) at 400kV level	Power Grid Corporation of India Ltd.
North Eastern Region		
1.	**North Eastern Region Expansion Scheme-XXX (NERES-XXX)**	Power Grid Corporation of India Ltd.

The detailed scope of works for the above transmission schemes is given at **Annexure-I.**

The above transmission schemes are awarded to the Implementing Agency for its implementation under RTM mode. The implementing agency shall enter into a concession agreement with CTU for the implementation of the above-mentioned transmission schemes through the Regulated Tariff Mechanism (RTM).

In line with 26th NCT MoM dated 06th January 2025, para 4.4, if there is any cost variation beyond 10% of CTUIL's cost, TSP is requested to intimate the DPR cost along with break-up of cost estimate of the subject scheme with supporting documents to CTUIL within 30 days of the allocation of the project/scheme by CTUIL.

This issues with the approval of Competent Authority.

15/10/2025

(R V M M Rao)
Chief General Manager

Encl: as stated.

To:

1. The Chairman & Managing Director Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurugram - 122001	**2. Chairman** POWERGRID Khetri Transmission System Limited (PKTSL) (a wholly owned subsidiary of Power Grid Corporation of India Limited) B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016
3. Chairman POWERGRID Narela Transmission Limited (PNTL) (a wholly owned subsidiary of Power Grid Corporation of India Limited) B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016	**4. CEO** RAPP TRANSMISSION COMPANY LIMITED (a 100% wholly owned subsidiary of INDIGRID). Address: 10 floor, Berger Tower, C-001/A2, Sector 16B, Gautam Buddha Nagar, Noida, Uttar Pradesh- 201301
5. Chairman Kurnool-IV Transmission Limited (a wholly owned subsidiary of Power Grid Corporation of India Limited) B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016	

Copy to:

1. Managing Director Assam Electricity Grid Corporation Limited Bijulee Bhawan, Paltan Bazar Guwahati (Assam) – 781001	With a request to take up implementation of AEGCL and NEEPCO portion of scope of works in matching time-frame of NERES-XXX as agreed in the 55th CMETS-NER held on 29-05-2026.
2. CMD North Eastern Electric Power Corporation Ltd. (NEEPCO) Brookland Compound, Lower New Colony, Shillong (Meghalaya) – 793003	

Annexure-I

Northern Region

1. Augmentation of Transformation capacity by 1x500MVA ,400/220kV ICT (4th) at Sonepat (PG) S/s

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation timeframe
1	Augmentation of 400/220 kV ,1x500 MVA (4th) ICT at 400/220kV Sonepat (PG) S/s along with transformer bays	• 500 MVA, 400/220 kV ICT- 1 no. • 400kV ICT Bay - 1 no. Main Bay (along with associated 1 no. Tie Bay) • 220 kV ICT bay- 1 no.	30 months from the scheme allocation
		Total Estimated Cost:	**INR 63.44 Cr (at Jan'26 PL)**

2. Implementation of Dynamic Line Rating (DLR) system

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Cost (in Rs Cr)	Implementation timeframe
1.	Implementation of Dynamic Line Rating (DLR) system in 765 kV Khetri – Jhatikra D/c line (146kM)	• No. of DLR sensor- 31 nos.	14.96	08 months from the scheme allocation
2.	Implementation of Dynamic Line Rating (DLR) system in 765 kV Aligarh – Gr. Noida line (51kM)	• No. of DLR sensor- 12 nos.	10.04	
3.	Implementation of Dynamic Line Rating (DLR) system in 765 kV Khetri – Narela D/c line (170kM)	• No. of DLR sensor- 35 nos.	8.95	
4.	Implementation of Dynamic Line Rating (DLR) system in 400 kV RAPS-C – Shujalpur D/c line (201kM)	• No. of DLR sensor- 42 nos.	16.00	

5.	Implementation of Dynamic Line Rating (DLR) system in 400 kV Jodhpur – Kankroli line (188kM)	• No. of DLR sensor- 39 nos.	16.78	
		Total Estimated Cost:	**INR 66.73 Cr**	

Southern Region

1. Implementation of 1 no. of 400kV line bay at Kurnool-IV 765/400/220kV PS for integration of RE generation project of M/s Reliance NU Suntech Pvt. Ltd.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	1 no. of 400kV line bay at Kurnool-IV 765/400/220kV PS for integration of RE generation project of M/s Reliance NU Suntech Pvt. Ltd.	• 400kV line bay – 1 no. Main Bay (Termination in existing spare bay of half diameter)	30.05.2029
		Total Estimated Cost:	**₹ 13.1 Crore (at Jan'26 PL)**

2. Implementation of 2 nos. of 400kV line bays at Tirunelveli 400/230kV S/s for termination of Tirunelveli – Edamon 400kV D/c line (presently charged at 220kV) at 400kV level

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	2 nos. of 400kV line bays at Tirunelveli 400/230kV S/s for termination of Tirunelveli – Edamon 400kV D/c line (presently charged at 220kV) at 400kV level	• 400 kV line bays – 2 Nos. Main bays (Termination in existing both spare bay of half diameter)	07.06.29 (Matching time frame of upgradation of Edamon S/s)
2.	Termination of upgraded Tirunelveli – Edamon 400kV D/c line at 400kV level (presently charged at 220kV)		
		Total Estimated Cost:	**₹32.36 Crore (at Jan'26 PL)**

North Eastern Region

1. North Eastern Region Expansion Scheme-XXX (NERES-XXX)

Sl. No.	Scope of the Transmission Scheme	Capacity (MVA) / Line length (km) / Nos.	Estimated Cost as per CTU OM dated 03-09-2025 (₹ Cr.)	Revised estimated cost as per latest price level / SOR (Cr.)
1.	Reconductoring of ISTS portion of Balipara (POWERGRID) – Sonabil (AEGCL) ckt-I 220kV line owned by POWERGRID with HTLS conductor of ampacity 1050A (at nominal voltage level)	8.623	5.39	4.42
2.	Reconductoring of ISTS portion of Balipara (POWERGRID) – Sonabil (AEGCL) ckt-II 220kV line owned by POWERGRID with HTLS conductor of ampacity 1050A (at nominal voltage level)	9.205	5.76	4.72
3.	Reconductoring of Silchar (POWERGRID) – Srikona (AEGCL) 132kV D/c line owned by POWERGRID with HTLS conductor of ampacity 900A (at nominal voltage level)	1.119	0.97	1.12
4.	Reconductoring of Panyor Lower (Ranganadi) HEP (NEEPCO) – Ziro (POWERGRID) 132kV S/c line owned by POWERGRID with HTLS conductor of ampacity 900A (at nominal voltage level)	44.52	20.54	23.56
5.	Extension at Balipara (POWERGRID) S/s		-	0.83
6.	Extension at Silchar (POWERGRID) S/s		-	0.12
7.	Extension at Srikona (AEGCL) S/s		-	0.25
8.	Extension at Ziro (POWERGRID) S/s		0.13	0.83
Total Estimated Cost:			**₹32.79 Crore**	**₹35.86 Crore (at Jan'26 PL)**