



# सेंद्रल ट्रान्समिशन 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/00/29<sup>th</sup> CCTP

31<sup>st</sup> March 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
<b>Western Region</b>		
1.	<b>Transmission scheme for providing connectivity to RE generation projects at Mandsaur PS</b>  A. Implementation of 1 no. 220 kV (Bus Section-1) line bay at Mandsaur S/s for 200 MW RHGS of M/s Hexa Climate Solutions Pvt. Ltd. (2200001037)  B. Implementation of 1 no. 400 kV line bay (Bus Section-1) at Mandsaur S/s for 600 MW RPP of M/s Sprng Green Energy 2 Pvt. Ltd. (2200000824)	Powergrid Mandsaur Transmission Ltd. (a Wholly owned subsidiary of Power Grid Corporation of India Ltd.)
2.	Western Region Bay Scheme-I (WRBS-I) for Implementation of 2 Nos. 220 kV line bays at Shujalpur (PG) S/s	Power Grid Corporation of India Ltd.
<b>Eastern Region</b>		
3.	Eastern Region Expansion Scheme-50: Spare Reactor at Sundargarh	Power Grid Corporation of India Ltd.
4.	Eastern Region Expansion Scheme-52: Purnea 220/132kV 4th ICT	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 26<sup>th</sup> NCT MoM dated 06<sup>th</sup> 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.

*Handwritten signature and date: RVM Rao, 31/01/2025*

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

**Encl: as stated.**

Western Region	
1.	Transmission scheme for providing connectivity to RE generation projects at Mandasur PS
	A implementation of 1 no 220 kv (Bus Section-1) line bay at Mandasur site for 300 MW RPHS of M/s Hexa Omega Solutions Pvt. Ltd. (220001037)
	B implementation of 1 no 400 kv line bay (Bus Section-1) at Mandasur site for 300 MW RPH of M/s Sping Green Energy 2 Pvt. Ltd. (220000824)
2.	Western Region Bay scheme-1 (WRBS-1) for implementation of 2 nos. 220 kv line bays at Shirsur (PT) site
Eastern Region	
3.	Eastern Region Expansion Scheme-01 (ERES-01) at Bundera
	Power Grid Corporation of India Ltd.
4.	Eastern Region Expansion Scheme-02 (ERES-02) at Pimpri
	Power Grid Corporation of India Ltd.

To:

<b>1. The Chairman &amp; Managing Director</b> Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurugram - 122 001	<b>2. Chairman</b> Powergrid Mandsaur Transmission Ltd. (a Wholly owned subsidiary of Power Grid Corporation of India Ltd.) B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016
--	---

Copy to:

<b>1. Chief Engineer PSPA-II &amp; Member Secretary (NCT)</b> Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi -110 066	<b>2. Additional Secretary (Transmission)</b> Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi -110 001
---	--

CC:

<b>1. Chairman &amp; Managing Director</b> Madhya Pradesh Power Transmission Co. Ltd., Block No. 3, Shakti Bhawan, Rampur, Jabalpur - 482 008	With the request to ensure the implementation of 220 kV lines in matching timeframe of the ISTS bays at Shujalpur (PG) S/s to be implemented under " <b>Western Region Bay Scheme-I (WRBS-I) for Implementation of 2 Nos. 220 kV line bays at Shujalpur (PG) S/s</b> ".
--	---

Western Region**1. Transmission scheme for providing connectivity to RE generation projects at Mandsaur PS**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe	Total Estimated Cost
<b>A. Implementation of 1 no. 220 kV line bay (Bus Section-1) at Mandsaur S/s for 200 MW RHGS of M/s Hexa Climate Solutions Pvt. Ltd. (2200001037)</b>				
1.	Implementation of 1 no. 220 kV line bay (Bus Section-1) at Mandsaur S/s for 200 MW RHGS of M/s Hexa Climate Solutions Pvt. Ltd. (2200001037)	• 220kV line bay- 1 No. (Sec-I)	30.06.2028 (refer note a)	₹ 5.73 Cr.
<b>B. Implementation of 1 no. 400 kV line bay (Bus Section-1) at Mandsaur S/s for 600 MW RPP of M/s Sprng Green Energy 2 Pvt. Ltd. (2200000824)</b>				
2.	Implementation of 1 no. 400 kV line bay (Bus Section-1) at Mandsaur S/s for 600 MW RPP of M/s Sprng Green Energy 2 Pvt. Ltd. (2200000824)	• 400kV line bay (in existing half diameter) – 1 No.	31.12.2029 (refer note b)	₹ 11.93 Cr.
<b>Total Estimated Cost:</b>				<b>₹ 17.66 Cr. {at May'25 Price level (PL)}</b>

## Note:

- Implementation Timeframe has been aligned with the start date of connectivity as per intimation for final grant of Connectivity to Hexa Climate Solutions Pvt. Ltd. for its 200 MW RHGS (appl. no. 2200001037).
- Implementation Timeframe has been aligned with the start date of connectivity as per intimation for final grant of Connectivity to Sprng Green Energy 2 Pvt. Ltd. for its 600 MW RPP (appl. no. 2200000824).

7749

**2. Western Region Bay Scheme-I (WRBS-I) for Implementation of 2 Nos. 220 kV line bays at Shujalpur (PG) S/s**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe	Total Estimated Cost
1.	2 Nos. 220kV line bays at Shujalpur (PG) S/s (for LILO of Shujalpur (MP) – Narsinghgarh (MP) 220kV line at Shujalpur (PG) S/s, which is being implemented by MPPTCL)	• 220kV line bays – 2 Nos.	18 Months from the date of issuance of OM by CTUIL (i.e.31.03.2026)	₹ 10.64 Cr.
<b>Total Estimated Cost</b>				<b>₹ 10.64 Cr. (at May'25 PL)</b>

Note:

- a. MPPTCL shall ensure that the implementation of 220 kV lines in matching timeframe of the above ISTS bays.

**Eastern Region**

**1. Eastern Region Expansion Scheme-50: Spare reactor at Sundargarh**

Sl. No.	Scope of works	Item Description	Implementation Timeframe	Total Estimated Cost
1.	Extension at Sundargarh (POWERGRID) 765/400kV S/s	• 765kV, 1x80MVAR, spare reactor along with necessary switching arrangement: 1 no. (to be utilized with switchable line reactors of Sundargarh-Raipur Pool 765kV D/c line)	21 Months from the date of issuance of OM by CTUIL (i.e.31.03.2026)	₹17.91 Cr.
<b>Total Estimated Cost</b>				<b>₹ 17.91 Cr. (at May'25 PL)</b>

*Handwritten signature/initials*

2. Eastern Region Expansion Scheme-52: Purnea 220/132kV 4<sup>th</sup> ICT

Sl. No.	Scope of works	Item Description	Implementation Timeframe	Total Estimated Cost
1.	Installation of a new 220/132kV, 1x200MVA ICT (4 <sup>th</sup> ) at Purnea (POWERGRID) S/s along with associated bays	<ul style="list-style-type: none"> <li>220/132kV, 1x200MVA ICT: 1 no.</li> <li>220kV ICT bay: 1 no. (in AIS)</li> <li>132kV ICT bay: 1 no. (in GIS) (through GIS Bus duct (3-ph) of approx.100 m)</li> </ul>	24 months from the date of issuance of OM by CTUIL (i.e.31.03.2026)	₹ 30.20 Cr.
<b>Total Estimated Cost:</b>				<b>₹ 30.20 Cr. (at Jan'26 PL)</b>

*Vhr*