



सेंट्रल 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.: CTUIL/OM/32/36th NCT

12th February 2026

To

The Chairman & Managing Director

Power Grid Corporation of India Ltd.,

Saudamini, Plot No. 2, Sector-29,

Gurgaon- 122 001

cmd@powergrid.in

Sub: Implementation of ISTS Transmission Scheme approved by NCT in its 36th meeting held on 30th December 2025 under Regulated Tariff Mechanism (RTM).

MoP vide letter dated 11th February 2026 approved the following ISTS Transmission schemes for its implementation under RTM mode by the respective implementing agency as indicated in the table below:

Sl. No.	Transmission Scheme	Implementing Agency
1.	Upgradation / Conversion of Udumalpet – Madurai 400kV S/c line to Udumalpet – Madurai 400kV (quad) D/c line	POWERGRID
2.	Reconductoring of Tirunelveli – Udumalpet and Pugalur – Madurai 400kV D/c lines with HTLS conductor	POWERGRID
3.	Pusauli HVDC Upgradation	POWERGRID

Copy of MoP Letter dated 11th February 2026 and Minutes of the 36th meeting of NCT dated 30.12.2025 is enclosed. The detailed scope of work along with implementation time frame for the above Transmission Schemes shall be as per the enclosed MoP letter.

The implementing agency shall enter into a concession agreement with CTUIL for implementation of the aforementioned Transmission Schemes. However, pending finalization of Concession Agreement, it is requested to initiate necessary actions for implementation of the aforementioned Transmission Schemes.

This is for your kind information and necessary action, please.

Thanking you.

Yours faithfully,


12/02/2026
R V M Rao

CGM (Transmission Planning)

Encl.: as stated.

No. 34-15/3/2026-Trans
Government of India
Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi-110001

Date: 11th February, 2026

To,
COO, CTUIL,
Gurugram.

Subject: New transmission scheme to be taken up under Regulated Tariff Mechanism (RTM) based on the recommendation of 36th Meeting of National Committee on Transmission (NCT).

I am directed to say that the following transmission schemes, which were recommended in 36th meeting of the National Committee on Transmission (NCT) have been approved for implementation under the Regulated Tariff Mechanism (RTM) mode by agencies as indicated in the table below:

Sl. No.	Element	Agency
1.	Upgradation / Conversion of Udumalpet – Madurai 400kV S/c line to Udumalpet – Madurai 400kV (quad) D/c line	POWERGRID
2	Reconductoring of Tirunelveli – Udumalpet and Pugalur – Madurai 400kV D/c lines with HTLS conductor	POWERGRID
3	Pusauli HVDC Upgradation.	POWERGRID

3. Detailed scope of work for the above schemes as recommended by the 36th NCT is at **Annexure**.

4. These schemes are awarded to CTUIL for its implementation under RTM mode. The CTUIL is requested to take necessary action for entering into a concession agreement with agencies as mentioned in table at Para 1 above, for implementation of these schemes.

5. This issues with the approval of Minister of Power.

Yours faithfully,

Indrakumar Singh 11/2/26

(Naorem Indrakumar Singh)
Under Secretary (Trans)

Tele-Fax: 2332 5242

Email: transdesk-mop@nic.in

Copy to:

1. Member (PS), CEA, New Delhi
2. CMD, PGCIL, Gurugram.

ANNEXURE

1. Upgradation / Conversion of Udumalpet – Madurai 400kV S/c line to Udumalpet – Madurai 400kV (quad) D/c line

The detailed scope of work is as below:

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Upgradation / Conversion of Udumalpet – Madurai 400kV S/c line to Udumalpet – Madurai 400kV (quad) D/c line along with associated bay upgradation works at Udumalpet and Madurai substations	~ 127 km <ul style="list-style-type: none"> • 400 kV line bays – 1 no. at Udumalpet • Upgradation of existing bay equipment at Udumalpet end • 400 kV line bays – 1 no. at Madurai • Upgradation of existing bay equipment at Madurai end

Note: Tentative implementation timeframe: 30 months

2. Reconductoring of Tirunelveli – Udumalpet and Pugalur – Madurai 400kV D/c lines with HTLS conductor

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Reconductoring of Tirunelveli – Udumalpet 400kV D/c line with HTLS conductor. (Capacity 2100 MVA)	~ 265 km
2.	Upgradation of bay equipments at Tirunelveli end	
3.	Upgradation of bay equipments at Udumalpet end	
4.	Reconductoring of Pugalur – Madurai 400kV D/c line with HTLS conductor. (Capacity 2100 MVA)	~ 123.64 km
5.	Upgradation of bay equipments at Pugalur end	
6.	Upgradation of bay equipments at Madurai end	

Note: Tentative implementation timeframe: 24 months

3. Pusauli HVDC Upgradation

S.N o.	Scope of work	Capacity (MVA) / Line length (km)/ Nos.
1	Upgradation of existing 500MW LCC based HVDC Back-to-Back (BTB) at Pusauli (Sasaram) to 1000MW VSC based HVDC Back-to-Back	1000MW VSC based HVDC

Note:

- Silicon Carbide (SiC) MOSFETs based Power Modules are to be used for 1000MW HVDC VSC Back to Back.
- All the terms & conditions of MoP vide letter no 25-10/66/2024-PG dated 25-09-2025 may be fulfilled by the TSP.
- Tentative implementation timeframe: 60 months