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.: CTUIL/OM/21/27th NCT

24th February 2025

As per distribution list

Sub: Implementation of ISTS Transmission Schemes approved by NCT in its 27th meeting held on 06th February 2025 under Regulated Tariff Mechanism (RTM).

NCT vide letter dated 24.02.2025 has awarded following ISTS Transmission scheme for its implementation under RTM mode by the respective implementing agency as indicated in the table below:

Sl. No.	Transmission Schemes	Implementing Agency
I. ISTS Communication schemes approved by NCT under RTM Route		
1.	OPGW installation on existing 765kV Fatehpur-Varanasi S/c & 765 kV Fatehpur-Sasaram S/c Lines which are proposed to be LILOed at New Prayagraj (ISTS).	POWERGRID
2.	VOIP Communication system for Grid-Operation for all Five Regions NR, NER, SR, WR, ER as PAN India	POWERGRID
3.	Establishment of State-of-the-Art National Unified Network Management System (N-UNMS) in main & backup configuration integrating all the regional UNMSs.	POWERGRID
4.	Utilization of OPGW laid by M/s BDTCL on 765kV S/c Bhopal (BDTCL) – Indore (PG) & 765kV S/c Vadodara (PG) - Dhule (BDTCL) – Aurangabad (PG) line by upgrading STM-1 FOTE to STM-16 FOTE at Bhopal (BDTCL), Indore (PG), Dhule (BDTCL), Aurangabad (PG) and Vadodara (PG) S/s.	Bhopal Dhule Transmission Company Ltd. (BDTCL)
5.	Supply and Installation of OPGW on existing 765kV Gwalior – Satna S/c Line which is proposed to be LILOed at Karera (near Datiya) S/s under TBCB project namely "Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B"	POWERGRID
II. ISTS Transmission schemes approved by NCT under RTM Route		
1.	Augmentation of transformation capacity at Bhuj-II PS (GIS)	POWERGRID Bhuj Transmission Limited

Copy of NCT letter dated 24.02.2025 is enclosed. The detailed scope of work along with implementation time frame for the above ISTS Communication and Transmission Schemes shall be as per the enclosed NCT letter and Minutes of the 27th meeting of NCT.

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,

(Partha Sarathi Das)
Sr. General Manager

Encl.: as stated.

Distribution List:

1. **The Chairman & Managing Director** Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001 cmd@powergrid.in	2. **Head-Regulatory,** M/s Bhopal Dhule Transmission Company Ltd. (BDTCL) 101, Windsor, CST Road, Santacruz East, Mumbai – 400098 (Maharashtra)
3. **Executive Director (TBCB)** POWERGRID Bhuj Transmission Limited Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001 ppandey@powergrid.in bkpradhan@powergrid.in	

सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II
Power System Planning & Appraisal Division-II

सेवा में / To

Chief Operating Officer, CTUIL
Floors Nos. 5-10, Tower 1, Plot Nos. 16,
IRCON International Tower, Institutional Area,
Sector 32, Gurugram, Haryana – 122001

विषय: एनसीटी द्वारा 06.02.2025 को आयोजित अपनी 27वीं बैठक में अनुमोदित आईएसटीएस ट्रांसमिशन/संचार योजनाओं का कार्यान्वयन- के बारे में

Subject: Implementation of ISTS Transmission/Communication Schemes approved by NCT in its 27th meeting held on 06.02.2025- regarding

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission and Communication Schemes in its 27th meeting held on 06.02.2025, in line with MoP office order dated 28.10.2021 and MoP Guidelines dated 09th March, 2022, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

I. Communication schemes approved by NCT:

Sl. No.	Name of Transmission Scheme	Implementation Mode	Tentative Implementation timeframe	Implementing Agency	Estimated Cost (Rs. Crs)
1.	OPGW installation on existing 765kV Fatehpur-Varanasi S/c & 765 kV Fatehpur-Sasaram S/c Lines which are proposed to be LILOed at New Prayagraj (ISTS)	RTM	24 months from the date of allocation or with matching timeframe of the transmission project "Inter-regional (NR-WR) Transmission System strengthening to relieve the	POWERGRID	33.24

			loading of 765 kV Vindhyachal-Varanasi D/c line" whichever is lower		
2.	VOIP Communication system for Grid-Operation for all Five Regions NR, NER, SR, WR, ER as PAN India	RTM	18 months from the date of allocation	POWERGRID	156.52
3.	Establishment of State-of-the-Art National Unified Network Management System (N-UNMS) in main & backup configuration integrating all the regional UNMSs.	RTM	24 months from the date of allocation	POWERGRID	128 (including AMC)
4.	Utilization of OPGW laid by M/s BDTCL on 765kV S/c Bhopal (BDTCL) – Indore (PG) & 765kV S/c Vadodara (PG) - Dhule (BDTCL) – Aurangabad (PG) line by upgrading STM-1 FOTE to STM-16 FOTE at Bhopal (BDTCL), Indore (PG), Dhule (BDTCL), Aurangabad (PG) and Vadodara (PG) S/s.	RTM	12 months from the date of allocation.	Approved for implementation by M/s Bhopal Dhule Transmission Company Ltd. (BDTCL)	2.6
5.	Supply and Installation of OPGW on existing 765kV Gwalior – Satna S/c Line which is proposed to be LILOed at Karera (near Datiya) S/s under TBCB project namely "Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B".	RTM	Matching time frame of upcoming LILO of the said line or 24 months from the date of allocation whichever is earlier.	POWERGRID	23.5

II. ISTS Transmission schemes, approved by NCT under RTM route is given below:

Sl.	Name of Transmission	Implementation	Implementation	Estimated

No.	Scheme	Mode	timeframe	Cost (₹ Cr)
1.	Augmentation of transformation capacity at Bhuj-II PS (GIS)	RTM through POWERGRID Bhuj Transmission Limited	21 months	428

The broad scope of above schemes are given below

Sl. No.	Name of Scheme & Tentative implementation timeframe	Broad Scope
1.	Augmentation of transformation capacity at Bhuj-II PS (GIS) **Implementation Timeframe: 21 Months**	i) Augmentation of transformation capacity at Bhuj-II PS (GIS) by 2x500 MVA, 400/220 kV ICT (5th & 6th) and by 1x1500 MVA, 765/400 kV ICT (3rd) ii) Implementation of 220 kV GIS line bay at Bhuj-II PS for ABREL (RJ) Projects Limited **(Detailed scope as approved by 16th NCT and subsequent amendments thereof)**

The above schemes are awarded to CTUIL for implementation under RTM mode. CTUIL is requested to take necessary action for entering into a concession agreement with the respective agency for implementation of the above schemes.

CTU is requested to intimate the implementing Agency. Detailed scope of the schemes are as per minutes of the meeting. Copy of the minutes are enclosed.

Encl.: As above.

भवदीय / Yours faithfully,

24.12.2025

(बी.एस.बैरवा/ B.S.Bairwa)

मुख्य अभियन्ता (इंचार्ज) एवं सदस्य सचिव,एन.सी.टी./

Chief Engineer (I/C) & Member Secretary (NCT)

Copy to:

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