



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 18.05.2026 को आयोजित इकतालीसवी बैठक में अनुमोदित आईएसटीएस ट्रांसमिशन/संचार योजनाओं का कार्यान्वयन- के बारे में ।

Subject: Implementation of ISTS Transmission/Communication Schemes approved by NCT in 41st meeting held on 18.05.2026- regarding

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission and Communication Schemes in its 41st meeting held on 18.05.2026, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

1. New transmission schemes

(a) Following new transmission schemes were approved by the NCT under RTM mode:

Sl. No.	Name of the scheme and tentative implementation timeframe	Implementation Mode	Estimated Cost (₹ Crore)	Implementation timeframe
1.	ERES-48: Jeerat – Rajarhat – Subhasgram reconductoring	Under RTM through POWERGRID	Rs. 211.79 crore	30 months from the date of allocation
2.	Augmentation of Transformation capacity at 765/400kV Champa PS by installation of 1500 MVA ICT, 765/400 kV (7th ICT on Bus Section-B)	Under RTM through POWERGRID	Rs. 145.12 crore	Matching with the commissioning of the WR-ER Inter-Regional Network Expansion Scheme - Part A (36 months from effective date)
3.	Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with	Under RTM through POWERGRID	Rs. 341.21 crore	24 months

	HTLS conductor.			
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(b) The broad scope of above schemes is given below:

Sl. No.	Name of Scheme & Tentative implementation timeframe	Broad Scope
1.	ERES-48: Jeerat – Rajarhat – Subhasgram reconductoring Implementation timeframe- 30 months from the date of allocation	- Reconductoring of Jeerat (WBSETCL) – Rajarhat (POWERGRID) 400kV S/c line (Twin ACSR Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1516A)-41 ckm - Reconductoring of Jeerat (WBSETCL) – Subhasgram (POWERGRID) 400kV S/c line (Twin ACSR Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1516A)-65 ckm - Reconductoring of Rajarhat (POWERGRID) – Subhasgram (POWERGRID) 400kV S/c line (Twin ACSR Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1516A)- 34 ckm - Upgradation of 400kV bay equipment at Jeerat (WBSETCL) S/s - Upgradation of 400kV bay equipment at Rajarhat (POWERGRID) S/s - Upgradation of 400kV bay equipment at Subhasgram (POWERGRID) S/s (Detailed scope as approved by NCT in 41st meeting and subsequent amendments thereof)
2.	Augmentation of Transformation capacity at 765/400kV Champa PS by installation of 1500 MVA ICT, 765/400 kV (4th ICT on Bus Section-B) with associated ICT bays Implementation timeframe: Matching with the commissioning of the WR-ER Inter-Regional Network Expansion Scheme - Part A (36 months from effective date).	765/400 kV, 1500 MVA ICT – 1 No. (comprising 3x500 MVA single-phase units) 765 kV ICT bays – 1 No. [Utilizing existing Bay No. 726 – presently occupied by 765 kV, 240 MVAR Bus Reactor – along with Bay 725 (Tie Bay)] 400 kV ICT bay –1 No. [Bay No. 433 - New, along with Bay No. 434 - Tie (New)] 765kV Bus Reactor Bay – 1 No. (New Bay No. 724) (Detailed scope as approved by NCT in 41st meeting and subsequent amendments thereof)
3.	Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with HTLS conductor. Implementation	- Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with HTLS conductor (Capacity - 2100 MVA)-104.5 km - Upgradation of bay equipments at Gooty end - Upgradation of bay equipments at Tumkur

	timeframe: 24 months	(Pavagada) end (Detailed scope as approved by NCT in 41st meeting and subsequent amendments thereof)
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2. Communication Scheme

(c) Following communication schemes were approved by the NCT under RTM mode:

Sl. No.	Name of the scheme and tentative implementation timeframe	Implementation Mode	Estimated Cost (₹ Crore)	Implementation timeframe
I.	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part A	Under RTM through POWERGRID	15.81 crore	30 months from the date of allocation
II	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part B	Under RTM through Kudgi Transmission Ltd. (M/s Sekura)	5.09 crore	24 months from the date of allocation
III	Replacement of 12 no. of FOTE at critical ISTS location in Southern Region	Under RTM through POWERGRID	8.14 crore	18 months from the date of allocation

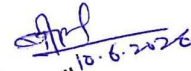
(d) The broad scope of above schemes is given below:

Sl. No.	Name of Scheme & Tentative implementation timeframe	Broad Scope
1.	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part A Implementation timeframe: 30 months from the date of allocation	(i) Supply & installation of OPGW (48F) on following lines: (a) 400KV NP Kunta (PG) – Hindupur (APTANSCO) – 120.34 kms. (b) Kurnool (APTRANSCO) -Gooty (PG) – 84.59 kms. (c) 220kV Kundra-Edamon – 60 kms. (ii) 1 no. of STM-16 FOTE at APSLDC along with required interfaces. (iii) 1 no. of STM-16 FOTE at Kundra along with required interfaces. (iv) All the equipment under this scheme to be integrated with UNMS (Detailed scope as approved by NCT in 41st meeting and subsequent amendments thereof)
2.	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part B Implementation timeframe: 24 months from the date of	➤ Supply & installation of OPGW (48F) on 400 KV Madhugiri - Bidadi D/c line (92.57 kms.) along with approach Cable, FODP and Optical Interfaces at both end Stations. (Detailed scope as approved by NCT in 41st meeting and subsequent amendments thereof)

	allocation	
3.	Replacement of 12 no. of FOTE at critical ISTS location in Southern Region Implementation timeframe: 18 months from the date of allocation	- Supply & installation of 12 no. of FOTE (1 nos. STM-64 capacity & 11 nos. STM-16 capacity) - All the equipment under this scheme to be integrated with UNMS (Detailed scope as approved by NCT in 41st meeting and subsequent amendments thereof)

The above schemes are awarded to CTUIL for implementation under RTM mode. CTUIL is requested to take further necessary action in this matter.

भवदीय / Yours faithfully,



(बी.एस. बैरवा/ B.S. Bairwa)

मुख्य अभियन्ता एवं सदस्य सचिव, एन.सी.टी./
Chief Engineer & Member Secretary (NCT)

Copy to:

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