



# सेंद्रल ट्रान्समिशन यटिलिटी 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/37/41<sup>st</sup> NCT

10<sup>th</sup> June 2026

### As per distribution List

**Sub: Implementation of ISTS Transmission /Communication Scheme approved by NCT in its 41<sup>st</sup> meeting held on 18<sup>th</sup> May 2026 under Regulated Tariff Mechanism (RTM).**

NCT vide letter dated 10.06.2026 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.	ERES-48: Jeerat – Rajarhat – Subhasgram reconductoring	POWERGRID
2.	Augmentation of transformation capacity at 765/400 kV Champa PS by installation of 1500 MVA, 765/400 kV ICT (7th ICT on Bus Section-B)	POWERGRID
3.	Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with HTLS conductor.	POWERGRID
Sl. No.	Communication Schemes	Implementing Agency
1.	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part A	POWERGRID
2.	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part B	Kudgi Transmission Ltd. (M/s Sekura)
3.	Replacement of 12 no. of FOTE at critical ISTS locations in Southern Region	POWERGRID

Copy of NCT letter dated 10.06.2026 is enclosed at **Annexure-A**. The detailed scope of work along with implementation time frame for the above Transmission and Communication Schemes shall be as per the enclosed NCT letter and Minutes of the 41<sup>st</sup> meeting of NCT dated 09.06.2026.

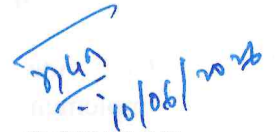
7/5/26

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,

Handwritten signature in blue ink, appearing to be 'RVM Rao', with the date '10/06/2020' written below it.

**R V M M Rao**  
**CGM (Transmission Planning)**

**Encl.: as state**

**Distribution List:**

<p><b>1. The Chairman &amp; Managing Director</b> Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon-122001 <a href="mailto:cmd@powergrid.in">cmd@powergrid.in</a></p>	<p><b>2. Assistant Vice-president</b> Kudgi Transmission Ltd. (M/s Sekura), 91 Springboard Business Hub Private Limited, E3, Rani Jhansi, Road, Jhandewalan Estate, Jhandewalan, Delhi-110055 <a href="mailto:Neeraj.Verma@energy-sel.com">Neeraj.Verma@energy-sel.com</a></p>
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**CC**

<p><b>1. Managing Director</b> West Bengal State Electricity Transmission Company Ltd. (WBSETCL) Vidyut Bhavan, 8th Floor, A-Block, Salt Lake City, Kolkata- 700091 <a href="mailto:cmd@wbsetcl.in">cmd@wbsetcl.in</a>; <a href="mailto:md@wbsetcl.in">md@wbsetcl.in</a>, <a href="mailto:cpd.wbsetcl@gmail.com">cpd.wbsetcl@gmail.com</a></p>	<p>WBSETCL may note the scope to be implemented by them under Intra state as mentioned in the Minutes of 41<sup>st</sup> meeting of NCT in the matching time frame of “ERES-48: Jeerat – Rajarhat – Subhasgram reconductoring” ISTS scheme.</p>
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**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 इकतालीसवीं बैठक में अनुमोदित आईएसटीएस ट्रांसमिशन/संचार योजनाओं का कार्यान्वयन- के बारे में ।**

**Subject: Implementation of ISTS Transmission/Communication Schemes approved by NCT in 41<sup>st</sup> 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 41<sup>st</sup> 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.	<p>ERES-48: Jeerat – Rajarhat – Subhasgram reconductoring</p> <p><b>Implementation timeframe-</b> 30 months from the date of allocation</p>	<ul style="list-style-type: none"> <li>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</li> <li>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</li> <li>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</li> <li>Upgradation of 400kV bay equipment at Jeerat (WBSETCL) S/s</li> <li>Upgradation of 400kV bay equipment at Rajarhat (POWERGRID) S/s</li> <li>Upgradation of 400kV bay equipment at Subhasgram (POWERGRID) S/s</li> </ul> <p><b>(Detailed scope as approved by NCT in 41<sup>st</sup> meeting and subsequent amendments thereof)</b></p>
2.	<p>Augmentation of Transformation capacity at 765/400kV Champa PS by installation of 1500 MVA ICT, 765/400 kV (4<sup>th</sup> ICT on Bus Section-B) with associated ICT bays</p> <p><b>Implementation timeframe:</b> Matching with the commissioning of the WR-ER Inter-Regional Network Expansion Scheme - Part A (36 months from effective date).</p>	<ul style="list-style-type: none"> <li>765/400 kV, 1500 MVA ICT – 1 No. (comprising 3x500 MVA single-phase units)</li> <li>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)]</li> <li>400 kV ICT bay –1 No. [Bay No. 433 - New, along with Bay No. 434 - Tie (New)]</li> <li>765kV Bus Reactor Bay – 1 No. (New Bay No. 724)</li> </ul> <p><b>(Detailed scope as approved by NCT in 41<sup>st</sup> meeting and subsequent amendments thereof)</b></p>
3.	<p>Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with HTLS conductor.</p> <p><b>Implementation</b></p>	<ul style="list-style-type: none"> <li>Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with HTLS conductor (Capacity - 2100 MVA)-104.5 km</li> <li>Upgradation of bay equipments at Gooty end</li> <li>Upgradation of bay equipments at Tumkur</li> </ul>

<b>timeframe:</b> 24 months	(Pavagada) end <b>(Detailed scope as approved by NCT in 41<sup>st</sup> meeting and subsequent amendments thereof)</b>
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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 on 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  <b>Implementation timeframe:</b> 30 months from the date of allocation	(i) Supply & installation of OPGW (48F) on following lines: <b>(a) 400KV NP Kunta (PG) – Hindupur (APTANSCO) – 120.34 kms.</b> <b>(b) Kurnool (APTRANSCO) -Gooty (PG) – 84.59 kms.</b> <b>(c) 220kV Kundra-Edamon – 60 kms.</b> (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  <b>(Detailed scope as approved by NCT in 41<sup>st</sup> meeting and subsequent amendments thereof)</b>
2.	Comprehensive Scheme for OPGW installation on the existing lines of ISTS in Southern Region- Part B  <b>Implementation timeframe:</b> 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.  <b>(Detailed scope as approved by NCT in 41<sup>st</sup> meeting and subsequent amendments thereof)</b>

	allocation	
3.	<p>Replacement of 12 no. of FOTE at critical ISTS location in Southern Region</p> <p><b>Implementation timeframe:</b> 18 months from the date of allocation</p>	<ul style="list-style-type: none"> <li>Supply &amp; installation of 12 no. of FOTE (1 nos. STM-64 capacity &amp; 11 nos. STM-16 capacity)</li> <li>All the equipment under this scheme to be integrated with UNMS</li> </ul> <p><b>(Detailed scope as approved by NCT in 41<sup>st</sup> meeting and subsequent amendments thereof)</b></p>

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,

  
10.6.2026

(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