



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/29/33rd NCT/R1

1st October 2025

As per distribution list

Sub: Implementation of ISTS Transmission Schemes approved by NCT in its 33rd meeting held on 16th September 2025 under Regulated Tariff Mechanism (RTM). - Corrigendum

NCT vide letter dated 26.09.2025 has awarded following ISTS Transmission scheme for its implementation through RTM mode by POWERGRID as indicated in the table below:

Sl. No.	Schemes	Implementing Agency
1.	Schemes to resolve high loading on Lara-I – Raigarh (Kotra) 400 kV D/c line.	POWERGRID

CTUIL vide letter dated 26.09.2025 had forwarded the NCT letter to the POWERGRID. Now, NCT vide letter dated 29.09.2025 has issued corrigendum to the cost for the scheme stated above' as Rs. 59.15 Cr. instead of Rs. 100.23 Cr.

Copy of NCT letter dated 29.09.2025 is enclosed. The detailed scope of work along with implementation time frame for the above ISTS Transmission Scheme shall be as per the enclosed NCT letter and Minutes of the 33rd meeting of NCT dated 16.09.2025.

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

Thanking you.

Yours faithfully,

विकास बगड़िया/Vikas Bagadia

मुख्य महाप्रबंधक/Chief General Manager

Encl.: as stated.

Distribution List:

The Chairman & Managing Director
Power Grid Corporation of India Ltd.,
Saudamini, Plot No. 2, Sector-29,
Gurgaon- 122 001
cmd@powergrid.in



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केंद्रीय 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 : 16.09.2025 को आयोजित एनसीटी की 33 वीं बैठक में अनुमोदित आईएसटीएस
ट्रांसमिशन/संचार योजनाओं के कार्यान्वयन के लिए शुद्धिपत्र- के बारे में**

**Subject: Corrigendum to the Implementation of ISTS Transmission/Communication
Schemes approved by NCT in 33rd meeting held on 16.09.2025- regarding**

महोदया (Madam) / महोदय (Sir),

Letter regarding Implementation of ISTS Transmission and Communication Schemes approved in the 33rd meeting of NCT held on 16.09.2025 were issued vide CEA letter dated 26.09.2025. In the letter, the cost at Sl.No. 2 of the table in part I may be read as Rs 59.15 Crs instead of Rs 100.23 Crs.

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

सेवा भवन, आर. के. पुरम-I, नई दिल्ली-110066 टेलीफैक्स: 011-26732325 ईमेल: cea-pspa2@gov.in वेबसाइट: www.cea.nic.in

Sewa Bhawan, R.K Puram-I, New Delhi-110066 Telefax: 011-26732325 email: cea-pspa2@gov.in Website: www.cea.nic.in



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/29/33rd NCT

26th September 2025

Sub: Implementation of ISTS Transmission/Communication Schemes approved by NCT in its 33rd meeting held on 16th September 2025 under Regulated Tariff Mechanism (RTM).

NCT vide letter dated 26.09.2025 has awarded following ISTS Transmission/Communication schemes for its implementation through RTM mode by the respective implementing agency as indicated in the table below:

Sl. No.	Schemes	Implementing Agency
I. ISTS Transmission Schemes approved by NCT under RTM Route		
1.	Shifting of 2 Nos. of 63 MVAR line reactors at Madhugiri S/s to vacant 400 kV bays (space) to use as Bus Reactors.	POWERGRID
2.	Schemes to resolve high loading on Lara-I – Raigarh (Kotra) 400 kV D/c line.	POWERGRID
II. ISTS Communication Schemes approved by NCT under RTM Route		
1.	Redundant communication for Narora Atomic Power Plant (NPCIL) (NAPP).	POWERGRID
2.	Redundant communication for Saharanpur S/s (PG).	POWERGRID
3.	Redundant communication for Manesar S/s.	POWERGRID
4.	Communication requirement incidental to upcoming CN'Halli ISTS S/s.	POWERGRID
5.	Replacement of 15 nos. of FOTE at critical ISTS location in Southern Region.	POWERGRID

Copy of NCT letter dated 26.09.2025 is enclosed. The detailed scope of work along with implementation time frame for the above ISTS Transmission/Communication Schemes shall be as per the enclosed NCT letter and Minutes of the 33rd meeting of NCT issued on 26.09.2025.

The implementing agency shall enter into a concession agreement with CTUIL for implementation of the aforementioned Transmission Scheme. 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,



(Vikas Bagadia)

Chief 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



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 16.09.2025 को आयोजित 33 वीं बैठक में अनुमोदित आईएसटीएस
 ट्रांसमिशन/संचार योजनाओं का कार्यान्वयन- के बारे में**

**Subject: Implementation of ISTS Transmission/Communication Schemes approved by
 NCT in 33rd meeting held on 16.09.2025- regarding**

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission and Communication Schemes in its 33rd meeting held on 16.09.2025, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

I. ISTS Transmission schemes, costing less than Rs 500 Crore, approved by NCT under RTM route is given below:

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Estimated Cost (₹ Cr)
1.	Shifting of 2 Nos. of 63 MVar line reactors at Madhugiri S/s to vacant 400 kV bays (space) to use as bus reactors	RTM through POWERGRID	24 months from the date of allocation	28
2.	Scheme to resolve High loading on Lara-I – Raigarh (Kotra) 400 kV D/c line	RTM through POWERGRID	18 months from award to implementing agency (15 months on best effort basis)	100.23

The broad scope of above schemes are given below

Sl. No.	Name of Scheme & Tentative implementation timeframe	Broad Scope
1.	Shifting of 2 Nos. of 63 MVAR line reactors at Madhugiri S/s to vacant 400 kV bays (space) to use as bus reactors Implementation timeframe: 24 months from the date of allocation	<ul style="list-style-type: none"> Shifting of 63 MVAR line reactors [2 nos.] to vacant 400 kV bays [space] [at Madhugiri S/s] 400 kV bays – 2 Nos. [at Madhugiri S/s for utilisation of 2 nos. of 63 MVAR line reactors as bus reactors]
2.	Scheme to resolve High loading on Lara-I – Raigarh (Kotra) 400 kV D/c line Implementation Timeframe: 18 months from award to implementing agency (15 months on best effort basis)	i) Reconductoring of existing Lara-I – Raigarh (Kotra) 400kV D/c line with twin HTLS conductor with minimum capacity of 2100MVA per ckt at nominal voltage. ii) Wave trap upgradation for 2 nos. 400kV bays at Raigarh (Kotra) end of Lara-I – Raigarh (Kotra) 400kV D/c line from 2000A to 3150A (Detailed scope as approved by 32nd NCT and subsequent amendments thereof)

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

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Estimated Cost (₹ Cr)
1.	Redundant communication for Narora Atomic Power Plant (NPCIL) (NAPP)	RTM through POWERGRID	24 months from the date of allocation	6.45
2.	Redundant communication for Saharanpur S/s (PG)	RTM through POWERGRID	12 months from the date of allocation	2.1
3.	Redundant communication for Manesar S/s	RTM through POWERGRID	24 months from the date of allocation	2.1
4.	Communication requirement incidental to upcoming CN'Halli ISTS S/s	RTM through POWERGRID	24 months from the date of allocation and matching time frame with transmission scheme "Transmission System for	2.5

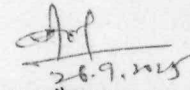
			Integration of Ananthapuram-II REZ - Phase-II (3 GW)"	
5.	Replacement of 15 no. of FOTE at critical ISTS location in Southern Region	RTM through POWERGRID	18 months from the date of allocation	10.21

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,



(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

