



सेंद्रल ट्रान्समिशन यूलिटी 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)

संदर्भ/Ref: CTU/PMG/46th JCC-ER/MoM

दिनांक/Date: 28.01.2026

वितरण सूची के अनुसार/ As per Distribution List

विषय: पूर्वी क्षेत्र में विद्युत उत्पादन एवं ISTS पारेषण परियोजनाओं के लिए 46^{वीं} संयुक्त समन्वय समिति की बैठक – बैठक के कार्यवृत्त/ 46th Joint Co-ordination Committee Meeting for Generation Projects in Eastern Region – Minutes of Meeting

महोदय/महोदया/ Sir/ Madam,

संयुक्त समन्वय समिति की 46^{वीं} बैठक 19 दिसम्बर, 2025 को वीडियो कॉन्फ्रेंस के माध्यम से उत्पादन और ISTS पारेषण परियोजनाओं की स्थिति की समीक्षा करने के लिए आयोजित की गई थी। इस संबंध में, उत्पादन प्रोजेक्ट्स और संबंधित ISTS पारेषण प्रणाली की प्रगति का संकेत देते हुए बैठक के कार्यवृत्त संलग्न है। उक्त कार्यवृत्त सी.टी.यू. की वेबसाइट (www.ctuil.in >> ISTS Planning and Coordination >> Joint Coordination Committee Meetings >> Eastern Region) पर भी उपलब्ध है।

The 46th meeting of Joint Co-ordination Committee was held on 19th December 2025 through Video Conference to review the status of upcoming generation & transmission projects in the Eastern Region. In this regard, please find enclosed the Minutes of Meeting indicating the progress of generation projects and associated ISTS transmission system. The same is also available on CTU website (www.ctuil.in >> ISTS Planning and Coordination >> Joint Coordination Committee Meetings >> Eastern Region).

धन्यवाद/ Thanking you,

भवदीय / Yours faithfully,

(रामचन्द्र) / (Ramchandra)

वरिष्ठ महाप्रबंधक / Sr. GM

प्रतिलिपि/Copy to: For kind information please:

Director (Transmission) Ministry of Power Govt. of India, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001	Joint Chief (Engineering) Central Electricity Regulatory Commission, 3rd & 4th floor, Chanderlok Building, 36, Janpath, New Delhi – 110001
Chief Engineer (PSP&A-II) Central Electricity Authority, Sewa Bhawan, R K Puram, New Delhi – 110066	Chief Engineer (PSPM) Central Electricity Authority, Sewa Bhawan, R K Puram, New Delhi – 110066

वितरण सूची/ Distribution List - ER:

A) Generating Companies/Bulk Consumers in Eastern Region

1. AGM (PE-Electrical) NTPC (North Karanpura) EOC Complex, A-8A, Sec-24, Noida, UP-201301 Email: mkdinker@ntpc.co.in	2. Shri Anil Kumar Dash CEO Lanco Teesta Hydro Power Limited (LTHPL) NHPC Ltd. Teesta -V Power Station Office Complex NHPC Limited Balutar, Singtam, Sikkim – 121003 Email: ceolthpl@nhpc.nic.in ; enm-teesta6@nhpc.nic.in
3. Shri Ram Swaroop Chief Executive Officer Jalpower Corporation Limited Rangit-IV HEP Hingdam, NHPC Colony Rangit Nagar, South Sikkim Sikkim – 737111 Email – rangit4@nhpc.nic.in ; trenhpc@nhpc.nic.in ; electrical-rangit4@nhpc.nic.in	4. Shri Suman Ganguly Managing Director India Power Corporation Limited Plot No. X1-2 & 3, Block – EP Sector-V, Salt Lake City Kolkata – 700091 Email: bidyut.saha@indiapower.com suman.ganguly@indiapower.com
5. Shri Pritpal Singh DGM, Ind-Barath Energy (Utkal) Ltd. JSW Centre Bandra Kurla Complex, Bandra East, Mumbai, Maharashtra Email: pritpal.singh@jsw.in mahendra.malik@jsw.in	6. Shri Kura Ravi Kumar AGM (PE-Electrical) NTPC Limited (Barh) NTPC SRHQ, Kavadiyuda Main Road, Secunderabad Telangana – 500080 Email: kuraravikumar@ntpc.co.in ; abhishekkhanna@ntpc.co.in ;
7. Shri Kura Ravi Kumar Additional General Manager NTPC Limited (Rammam & Talcher) NTPC Bhawan, Scope Complex 7 Institutional Area, Lodhi Road, Delhi Email: kuraravikumar@ntpc.co.in ;	8. Sh. Angshuman Rudra Deputy General Manager Avaada Greenh2 Private Limited C-11 Sector 65, UP Email: angshuman.rudra@avaada.com ; vivek.jain@avaada.com

abhishekkhanna@ntpc.co.in ;	
<p>9. Sh. Subrahmanya Shanbhogue Tantradi Executive Director Arcelomittal Nippon Steel India Limited 3-A, 3rd Floor, Fortune Tower, Chandrasekharpur, Bhubaneshwar, Odisha- 751023 Email: bhabesh.mohanty@amns.in;</p>	<p>10. Smt. Payal Saha, Deputy General Manager ReNew E-Fuels Pvt. Ltd. ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Ph-V Gurugram, Haryana- 122009 Email: kamal.gupta@renew.com; Pallavi.gurnani@renew.com; siddesh.shrungare@renew.com; prem.rv@renew.com</p>
<p>11. Sh. Devendra Pratap Singh General Manager (Projects & Business Development) NLC India Limited Neyveli Township, Neyveli Cuddalore District, Tamil Nadu Email: devendra_pratap@nclindia.in; kishore@nclindia.in; selvarani.s@nclindia.in; mkchandra@nclindia.in; mathi.k@nclindia.in</p>	<p>12. Sh. Indu Bhusan Chakraborty Chief Power Management Rashmi Metallurgical Industry Private Ltd. (RMIPL) [erstwhile Orissa Metallurgical Industry Private Limited (OMIPL)] 39, Premlata Building, 6th Floor Shakespeare Sarani, Kolkata -700017 Email: indu@rashmigroup.com; psyadav@rashmigroup.com; amit.prakash@rashmigroup.com</p>

B) Transmission Service Providers:

<p>1. CGM (ER-I) Power Grid Corporation of India Ltd. Near Transformer Repair Works, Board Colony, Shastri Nagar PATNA - 800 023, (Bihar) Email: nkshrivastava@powergrid.in</p>	<p>2. Executive Director (Incharge) ER-II Powergrid Corporation of India Ltd. RHQ, CF-17, Action area-1C, Rajarhat Newtown, Kolkata-156 Email: aknaik@powergrid.in</p>
<p>3. Executive Director (PMD) Powergrid Corporation of India Ltd. Plot No.2, Near, IFFCO Chowk, Sector 29, Saudamini, Haryana 122001 Email akhileshpathak@powergrid.in;</p>	<p>4. Sh. Vivek Gautam, Chief Corporate Projects North Karanpura Transco Ltd. Adani Corporate House 3rd Floor South Wing, Shantigram, S.G. Highway, Ahmedabad – 382421 Email: vivek.gautam@adani.com; hareshp.vaghasiya@adani.com rahul.anand@adani.com; atit.swami@adani.com</p>
<p>5. Shri Piyush Kumar. Head (BD) ERES-XXXIX Power Transmission Ltd. Paradeep Transmission Ltd. (a subsidiary of The Tata Power Company Ltd.) B-12/13, Shatbdi Bhawan, Sector-4, Noida-201301 Email: piyushkumar@tatapower.com tushardhande@tatapower.com; kapilumak@tatapower.com</p>	<p>6. Shri Rajib Dutta Senior Vice president (Transmission & Distribution) Angul Sundargarh Transmission Ltd. (a subsidiary of the H.G. Infra Engineering Ltd.) 3rd floor, Sheel Mohr Plaza, C-Scheme, Jaipur-302001 Email: rajib.dutta@hginfra.com; janak.choudhary@hginfra.com</p>

7. Shri Vivek Karthikeyan
AGM
**M/s Purulia and Kharagpur
Transmission Company Ltd.**
Unit No. 101, 1st Floor,
Windsor Village, Kolekalyan
Off CST Road, Vidhyanagari Marg,
Santacruz (East), Mumbai – 400 098,
Maharashtra.
Email: Suman.sah@indigrid.com;
aditya.kislay@indigrid.com;
vivek.karthikeyan1@indigrid.com

Minutes of 46th Joint Co-ordination Committee meeting of Eastern Region (ER) held on 19.12.2025 with Generation & ISTS Transmission developers through Video Conference

1. CTUIL welcomes all the participants for Joint Coordination Committee meeting with Generation & ISTS Transmission Developers for upcoming projects. (List of Participants enclosed as **Annexure-I**)
2. It was informed that 45th JCC meeting of the Eastern Region was held on 19.09.2025 through video conference and the minutes of the meeting were circulated vide letter Ref: CTU/PMG/45th JCC-ER/MoM dtd 03.11.2025. As no comments have been received, 45th JCC MOM was confirmed as circulated.
3. It was informed that status of different Transmission schemes, which are under bidding stage by BPCs (i.e. RECPDCL & PFCCL), is mentioned in Bidding Calendar uploaded on CTUIL website on monthly basis under the tab: ISTS Planning and Coordination->> Bidding Calendar.
4. Generators and TSPs (Transmission Service Providers) were requested to adhere to their respective SCOD schedule for timely completion of the project & corrective actions to be taken by them for any anticipated delays. They were also requested to send the COD certificates immediately to CTU after declaration of the same.
5. TSPs were requested to give the RLDC(s), CTU, / STU, as the case may be, and any other agencies as required, at least sixty (60) days advance written notice of the date on which it intends to connect an Element of the Project. Further, they were also requested to inform CTUIL immediately after charging the transmission elements.
6. Generators/Bulk consumers were requested to coordinate with TSP regularly for updated schedule of transmission projects.
7. Entities covered under Regulation 4.1 and clause (iii) of Regulation 17.1 of CERC (Connectivity and GNA to the ISTS) Regulations, 2022 shall furnish one-time GNA charge for Rs. one lakh per MW for the quantum of GNA one month prior to the start date of GNA.
8. Status of various generation projects and transmission projects based on the submissions made through e-mail and as per deliberations in the meeting are summarized as follows:

A) Generation Projects/Bulk Consumers in ER

Sl. No.	Name of Grantee	Connectivity under GNA-Quantum (MW)	Comm. Schedule (as per Sept'25 JCC meeting)		Comm. Schedule (as per Dec'25 JCC meeting)		Start date of Connectivity/GNA under GNA Regulations 2022	Remarks
			Under Applicant scope Gen Commissioning / Connectivity line schedule	Transmission System (ISTS)	Under Applicant scope Gen Commissioning / Connectivity line schedule	Transmission System (ISTS)		
1.	NTPC Ltd. (North Karanpura) (3x660 MW) Jharkhand (618.75- Under Regulation 18.1; 1237.5MW- Under Regulation 37.3; 123.75MW- Under Regulation 37.2)	1980	<p>Generation units U1: Commissioned on 01.03.2023 U2: Commissioned on 20th Mar'24 U3: COD declared w.e.f. 15.06.2025 (vide their letter dtd. 13.06.2025) (The Unit-3 COD is also confirmed in the meeting by NTPC representative.)</p> <p>Under the scope of NTPC: 2 nos. 400 kV line bays at NTPC switchyard for termination of North Karanpura -Gaya 400 kV D/c line: Commissioned</p> <p>2 nos. of 400 kV line bays at NTPC switchyard for</p>	<p>Under the scope of POWERGRID: 2 nos. 400kV line bays at Gaya Commissioned</p> <p>PLCC& DTPC installed and commissioning is pending due to line.</p> <p>2 nos. of 400kV line bays at Chandwa (Jharkhand) Pooling Station: Commissioned</p>	<p>Generation units All the Units are Commissioned.</p> <p>Under the scope of NTPC: 2 nos. 400 kV line bays at NTPC switchyard for termination of North Karanpura -Gaya 400 kV D/c line: NTPC informed that PLCC and DTPC commissioning under progress and completion expected in Dec'25.</p> <p>2 nos. of 400 kV line bays at NTPC switchyard for termination of North Karanpura – Chandwa 400kV D/c line: Commissioned</p>	<p>Under the scope of POWERGRID: 2 nos. 400kV line bays at Gaya Commissioned</p> <p>PLCC& DTPC installed and commissioning is pending due to line.</p> <p>2 nos. of 400kV line bays at Chandwa (Jharkhand) Pooling Station:</p>	<p>1237.5 MW: 01-09-2018 or availability of transmission system whichever is later (viz. North Karanpura-Chandwa and North Karanpura – Gaya 400kV D/c (Quad) lines)</p> <p>123.75MW: 31-12-2024 (above is as per intimation)</p> <p>Part Operationalization date: A. 618.75 (corresponding to Unit#1) 18.01.2023 (under Regulation 18.1)</p>	<p>Representative of NTPC updated the status vide email dated 18.12.2025.</p> <p>Total effective: 1278.75 MW out of 1980MW. As NKSTPP-Gaya D/C Line was not commissioned and only NKSTPP-Chandwa D/C was available, SPS for 1500MW was implemented by the recommendation of ERLDC to meet N-1 contingency scenario for safe evacuation of power through present available NKSTPP-Chandwa D/C line.</p> <p>NTPC informed that for reliable evacuation of power for full quantum of generation, North Karanpura – Gaya 400kV D/c (Quad) line would be required. Accordingly, they requested M/s NKTL to expedite commissioning of the same at the earliest.</p>

			<p>termination of North Karanpura – Chandwa 400kV D/c line: Commissioned</p>	<p>Under the Scope of M/s NKTL: 400kV North Karanpura – Gaya D/c (Quad) line: Dec'25</p> <p>400kV North Karanpura – Chandwa D/c (Quad) line: Commissioned in Oct'22.</p>		<p>Commissioned</p> <p>Under the Scope of M/s NKTL: 400kV North Karanpura – Gaya D/c (Quad) line: Dec'25</p> <p>400kV North Karanpura – Chandwa D/c (Quad) line: Commissioned in Oct'22.</p>	<p>B. 1237.5 MW: Part effective: (618.75MW: 02-03-2024) C. 123.75MW: Part effective: (41.25: 02-03-2024)</p>	<p>CTU informed that delay / mismatch in commissioning of transmission system and generation project shall be dealt as per regulatory provisions.</p>
2.	<p>Lanco Teesta Hydro Power Limited (LTHPL) (4x125MW) Sikkim (Subsidiary of NHPC Ltd.) Connectivity No.- 1200003 207</p>	500	<p>Generation status: U1: 16.10.2027 U2: 31.10.2027 U3: 30.11.2027 U4: 30.12.2027</p> <p>Transmission System: Teesta VI HEP – Rangpo (POWERGRID) 220kV D/c (Twin Moose) line alongwith line bays at both ends (about 15km): 31.03.2026</p>	<p>Existing Transmission System</p>	<p>Generation status: U1: 31.08.2029 U2: 31.08.2029 U3: 30.09.2029 U4: 30.09.2029</p> <p>Transmission System: Teesta VI HEP – Rangpo (POWERGRID) 220kV D/c (Twin Moose) line alongwith line bays at both ends (about 15km): 31.03.2026</p>	<p>Existing Transmission System</p>	<p>14.05.2026 (Intimation for final grant of Connectivity issued on 27.10.2023)</p>	<p>M/s LTHPL vide email dated 16.12.2025 submitted the progress of project:</p> <ul style="list-style-type: none"> • Slow progress of HRT due to cavity formations/geological surprises. • Generation plant equipment has been awarded. Work under progress. • Clearance from Archaeological Department and Civil Aviation clearance for Chimney Height are under progress • All GIS Equipment installed inside GIS Hall

	(Under Regulation 37.2)		Foundation completed- 39/52 nos. Tower erection: 31/52 nos.		Foundation completed- 41/52 nos. Tower erection: 33/52 nos.			<p>& outside AIS Equipment installed. All testing done except HV test & Relay testing. S/D for HV testing was approved for 22/23-05-2025, however, the same was denied by Grid Operator due to high hydro generation. (In this regard, POWERGRID informed that earlier repeated permission for shutdown was provided but same was denied by Grid Operator. A shutdown has been approved in Jan'26.</p> <p>CTU suggested POWERGRID to take the shutdown issues in OCC meeting of ER.)</p> <ul style="list-style-type: none"> • All required materials have been supplied except RC along with tower for two TL locations. • Erection of foundations and Towers is under progress. <p>M/s LTHPL informed that PPA for full quantum (500MW) have been signed with CSPDCL- Chattisgarh, GUVNL-Gujarat, MPPMCL-Madhya Pradesh, DVC, WBSEDCL, West Bengal and GRIDCO Ltd., Odisha.</p>
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								CTU requested to expedite the generation project as the provided expected date of commissioning is beyond the start date of Connectivity mentioned in the final grant of Connectivity issued on 27.10.2023. CTU informed that delay in commissioning of generation project shall be dealt as per regulatory provisions.
3.	Jalpower Corporation Limited (JCL) (3x40 MW) Sikkim (Subsidiary of NHPC Ltd.) Connectivity no.- 1200003 404 (Under Regulation 37.2)	120	Generation status: U1: 02.04.2026 U2: 16.04.2026 U3: 30.04.2026 Transmission System: Rangit IV – New Melli (POWERGRID) 220kV (ACSR Moose) D/c line alongwith line bays at both ends (3.5km): Under Execution Mar’26 (i.e. in line with time extension sought by PGCIL) Towers foundation: 15/17 completed Tower Erected:11/17 completed	Existing Transmission System	Generation status: U1: 02.04.2026 U2: 16.04.2026 U3: 30.04.2026 Transmission System: Rangit IV – New Melli (POWERGRID) 220kV (ACSR Moose) D/c line alongwith line bays at both ends (3.5km): Under Execution Mar’26 (i.e. in line with time extension sought by PGCIL) Towers foundation: 16/17 completed Tower Erected:15/17 completed	Existing Transmission System	01.07.2024 (as per Intimation for final grant of Connectivity issued on 09.11.2023) Operationalization date: 120MW: 01.07.2024	M/s JCL has furnished the requisite one-time GNA charges. M/s JCL vide email dated 16.12.2025 submitted the progress of its generation project and its dedicated line: - • LOA for main plant equipment for Generation Project has now been placed and construction works are progressing well. • PPA signed for full quantum with GUVNL, MPPMCL, DVC, BRPL and BYPL. CTU requested JCL to apply CONN-TD-1/2/3 through NSW portal well in advance prior to the date of commissioning of their generation units for timely

			2 nos. of GIS bay module erection completed. Testing is in progress. Stage I forest clearance obtained and Stage II forest clearance obtained.		2 nos. of GIS bay module erection completed. Testing completed except HV test.			processing the same and issuance of FORMAT-CON-TD4 letter from CTU. Subsequently, Connectivity Agreement (CAT-2) shall be signed prior to physical connection of Generation Units to ISTS Grid. M/s JCL noted to the same. CTU informed that delay in commissioning of generation project shall be dealt as per regulatory provisions.
4.	India Power Corporation Limited West Bengal (IPCL) (Distributor Licensee) (Under Regulation 37.2)	100 (Balance 100MW surrendered)	Chalbalpur (IPCL) – Maithon (POWERGRID) 220kV D/c line along with associated line bays (2 nos. each) at both ends.- 15km Section 68 received on 18.06 2024. Survey under progress. Expected by Mar'27.	Existing Transmission System	As informed in the meeting Chalbalpur (IPCL) – Maithon (POWERGRID) 220kV D/c line along with associated line bays (2 nos. each) at both ends.- 15km Section 68 received on 18.06 2024. Survey under progress. Status: Under award Expected by Mar'28.	Existing Transmission System	GNA made effective w.e.f. 01.10.2024	M/s IPCL vide email dated 17.12.2025 submitted the progress of its dedicated line: - (i) 220KV D/C Line survey work is mostly completed barring (i) suitable cross over point for railway line & highway as well as (ii) some portion of line survey affected due to ROW issue as well as not finding suitable power line corridor in view of congestion of nearby multiple 400kV & 220kV line emanating from PGCIL Rurnarayanpur Grid. Resolution on ROW settlement in rural area of West Bengal is quite sensitive specially during pre-poll period of forthcoming Assembly Election in West Bengal scheduled in

								<p>early 2026. Therefore, ROW settlement is not coming forth as targeted. In view of above delay, project completion schedule is deferred upto March 2028.</p> <p>(ii) Land for 220/33kV substation at Chalbalpur is acquired and boundary wall is done.</p> <p>(iii) Received consultancy offer from PGCIL for 2nos Bay Extension Work at their grid and shall be taken up after DTL route finalization.</p> <p>Grant of 100 MW GNA to IPCL, as distribution licensee under regulation 37.2 of the GNA Regulations, has been communicated by CTU on 15/09/2023.</p> <p>100MW GNA has been made effective vide letter dated 19.09.2024 w.e.f. 01-10-2024.</p> <p>The connection system has been changed from Debipur to Chalbalpur vide CTU letter dated 01-02-2024 in line with the deliberations in the 26th CMETS-ER held on 27-12-2023.</p> <p>M/s IPCL are liable to pay the applicable charges</p>
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								based on applicable CERC regulation.
								Petition No. 350/MP/2024 disposed by Central Commission. Grantee approached APTEL vide APL-5/2026 impugning the Commission's order.
5.	JSW Energy (Utkal Ltd. (formerly Ind-Barath Energy (Utkal) Limited) (JSWEUL) Connectivity No.- 2200000 031; 2200000 648	350M W+ 350M W	Status as informed during meeting Generation Status: Unit I- 350MW: JSW Energy (Utkal) Ltd. vide its letter dtd. 05.02.2025 has declared CoD of Unit#1 w.e.f 06.02.2025 at its rated capacity. (Last phase of 11MW of Unit#1 w.e.f. 06.02.2025) Unit II- 350MW: JSW Energy (Utkal) Ltd. vide its letter dtd. 13.03.2025 has declared CoD of Unit#2 w.e.f 15.03.2025 at capacity 302.40MW. Entire 350MW w.e.f. 03.04.2025 as communicated	Existing Transmission System	Status as informed during meeting Generation Status: Unit I & Unit II commissioned. Dedicated Transmission System: IBEUL-Sundargarh (Jharsuguda) (ISTS) 400kV D/c (Twin Moose) line along with associated bay at both ends. (63.785km)- Expected commissioning by April'26 (4 months subject to approval from Mahanadi Coal Field Ltd. (MCL)) Foundation completed- 202/206 nos. Tower erection: 194/206 nos.	Existing Transmission System	Unit-I: 31.03.2024 Unit-II: 27.09.2024 As per intimation, connectivity made effective for Unit-I and Unit-II w.e.f. 31.03.2024 and 27.09.2024, respectively.	With reference to CTU letter dtd. 17-11-2023, M/s JSWEUL is permitted to connect to ISTS for 350 MW through interim arrangement viz. LILO of one circuit of OPGC-Sundargarh 400kV D/c lines at DTL of M/s IBEUL at the suitable crossover point of the lines subject to conditions mentioned in above referred letter. CTU mentioned that M/s JSWEUL shall be liable to bear all commercial and operational liabilities as per applicable CERC Regulations. Developer informed that CEA vide letter dated 15-07-2025 has provided extension for completion of the DTL till 31-12-2025. Further, they have requested for time extension to CEA.

		<p>by JSW vide letter dtd. 01.04.2025 to ERLDC</p> <p>Dedicated Transmission System:</p> <p>IBEUL-Sundargarh (Jharsuguda) (ISTS) 400kV D/c (Twin Moose) line along with associated bay at both ends. (63.785km)- Expected commissioning by Dec'25 (subject to approval from Mahanadi Coal Field Ltd. (MCL))</p> <p>Foundation completed- 197/206 nos. Tower erection: 194/206 nos. Stringing: 60.509/63.785km</p> <p>MCL permission for alternate route tower erection to IBEUL awaited and expected by Sept'25 end.</p>		<p>Stringing: 60.509/63.785km</p>			<p>MCL permission for alternate route tower erection to IBEUL awaited and expected by Dec'25 end.</p>
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6.	<p>NTPC Limited (for Talcher-III, 660MW)</p> <p>Connectivity Appl-0041900 012</p>	660	<p>Status as informed vide mail dtd. 18.09.2025</p> <p>Generation:</p> <p>Unit-I: Mar'27 Unit-II: July'27</p> <p>Dedicated Transmission System</p> <p>Talcher-III - Pandiabili (POWERGRID) 400kV D/c (Twin Moose) line along with associated bays at generation switchyard (under the scope of the applicant)</p> <p>i) Transmission Line Tower pkg – Awarded in June'25</p> <p>ii) Conductor package: Awarded in June,2025</p> <p>iii) Composite long rod insulator package are awarded in June'25</p> <p>iv) civil pile foundation works package is awarded in July'25.</p>	<p>2 nos. 400kV GIS line bays at Pandiabili for termination of DTL (expected by 30.11.2027)</p> <p>Existing ISTS</p>	<p>Generation:</p> <p>Unit-I: Mar'27 Unit-II: July'27</p> <p>Dedicated Transmission System</p> <p>Talcher-III Pandiabili (POWERGRID) 400kV D/c (Twin Moose) line along with associated bays at generation switchyard (under the scope of the applicant)</p> <p>Detailed survey of 118/121 km completed.</p> <p>Check survey: 56/121 km completed.</p> <p>Balance survey Under progress.</p> <p>Schedule completion by Mar'27</p>	<p>2 nos. 400kV GIS line bays at Pandiabili for termination of DTL (expected by 30.11.2027)</p>	<p>30/9/2026#</p> <p>#Subject to signing of Connectivity Agreement</p>	<p>CTU informed that delay / mismatch in commissioning of transmission system and generation project shall be dealt as per regulatory provisions.</p> <p>Connectivity Agreement (CAT-I) is signed on 07.05.2024</p> <p>Status as informed vide mail dtd. 18.12.2025</p> <p>Generation status:</p> <p>NTPC awarded packages to BHEL for Generation</p> <p>Boiler works under progress and Switchyard control building works is just started.</p> <p>Boiler erection: 40% completed</p> <p>NTPC plans to start Boiler Hydro test and once Boiler Light up requires 12 to 16 months for synchronization.</p> <p>DTL status:</p> <p>a) NTPC issued Transmission Line works under cost plus deposit work basis to PGCIL. The following packages are awarded by PGCIL.</p> <p>I) Transmission Line Tower package – awarded vide LOA date:05.06.25, Schedule</p>
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			Works are under progress Schedule completion by Mar'27					completion: 04.03.2027 (21Months). Supply of stub, structural steel under progress . ii) Conductor package – Awarded vide LOA date:05.06.25, Schedule supply by 29.08.2026. 66km / 1401 kms of conductor received. Balance supply under progress. iii) Composite long rod insulator packages- Awarded vide LOA date:05.06.25, Schedule supply by 16.09.2026 iv) Civil pile foundation works package- Awarded vide LOA date:30.07.25, Schedule completion: 29.11.2026(16Months). Pile foundations excavation, foundation casting under progress.
7.	NTPC Limited (for Ramma m HEP, 3x40MW)	120	Status as informed vide email dtd.18.09.2025 Generation: Unit-I: Jan'29 Unit-II: Feb'29	2 nos. 132kV GIS line bays at Rangpo for termination of DTL (expected by 30.09.2027)	Generation: Unit-I: Jan'29 Unit-II: Feb'29 Unit-III: March'29	2 nos. 132kV GIS line bays at Rangpo for termination of DTL (expected	30.07.2026# #Subject to signing of Connectivity Agreement	NTPC vide mail dtd. 18.12.2025 submitted the progress: a) NTPC issued Transmission Line works under cost plus

	Connectivity Appl-0043300002		<p>Unit-III: March'29</p> <p>Dedicated Transmission System</p> <p>Rammam - Rangpo (POWERGRID) 132kV D/c line (minimum 680A per ckt) along with associated bays at generation switchyard (under the scope of the applicant)</p> <p>Work awarded to PGCIL on deposit work basis. Tendering of package under process for award. (Expected award by Oct'25 end)</p> <p>Expected completion: 30 months from award date.</p>	Existing ISTS	<p>Dedicated Transmission System</p> <p>Rammam - Rangpo (POWERGRID) 132kV D/c line (minimum 680A per ckt) along with associated bays at generation switchyard (under the scope of the applicant)</p> <p>Work awarded to PGCIL on deposit work basis. (Awarded in Dec'25)</p> <p>Expected completion: 30 months from award date.</p>	by 30.09.2027) Existing ISTS		<p>deposit work basis to PGCIL Tenders are floated for :</p> <p>I) Transmission Line Tower package . Awarding under Progress. Expected completion: 30 months from award date.</p> <p>Representative of NTPC Ltd. informed that Connectivity Agreement (CAT-I) is signed on 07.05.2024.</p> <p>CTU informed that delay / mismatch in commissioning of transmission system and generation project shall be dealt as per regulatory provisions.</p>
8.	NLC India Limited (for Talabira, 3x800M W)	2000	<p>Status as updated during meeting</p> <p>Generation:</p> <p>Tentative schedule for commissioning:</p> <p>Unit1- 31.03.2029</p> <p>Unit2- 30.09.2029</p> <p>Unit3- 31.03.2030</p>	<p>ISTS: (Augmentati on with ATS)</p> <p>Eastern Region Generation Scheme-I (ERGS-I)- 28.03.2028</p>	<p>Status as informed vide email dtd. 18-12-2025</p> <p>Generation:</p> <p>Unit1- 28.02.2030</p> <p>Unit2- 31.08.2030</p> <p>Unit3- 28.02.2031</p>	<p>ISTS: (Augmentati on with ATS)</p> <p>Eastern Region Generation Scheme-I (ERGS-I)- 28.03.2028</p>	28-03-2028	<p>Out of 5 villages, possession handed over by Dist. Admin for 4 villages i.e. Tareikela – 170 acres of non-residential land is under possession and remaining residential land acquisition is under progress.</p> <p>PPA signed for full quantum with TANGENDCO, Puducherry Electricity</p>

				<p>EPC contract awarded.</p> <p>Unit-I levelling, grading work started. Boundary wall work and piling work under progress.</p>			<p>Dept,KSEBL and GRIDCO ltd.</p> <p>Connectivity agreement signed on 11.09.2025 with CTUIL.</p> <p>CTU informed that delay / mismatch in commissioning of transmission system and generation project shall be dealt as per regulatory provisions.</p>
9.	<p>Rashmi Metallurgical Industry Pvt. Ltd. (RMIPL) [erstwhile Orissa Metallurgical Industry Private Ltd. (OMIPL)]</p>	180		<p>Generation: 180MW (Captive generating plant): Details for Unit-5 and Unit-6, each of 90 MW capacity not provided by M/s RMIPL representative.</p>	<p>ISTS: (Augmentation with ATS) Eastern Region Generation Scheme-IV (ERGS-IV)- (Under Approval)</p>	30-04-2029	<p>M/s RMIPL vide mail dtd. 19.12.2025 submitted the status of project: 400kV Switchyard status:</p> <ul style="list-style-type: none"> • Engineering Consultant finalized • Land acquisition completed. • Site survey, boundary marking, and contour survey completed; drawings received. • GA drawing prepared and superimposed on plot drawing. • Basic SLDs for 400KV and 132KV systems, metering & protection prepared; under review.

B) Status of Bulk Consumers which has been granted GNA/GNA_{RE}

	Connectivity Applicant	GNA Quantum (MW)	Comm. schedule (As per Sept'25 JCC Meeting)		Comm. Schedule (Dec'25 JCC Meeting)		Start date of GNA	Remarks
			Under Applicant Scope	Under ISTS scope	Under Applicant Scope	Under ISTS scope		
1.	Avaada GreenH2 Private Limited Appl-2200000160	700 Bulk Consumer	Status informed vide email dtd. 15.09.2025 Comm. Schedule 700MW: 31.12.2028 Line for connection to ISTS: Gopalpur (ISTS) – Avaada 400kV D/c line along with associated line bays at both ends (under the scope of applicant)	ERES-XXXIX scheme	Status as informed during meeting: No schedule informed as they are seeking conversion in the connection category. Line for connection to ISTS: Gopalpur (ISTS) – Avaada 400kV D/c line along with associated line bays at both ends (under the scope of applicant)	ERES-XXXIX scheme (CERC in its order for TL petition find it appropriate to refer the proposal for the ERES-XXXIX transmission scheme back to the NCT)	31-12-2027	ISTS Scheme viz. ERES-XXXIX has been awarded under TBCB with a commissioning schedule as 31-12-2027. Representative of Avaada informed the following: i) Avaada had approached CTUIL expressing and seeking conversion of 700MW GNA _{RE} from bulk consumer directly connected to ISTS to drawee entity connected with STU. CTUIL mentioned that as per the extant regulations, such changes are not permitted. ii) The matter is under deliberation and Avaada is not looking for direct interconnection with ISTS. However, no communication has been received in this regard to CTU.
2.	Arcelor mittal Nippon	432 MW	Not Attended	ERES-XXXIV scheme	Not attended Comm. Schedule	ERES-XXXIV scheme	01.10.2029	ISTS Scheme viz. ERES-XXXIV has been awarded under TBCB with a

	<p>Steel India Limited (AMNSIL)</p> <p>Appl-2200000206</p>	Bulk Consumer	<p>Status as informed for Dec'24 meeting</p> <p>Line for connection to ISTS:</p> <p>AMNSIL – Paradeep GIS (ISTS) 400kV D/c (Quad) line along with associated line bays at both ends (under the scope of applicant).</p> <p>Floated enquiry (RFQ) for the route survey of ISTS - AMNSIL 400 kV DC transmission line. Offers are awaited.</p> <p>Probable switchyard location at AMNSIL end is almost finalized</p>		<p>432MW</p> <p>Line for connection to ISTS:</p> <p>AMNSIL – Paradeep GIS (ISTS) 400kV D/c (Quad) line along with associated line bays at both ends (under the scope of applicant).</p>			<p>commissioning schedule as 06-11-2026.</p>
3.	<p>ReNew E-Fuels Pvt. Ltd. (REFPL)</p> <p>Appl no.-2200001180: 250MW</p>	250 MW + 250 MW + 250 MW	<p>Status as informed during meeting</p> <p>Comm. Schedule</p> <p>250MW: 31.12.2028</p>	ERES-XXXIV scheme	<p>Schedule as informed during meeting</p> <p>Comm. Schedule</p> <p>250MW: 31.12.2028</p> <p>250MW: 31.12.2028</p>	ERES-XXXIV scheme	<p>250MW: 31.12.2028;</p> <p>250MW: 31.12.2028;</p> <p>250MW: 13.08.2028</p>	<p>Status as informed vide mail dtd. 18-12-2025 for DTL:</p> <p>Statutory Clearances status: Out of 18, 6 already completed. 4 on-going. Remaining 8 – Yet to proceed as per schedule.</p>

2200001 181: 250MW	Bulk Cons umer	250MW: 31.12.2028	250MW: 13.08.2028 Line for connection to ISTS: Paradeep (ISTS)-REFPL 400kV D/c line along with associated bays at both ends by March'28. Status: To be awarded				Award of Packages are under technical review Detailed Engineering yet to start from Jan'26. Electrical installation & Mechanical completions are planned by Jun'28. 102 acres of land has already been acquired by REFPL. ISTS Scheme viz. ERES-XXXIV has been awarded under TBCB with a commissioning schedule as 06-11-2026.
2200001 182: 250MW		Line for connection to ISTS: Paradeep (ISTS)- REFPL 400kV D/c line along with associated bays at both ends.by March'28.					

C) Status of Transmission System in ER

a) Status of transmission systems under implementation through RTM route

1. Eastern Region Expansion Scheme-XXVII (ERES-XXVII): POWERGRID

CTU OM date: 26.04.2022 & revised 24.06.2022, SCOD: 26-10-2023

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Installation of 420kV, 1x125MVAr bus reactor along with associated bay at Alipurduar (POWERGRID) S/s.	Status: Reactor charged on 24.09.2024. TSP declared DOCO w.e.f. 26.09.2024. Work completed.	Status: Reactor charged on 24.09.2024. TSP declared DOCO w.e.f. 26.09.2024. Work completed.

2.	Installation of 420kV, 1x63MVar switchable line reactor along with the 500 Ohm NGR (with NGR bypass arrangement for operation of switchable line reactor as a bus reactor) at Kahalgaon (NTPC) end, one each in both circuits of Kahalgaon (NTPC) — Durgapur (POWERGRID) 400kV D/c line.	Anticipated COD: LR in Ckt-2 charged on 17.08.2025 LR in Ckt-1 charged on 30.08.2025 (DOCOC awaited) Status: Both Reactors charged. However, Voltage selection Logic yet to be made for NGR by passing scheme. For this Inputs and co-ordination required from NTPC.	Anticipated COD: LR in Ckt-2 charged on 17.08.2025 LR in Ckt-1 charged on 30.08.2025 TSP vide letter dtd. 04.11.2025 declared DOCOC w.e.f. 31.08.2025
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2. Eastern Region Expansion Scheme-XXXII (ERES-XXXII): POWERGRID

CTU OM date: 17.01.2023, SCOD: 17.07.2024

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Installation of new 420kV, 1x125MVar bus reactor along with associated bay at Durgapur (POWERGRID) S/s in split bus section-A (which is not having ICTs)	Anticipated COD: 30.11.2025 Status: Civil work: 100% completed, Reactor erection –100% completed Erection: Bay equipment- 80 % completed Testing is under progress. Supply -all completed except Firefighting GI pipes.	Reactor with bay charged on 05-12-2025. CoD: Proposed from 07.12.2025 (DOCOC Awaited)

3. Eastern Region Expansion Scheme-XXXVII (ERES-XXXVII): POWERGRID

NCT OM date: 19.05.2023, SCOD: 19.05.2025

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Creation of 220 kV level in GIS (in Double Main Switching Scheme including 1 no. bus coupler bay) at Lakhisarai (POWERGRID) 400/132	Anticipated COD: 1 st ICT by Feb'26 2 nd ICT by Apr'26	Switchyard related work: Civil work: 90% completed. Supply: 78% completed

	kV S/s along with 2 no. 220 kV line bays [for termination of Lakhisarai – Haveli Kharagpur 220 kV D/c line to be implemented by BSPTCL under intrastate]	<p>Status: Supply and Civil work under progress</p> <p>Civil work: 85% completed. Supply: 60% completed</p>	<p>Erection: 65% completed</p> <p>Anticipated CoD: Feb'26</p>
2.	Installation of 400/220 kV, 2x500 MVA ICTs along with associated bays at Lakhisarai (POWERGRID) 400/132 kV S/s	<p>Erection: 40% completed Delay in supply of ICT by vendor. Expected supply in Oct'25 & Dec'25</p>	<p>Supply: 1st ICT Supplied. 2nd ICT in Transit</p> <p>Civil work: 90% Erection: 40 % Anticipated CoD: 1st ICT by Feb'26 2nd ICT by Apr'26</p> <p>CTU requested POWERGRID to complete the project at the earliest.</p>

4. Eastern Region Expansion Scheme-XL (ERES-XL): POWERGRID

CTU OM date: 07.08.2023, SCOD: 07.02.2025

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Replacement of existing 1x63MVAR fixed line reactor (along with associated 542 Ohm NGR) at Malda end installed in each circuit of Purnea-Malda 400kV D/c line with new 1x63MVAr switchable line reactor [along with 450 Ohm NGR (including NGR bypassing scheme)]	<p>Anticipated COD: 1st unit: 15.10.2025 2nd unit: 30.06.2026</p> <p>NIT Annulled due to high price. Supply to be provided through Bulk procurement.</p> <p>Site packages for service portion awarded. Reactor-1 & NGR - Erection completed. Exp to be commissioned by 15.10.2025.</p> <p>Civil work: 90% completed. (Bay PCC pending) Supply: 70% completed (Reactor-2 & NGR not yet supplied) Erection: 90% completed for Reactor-1 bay. (Shutdown required for Isolator Erection)</p>	<ul style="list-style-type: none"> Supply: 75% completed (Reactor-2 & NGR balance) NIT Annulled due to high price. Supply to be provided through Bulk procurement. Civil Work: 85 % completed. (Yard PCC, Drain etc. pending) Erection: 70% overall completed Erection & Testing completed for Reactor-1 with bay & NGR. (Balance-Isolator Erection) S/D of 400kV Purnea Ckt-I awaited. Expected in 2nd week of Jan'26. Anticipated CoD: 1st unit: 31.01.2026 2nd unit: 30.06.2026

		Delay in Supply of 2 nd Reactor. Reactor-2 Bay- Foundation completed, Erection under process.	CTU requested POWERGRID to complete the project at the earliest.
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5. Eastern Region Expansion Scheme- XXXVIII (ERES-XXXVIII)

CTU OM date: 26.10.2023, SCOD: 26.10.2025

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line to bays 431 and 434 in diameters 431-432-433 and 434-435-436 at Ranchi (POWERGRID) end: about 1.27km new line section (refer note a).	Anticipated COD: 31.05.2026 Status: Supply & Civil work under progress. Tr. Line: Supply- 60%, Foundation under progress.	<ul style="list-style-type: none"> Supply: All except Insulator completed. CLR insulator by Dec'25 end. Foundation: 2/5 Completed Erection: 0/5 Completed Anticipated CoD: 31.05.2026
2.	Dismantling of 1355m section of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line of DVC at Ranchi end from tower location 433 to 438 and scraping of the same (refer note b).	Anticipated COD: 31.05.2026 Status: Awarded in June'24. After Charging of lines through ERS.	<ul style="list-style-type: none"> Service status: Awarded in June'24. Anticipated CoD: 31.05.2026 <p>Status: Dismantling to start by Jan'26</p>
3.	Shifting of 420kV, 125MVA bus reactor installed in bay no. 431 to bay no. 413 [vacated after shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV ckt-2] at Ranchi (POWERGRID) end.	Anticipated COD: 31.05.2026 Status: Supply & Civil work under progress. Major work to start after installation of ERS	<ul style="list-style-type: none"> Civil work: 30% completed (BR Fdn u/p in 413 bay, Line bay shifting completed in 434 bay) Supply: 50% completed (CT/CRP/CSD, Gasket consumables) balance
4.	Shifting of equipment of bay no. 416 [released upon shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV ckt-3] to bay no. 434 for completion/establishment of bay no. 434 at Ranchi (POWERGRID) end.	Anticipated COD: 31.05.2026 Status: Supply & Civil work under progress. Major work to start after installation of ERS	<ul style="list-style-type: none"> Erection: 15% completed (434 bay) Anticipated CoD: 31.05.2026 <p>Work started after installation of ERS.</p>

5.	Installation of 420kV, 1x80MVA switchable line reactor, one each in both circuits of Raghunathpur (DVC) – Ranchi-New (POWERGRID) 400kV D/c (Quad) line [formed after bypassing of Ranchi (POWERGRID) – Raghunathpur (DVC) and Ranchi (POWERGRID) – Ranchi-New (POWERGRID) ckt-3 & 4 of 400kV D/c (Quad) lines from Ranchi-New through tie circuit breaker in diameters 431-432-433 and 434-435-436] at Ranchi-New (POWERGRID) end along 400ohm NGR (including NGR bypass scheme).	Anticipated COD: 31.05.2026 Status: Supply & Civil work under progress. Civil work – 30% completed	<ul style="list-style-type: none"> • Civil work: 55 % completed • Supply: 45% completed • Erection: 30% (Terminal Equipments of both circuits erected) • Anticipated CoD: 31.05.2026 <p>CTU requested POWERGRID to complete the project at the earliest.</p>
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6. Eastern Region Expansion Scheme-41 (ERES-41): POWERGRID

CTU OM date: 26.10.2023, SCOD: 26.07.2025

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Installation of 400/220kV, 1x500MVA ICT (3rd) along with associated bays at Rajarhat GIS (POWERGRID) 400kV S/s	<p>Anticipated COD: 31.12.2026</p> <p>Status: GIS Bay Extn: Under Re-Tendering 400/220kV 1x500 MVA ICT -In Transit, Crossed River Ganga and reached near Kolkata ICT FDN completed.</p> <p>The installation of ICT is critical to meet the growing demand of Kolkata area as the present ICTs are N-1 non-compliant in present time also.</p>	<p>Supply status: - 400/220kV 1x500 MVA ICT -In Transit, Joint Route Survey for ICT Movement is scheduled on 19/12/2025 among KMDA, TRANSPORTER & POWERGRID.</p> <p>GIS Bay Extn: Awarded GIS civil work shall start from Mar-26.</p> <p>Civil work (ICT): 15% completed Erection & commissioning: YTS Anticipated CoD: 31.12.2026</p>

7. Eastern Region Bay Scheme-I (ERBS-I): POWERGRID

CTU OM date: 14.06.2024, SCOD: 30.09.2026

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Extension at Pandiabili 400/220kV GIS substation	Anticipated COD: 30.11.2027 (Considering award by Nov'25) Status: Under re-tendering.	Service: Tender annulled due to high price. Under re-tendering (OBD1-19.12.2025) Civil work: Nil Supply: Nil Erection & Testing : Nil Anticipated CoD: 30.11.2027 CTU requested POWERGRID to complete the project at the earliest.

8. Eastern Region Bay Scheme-I (ERBS-II): POWERGRID

CTU OM date: 14.06.2024, SCOD: 30.07.2026

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
2.	Extension at Rangpo 400/220/132kV GIS substation	Anticipated COD: 30.09.2027 (Considering award by Nov'25) Status: Tender annulled due to high price, Under re-tendering.	Service: Tender annulled due to high price, Under re-tendering. OBD-I: 19.12.2025 (SS 135) Civil work: Nil Supply: Nil Erection & Testing: Nil Anticipated CoD: 30.09.2027

9. Eastern Region Expansion Scheme-43 (ERES- 43): POWERGRID

NCT OM date: 02.09.2024, Implementation timeframe: 18 Months (15 months on best effort basis)-SCOD: 02.03.2026

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Reconductoring of Kahalgaon (NTPC) – Farakka (NTPC) 400 kV D/c (Twin Moose) line with Twin HTLS conductor	Anticipated Charging date: 30.06.2026 Status: Awarded on 02.05.2025. Engineering under process.	Service: Awarded on 02.05.2025 Engineering: 100% Supply: 30% completed Reconductoring: 5/190 ckm completed Anticipated Charging date: 30.06.2026

	(with ampacity of single HTLS as 1228A)		
2.	Reconductoring of Talcher (NTPC) – Meramundali (OPTCL) 400kV D/c (Twin Moose) line (one circuit via Angul and bypassed at Angul) with Twin HTLS conductor (with ampacity of single HTLS as 1228A)	Anticipated Charging date: 30.06.2026 Status: Awarded on 02.05.2025. Engineering under process.	Service: Awarded on 02.05.2025 Engineering: 100% Supply: 40% completed Reconductoring: 4.5/140 ckm completed Anticipated Charging date: 30.06.2026
3.	Upgradation of associated 400 kV bay equipment at Kahalgaon (NTPC)	Anticipated Charging date: 30.06.2026 Status: Awarded on 02.05.2025. Engineering under process.	Service: Awarded on 02.05.2025 Engineering: 90 % Supply: under progress Civil work: Yet to Start Anticipated CoD: 30.06.2026
4.	Upgradation of associated 400 kV bay equipment at Farakka (NTPC)	Anticipated Charging date: 30.06.2026 Status: Awarded on 02.05.2025. Engineering under process.	Service: Awarded on 02.05.2025 Engineering: 90% Supply: under progress Civil work: Yet to Start Anticipated CoD: 30.06.2026
5.	Upgradation of associated 400 kV bay equipment at Talcher (NTPC)	Anticipated Charging date: 30.06.2026 Status: Awarded on 02.05.2025. Engineering under process.	Service: Awarded on 02.05.2025 Engineering: 90% Supply: under progress Civil work: Yet to Start Anticipated CoD: 30.06.2026
6.	Upgradation of associated 400 kV bay equipment at Meramundali (OPTCL)	Anticipated Charging date: 30.06.2026 Status: Awarded on 02.05.2025. Engineering under process.	Service: Awarded on 02.05.2025 Engineering: 90% Supply: under progress Civil work: Yet to Start Anticipated CoD: 30.06.2026 CTU requested POWERGRID to complete the project at the earliest.

10. Eastern Region Expansion Scheme-42 (ERES-42)

CTU OM date: 13.09.2024, SCOD: 30.09.2026

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Installation of new 1x500MVA, 400/220kV (3rd) ICT at Pandiabili (POWERGRID) S/s along with associated bay at 220kV level [using the bay no. 413 at 400kV level, which is already under implementation under ERBS-I scheme]	Anticipated COD: 31.07.2027 (Considering award by Oct'25) Status: Tender annulled due to high price, Under re-tendering.	Status: Awarded to M/s Siemens in Oct'25 <ul style="list-style-type: none"> • Supply status: - YTS • Civil work: YTS • Anticipated CoD: 31.07.2027 <p>CTU requested POWERGRID to complete the project at the earliest.</p>

11. Eastern Region Expansion Scheme-44 (ERES- 44): POWERGRID

NCT OM date: 22.11.2024, Implementation timeframe: 18 Months (15 months on best effort basis), SCOD: 22.05.2026 (22.02.2026 on best effort basis)

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Reconductoring of ISTS portion of Alipurduar (POWERGRID) – Falakata (WBSETCL) 220 kV D/c line with HTLS conductor of ampacity 1250 A (54 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
2.	Reconductoring of ISTS portion of Falakata (WBSETCL) – Birpara (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A (54 Km.)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
3.	Reconductoring of Birpara (POWERGRID) – Binaguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A (160 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
4.	Reconductoring of Binaguri (POWERGRID) – Siliguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A (12 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027

5.	Reconductoring of Siliguri (POWERGRID) – Kishanganj (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A. (216 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
6.	Reconductoring of Kishanganj (POWERGRID) – Dalkhola (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A (62 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
7.	Reconductoring of ISTS portion of Dalkhola (POWERGRID) – Gazole (WBSETCL) 220 kV D/c line with HTLS conductor of ampacity 1250 A (195 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
8.	Reconductoring of ISTS portion of Gazole (WBSETCL) – Malda (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A (33 ckm)	Anticipated Charging date: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated Charging date: 31.03.2027
9.	Upgradation of associated 220 kV bay equipment at Alipurduar (POWERGRID)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027
10.	Upgradation of associated 220 kV bay equipment at Birpara (POWERGRID)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027
11.	Upgradation of associated 220 kV bay equipment at Binaguri (POWERGRID)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027
12.	Upgradation of associated 220 kV bay equipment at Siliguri (POWERGRID)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027

13.	Upgradation of associated 220 kV bay equipment at Dalkhola (POWERGRID)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027
14.	Upgradation of associated 220 kV bay equipment at Malda (POWERGRID)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027
15.	Supply and installation of OPGW along with terminal equipment at both ends of Siliguri (POWERGRID) – Kishanganj (POWERGRID) 220 kV D/c (HTLS) line (108 km)	Anticipated COD: 31.03.2027 (Considering award by Sep'25) Status: Under award	Service: Under award Anticipated CoD: 31.03.2027

12. WR-ER Inter-Regional Network Expansion Scheme-Part B: M/s Purulia and Kharagpur Transmission Company Ltd. (owned by Indigrid)
NCT OM date: 12.08.2025, Implementation timeframe: 24 Months [matching with WR-ER Inter-Regional Network Expansion Scheme (Part-A)]

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Reconductoring of LILO point to New PPSP line section of Ranchi (New) – New PPSP 400kV D/c line with Twin HTLS (ampacity of single HTLS as 1574A at nominal voltage level) of line length 27km		Anticipated Charging date: : 24 Months [matching with WR-ER Inter-Regional Network Expansion Scheme (Part-A) i.e Under Bidding]

b) Status of transmission systems under implementation through TBCB route

1. **Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC along with creation of 400/220kV substation at Dhanbad (ERSS-XIX)**
 - **SPV Name:** North Karanpura Transco Ltd. (A subsidiary of M/s Adani Energy Solutions Ltd.), acquired on 08.07.2016
 - **Implementation Schedule as per TSA, SCOD: 30.09.2019**

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
1.	Creation of 400/220 kV sub-station at Dhanbad (ERSS-XIX) (i) Establishment of 400/220 kV, 2x500 MVA sub-station at Dhanbad	Creation of 400/220 kV sub-station at Dhanbad (ERSS-XIX) (i) Establishment of 400/220 kV, 2x500 MVA sub-station at Dhanbad: Commissioned on 10.08.2021	Commissioned on 10.08.2021
	LILO of both circuits of Ranchi – Maithon-RB 400kV D/c line at Dhanbad	LILO of both circuits of Ranchi – Maithon-RB 400kV D/c line at Dhanbad: Commissioned on 10.08.2021	Commissioned on 10.08.2021
	North Karanpura – Chandwa (Jharkhand) Pooling Station 400kV D/c line with quad moose conductor. 3	North Karanpura - Chandwa 400kV D/c (Quad) line was commissioned in Oct'22 (19.10.2022)	Commissioned on 19.10.2022
	North Karanpura – Gaya 400kV D/c line with quad moose conductor.	<p>North Karanpura-Gaya 400kV D/c (Quad) line Anticipated COD: 31.12.2025 (Initial working permission applied in Nov'23, the same was received in Sept'24, followed by tree cutting permission received for all 3 divisions)</p> <p>Total No. of Towers :285 No. of Tower Foundations Completed :285 No. of Tower Erection Completed :277 Stringing Completed (km) :86/98 km</p> <p>Stage-II expected by 1st week of Nov'25 which is required for charging of line.</p> <p>Status as informed by TSP:</p> <ol style="list-style-type: none"> 1. Stage-I approval was granted on 06.06.2023. 2. Working Permission was granted on 25.09.2024. 3. Tree cutting permission received for Chatra North, Chatra South & Latehar offices. 4. Severe RoW: Gaya District (Stringing Stretch, in which there are 4 nos owners in 800m corridor) 	All works are completed except jumpering of conductor which shall be completed after PLCC & DTPC work done at NTPC North Karanpura end and expected to be commissioned in Dec'25 .

Sl. No.	Scope of the Transmission Scheme	Status as per previous JCC meeting	Status as per Dec'25 JCC meeting
		<p>5. SMCP Approval awaited of PCCF office.</p> <p>Expected completion for Transmission line by 31.12.2025.</p> <p>CTU requested M/s NKTL to complete the project at the earliest as SCoD has already elapsed and Unit-3 of NTPC (North Karanpura) is also commissioned. It was suggested that expeditious actions and follow up with concerned authority to be made by TSP to expedite the construction as the SCoD has already lapsed.</p>	

2. Eastern Region Expansion Scheme-XXXIV (ERES-XXXIV)

- **SPV Name:** Paradeep Transmission Ltd (a subsidiary of TATA Power) acquired on 06.11.2024
- **Implementation Schedule as per TSA:** 24 months from the date of SPV transfer

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
1.	<p>Establishment of Paradeep 765/400 kV, 2x1500MVA GIS substation</p> <ul style="list-style-type: none"> • 765/400 kV, 1500 MVA ICTs: 2 Nos. (7x500 MVA single phase units including one spare) • 765 kV ICT bays: 2 Nos. • 400 kV ICT bays: 2 Nos. • 765 kV, 330 MVAr Bus reactor: 2 Nos.(7x110 MVAr single phase units including one spare unit for both bus and line reactors) • 420 kV, 125 MVAr Bus reactor: 2 Nos. • 765 kV Bus reactor bays: 2 Nos. • 400 kV Bus reactor bays: 2 Nos. • 765 kV line bays: 2 Nos. [for termination of Angul (POWERGRID) –Paradeep 765 kV D/c line along with 765 kV, 	<p>SCOD: 06.11.2026 Anticipated CoD: 06.11.2026</p> <p>Status as informed by TSP: 1. PO has been issued to all major equipment's manufacturer such as</p> <ul style="list-style-type: none"> • 765 kV & 400 kV GIS • 1500 MVA ICTs • 330 MVAR & 125 MVAR Reactor. <p>Status as informed by TSP: Land Acquisition for 765/400kV GIS Substation:</p> <ul style="list-style-type: none"> • The acquisition of land for the construction of the 765/400kV GIS substation is currently in progress. A 	<p>SCOD: 06.11.2026</p> <p>-Land Acquisition Status: Final approval with Revenue Secretary and work is under process at site.</p> <p>-Supply status of Transformer & Rector:</p> <p><u>Transformer:</u> 765/400 kV, 1500 MVA ICTs, 2 Nos. (7x500 MVA single phase units including one spare): Delivery of ICTs at site phase wise from April'26 to June'26.</p> <p><u>Reactor:</u> 765 kV, 330 MVAr Bus reactor, 2 Nos.(7x110 MVAr single phase units including one spare unit for both bus and line reactors): _Delivery</p>

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
	<p>1x330 MVAR switchable line reactor at Paradeep end in both circuits]</p> <ul style="list-style-type: none"> • 765 kV, 330 MVAR (3x110 MVAR single phase units) switchable line reactor along with associated bay and 500-ohm NGR (with NGR bypass arrangement): 2 Nos. [at Paradeep end in both circuits of Angul (POWERGRID) –Paradeep 765 kV D/c line] • 400 kV line bays: 2 Nos. [for termination of Paradeep – Paradeep (OPTCL) 400 kV D/c (Quad) line] 	<p>total of approximately 80 acres (govt. land) is planned for acquisition.</p> <ul style="list-style-type: none"> • Construction of approach road is in progress. • Soil filling activity started. <p>The handing over of the land to TP PTL by the revenue department is expected by 31.12.2025.</p>	<p>of Reactors at site phase wise from April'26 to June'26.</p> <p>420kV, 125MVAR Bus reactor, 2 nos.: Delivery of Reactors at site phase wise from April'26 to June'26.</p> <p>765 kV, 330 MVAR (3x110 MVAR single phase units) SLR, 2 Nos.: Delivery of Reactors at site phase wise from April'26 to June'26.</p> <ul style="list-style-type: none"> • Civil works: 5% 40 no of pile foundation of line reactor have been completed. 11500cu.m soil filling have been completed. Approach road making of 600mtr have been completed. <p>Anticipated CoD: 06.11.2026#</p> <p><i>(#As per Minutes of Meeting held by CEA on 12.01.2026, Assessed Schedule for the proejct: 30-09-2027)</i></p>
2.	<p>Angul (POWERGRID) –Paradeep 765 kV D/c line along with 765kV, 1x330 MVAR switchable line reactor with 500 ohm NGR (with NGR bypass arrangement) at Paradeep end in both circuits</p>	<p>SCOD: 06.11.2026 Anticipated CoD: 06.11.2026 Status as informed by TSP:</p> <ul style="list-style-type: none"> • Tower foundation in progress; 72 locations completed till date. 11 locations are planned for Sept-25. Total towers: 477 Nos. • Transmission license is reserved with CERC. • Application for section 164 submission is pending due to non-availability of Transmission license. <p>FM-1 (Regulatory & ROW Delays):</p>	<p>SCOD: 06.11.2026 Status as informed by TSP:</p> <ul style="list-style-type: none"> • Tower Foundation completed: 110/477 completed • Tower erection: 03/477 completed • Stringing status: 0/179.47 km Anticipated CoD: 06.11.2026 <p>Status as informed by TSP:</p> <ul style="list-style-type: none"> • Application for section 164 submission is pending due to non-availability of Transmission license.

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		<ul style="list-style-type: none"> • TSP is facing major ROW issues at critical locations (14/8, 15A/1, 20/2, 24/4, 20/10, 97/3, 97/4, 18A/1, 54/2, 55/0, 81/2, 80A/1, 102/5, 109/0, 127/0, etc.), and have received legal notices from landowners. Due to the absence of Section 164, resolving these ROW constraints has become even more difficult, further slowing down physical progress. FM is notified w.e.f. 07.05.2025 and time extension is requested for the entire affected period. <p>FM-2 (ARC Zone Issue)</p> <ul style="list-style-type: none"> • On 10.04.2025, TPPTL began foundation work at location 66/8 (Machhapangi Village, Tangi Choudwar, Cuttack) for the 765 kV D/C Angul-Paradeep line. During execution, ARC officials informed that locations AP-58 to AP-71A lie in an ARC zone used for paratrooper landings. TPPTL was instructed to halt work. • 23.04.2025: TPPTL applied to ARC for NOC to continue work in the designated zone. • 08.05.2025: ARC officially denied NOC citing interference with paratrooper operations. • 06.06.2025: ARC officially denied NOC citing interference with paratrooper operations. • Post 06.06.2025: All works stopped in ARC zone; TPPTL began re-routing to bypass the ARC zone. 	<p>(Conditional Transmission License is received on 18th December'2025)</p> <ul style="list-style-type: none"> • TSP is facing major ROW issues at 15 locations and have received legal notices from landowners. Due to the absence of Section 164, further slowing down physical progress. <p>ARC Zone Issue</p> <p>TPPTL was instructed to halt work by ARC officials as locations AP-58 to AP-71A lie in an ARC zone used for paratrooper landings.</p> <p>Revised route proposals have been submitted to ARC for approval along with subsequent meetings where TPPTL presented the details of the submitted revised route for the project.</p> <p>ARC acknowledged the submission and informed that they will forward the revised route details to their Headquarters (HQ) for further processing.</p> <p>Verbal approval received on 15th December'2025 to carry out the work.</p> <p>Tower designing under progress.</p>

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		<ul style="list-style-type: none"> Impact: Delay in project execution due to unforeseen security restrictions. <p>Current Status: Revised route proposals have been submitted to ARC for approval on 31-07-2025.</p> <p>A meeting was held with ARC Specialist Officer (Coming from ARC Sarsawa) at ARC Charbatia on 13th September 2025, during which we presented the details of the submitted revised route for the project.</p> <p>ARC acknowledged the submission and informed that they will forward the revised route details to their Headquarters (HQ) for further processing.</p>	
3.	Paradeep – Paradeep (OPTCL) 400 kV D/c(Quad) line	<p>SCOD: 06.11.2026 Anticipated CoD: 06.11.2026</p> <ul style="list-style-type: none"> 12 km of check survey completed. Walkover and detailed survey for new substation land is in progress of 400 kV Paradeep to Paradeep line. Transmission license is reserved with CERC. Application for section 164 submission is pending due to non-availability of Transmission license. Currently, no construction work is progressing at site due to non-feasible and non-approachable pile locations, primarily caused by heavy rainfall in the region. Work is expected to resume from November 2025 onwards, once 	<p>Survey status:- Completed</p> <ul style="list-style-type: none"> Tower Foundation completed: -/34 completed Tower erection: -/34 completed Stringing status: -/12.97 km completed Anticipated CoD: 06.11.2026 <p>Status as informed by TSP:</p> <p>Work on the entire section has not yet started due to ongoing ROW issues, we will engage with administration as soon as the Section 164 is received.</p>

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		<p style="text-align: center;">site conditions improve and accessibility is restored.</p>	
4.	<p>Extension at Angul (POWERGRID) S/s</p> <ul style="list-style-type: none"> • 765 kV line bays (along with space for future switchable line reactor): 2 Nos. [for termination of Angul (POWERGRID) – Paradeep 765 kV D/c line along with 765 kV, 1x330 MVAR switchable line reactor at Paradeep end in both circuits] 	<p>SCOD: 06.11.2026 Anticipated CoD: 06.11.2026</p> <p>Status as informed by TSP: Design & Engineering: In progress Following drawings have been prepared and released for construction</p> <ul style="list-style-type: none"> • Electrical Layout and section drawings for new 765kV diameter & existing half diameter. • EKD Layout and Sections • Soil cutting and filling layout • 765kV Switch yard foundation layout and equipment foundation drawings • Architectural and RCC drawings for SPR • Substation Earthmat layout • Design & engineering of all switchyard equipment have been completed. <p>Construction Activities :</p> <ul style="list-style-type: none"> • Contour survey of the area for new diameter- Completed • Soil investigation (SBC and ERT)- Completed • Soil cutting and plot levelling is in progress • Construction of foundation for gantry tower, equipment foundation and Switchyard Panel Room is in progress • Work Order issued to Manufacturers of major 765kV Switchyard equipment and other accessories 	<p>Land Acquisition Status: Land Acquired</p> <ul style="list-style-type: none"> • Civil works: 60% • Supply of equipment (except Transformer & Reactor): 10 % • Erection work: Yet to start • Anticipated CoD: 06.11.2026

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
5.	<p>Extension at Paradeep (OPTCL) GIS S/s</p> <ul style="list-style-type: none"> 400 kV GIS line bays: 2 Nos. [for termination of Paradeep–Paradeep (OPTCL) 400 kV D/c (Quad) line] 	<p>SCOD: 06.11.2026 Anticipated CoD: 06.11.2026</p> <p>Status as informed by TSP:</p> <ul style="list-style-type: none"> Site survey completed. Co-ordination with OPTCL and collection of engineering data pertaining to existing Substation layout and Switchgear is in progress. Design and Engineering is in progress. <p>Change in make of 400kV GIS for bay extension at OPTCL:</p> <ul style="list-style-type: none"> TPPTL initially considered Hyosung make 400kV GIS for the bay extension at the OPTCL end. The design and engineering of the 400kV GIS bays at OPTCL were completed, and both indoor and outdoor layouts were prepared accordingly. However, during a meeting with OPTCL on 05.05.2025 regarding the technical inputs required for integrating the ongoing Hitachi make GIS (at OPTCL) with the proposed Hyosung make GIS (of TP PTL), OPTCL strongly recommended adopting the Hitachi make GIS instead of Hyosung. This was to ensure optimal space utilization within the GIS hall, enable seamless integration with the existing GIS infrastructure, and facilitate ease of operation and maintenance. Based on OPTCL's sustained advocacy and constant persuasion, TP PTL decided to switch the make of GIS from Hyosung to Hitachi. 	<ul style="list-style-type: none"> Land Acquisition Status: Land is available at Paradeep (OPTCL) and work to be started after finalization of layout of JSW bay at (Paradeep) OPTCL. Anticipated CoD: 06.11.2026

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		<ul style="list-style-type: none"> PO has been issued to M/s Hitachi for the supply of 400 kV GIS. Simultaneously, the design and engineering of the Hitachi make 400kV GIS and the preparation of a revised layout are underway. However, the change in make of GIS at an advanced stage of the project has necessitated re-engineering, resulting in delays to the 400kV GIS bay extension work at the OPTCL end. The engineering and construction work related to the 400kV GIS bay extension at the OPTCL end are currently delayed due to non-receipt of critical layout confirmations from OPTCL. The following issues are contributing to the delay: <ol style="list-style-type: none"> Change in GIS Bay Location Shift in Line Gantry Location 	

3. Eastern Region Expansion Scheme-XXXIX (ERES-XXXIX)

- SPV Name:** ERES-XXXIX Power Transmission Ltd (a subsidiary of TATA Power Company Ltd.) acquired on 14.11.2024
- Implementation Schedule as per TSA:** 31.12.2027

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
1.	Establishment of new 765/400kV, 2x1500MVA GIS substation at Gopalpur in Odisha <ul style="list-style-type: none"> 765/400 kV, 1500MVA ICTs: 2 Nos.(7x500 MVA single phase units including one spare) 765 kV ICT bays: 2 Nos. 400 kV ICT bays: 2 Nos. 	SCOD: 31.12.2027 Anticipated CoD: 31.12.2027 Status as informed by TSP: <ul style="list-style-type: none"> All purchase orders related to development of sub- station has been issued. CEA had directed TPGTL to shift the substation to alternate location for benefit 	-Land Acquisition Status: Finalized the land parcel but on hold in view of CERC order in TL petition. -Supply status of Transformer & Rector: <u>Transformer:</u> 765/400 kV, 1500 MVA ICTs, 2 Nos. (7x500 MVA single phase units including

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
	<ul style="list-style-type: none"> • 765 kV, 330 MVA Ar Bus reactor: 2 Nos.(7x110 MVA Ar single phase units including one spare unit for both bus and line reactors) • 765 kV Bus reactor bays: 2 Nos. • 420 kV, 125 MVA Ar Bus reactor: 2 Nos. • 400 kV Bus reactor bays: 2 Nos. • 765 kV line bays: 2 Nos. [for termination of Angul (POWERGRID) – Gopalpur 765 kV D/c line along with 765 kV, 1x330 MVA Ar switchable line reactor at Gopalpur end in both circuits] • 400 kV line bays: 2 Nos. [for termination of Gopalpur – Gopalpur (OPTCL) 400 kV D/c (Quad) line] • 765 kV, 330 MVA Ar (3x110 MVA Ar single phase units) switchable line reactor along with associated bay and 500 ohm NGR (with NGR bypass arrangement) [at Gopalpur end in both circuits of Angul (POWERGRID) – Gopalpur 765 kV D/c line]: 2 Nos. 	<p>of Green Hydrogen developers. It was also recorded that the additional cost towards shifting of the substation location will be shared by Green Hydrogen developers. TPGTL had completed negotiations for acquiring the land in Tata Steel SEZ as well as survey & layout design finalization for construction of substation in alternate location. Subsequently Green hydrogen developers showed their reluctance for paying the cost of increased length of transmission line due to shifting of Substation location which was agreed in meeting held in presence of all stake holders (CEA, CTU, STU, GRIDCO). This has delayed the land acquisition process as per original plan of TPGTL. However, TPGTL is maintaining the same scheduled COD of 31.12.2027.</p> <ul style="list-style-type: none"> • TPGTL has initiated the land acquisition process for 765/400kV Substation at originally identified location as per RFQ guidelines. This acquisition will be completed by 31.10.2025. • 45 acres acquisition of land are expected by Sept'25 end and 23 acres expected by Oct'25 end. 	<p>one spare):</p> <p><u>Reactor:</u></p> <p>765 kV, 330 MVA Ar Bus reactor, 2 Nos.(7x110 MVA Ar single phase units including one spare unit for both bus and line reactors):</p> <p>420kV, 125MVA Ar Bus reactor, 2 nos.:</p> <p>765 kV, 330 MVA Ar (3x110 MVA Ar single phase units) SLR, 2 Nos.:</p> <ul style="list-style-type: none"> • Anticipated CoD: 31.12.2027
2.	Angul – Gopalpur 765 kV D/c line	<p>SCOD: 31.12.2027 Anticipated CoD: 31.12.2027</p> <p>Status as informed by TSP:</p> <ul style="list-style-type: none"> • Detailed Survey is completed. Soil investigation completed. Check Survey in progress 110/178 km completed. • 22 Tower foundation is completed. Construction of 6 Tower foundations is in progress. 	<ul style="list-style-type: none"> • Survey status: - Survey Completed • Tower Foundation completed: 40/452 completed (7 locations- WIP) • Tower erection: 0/452 completed • Stringing status: 0/178 km completed • Anticipated CoD: 31.12.2027

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		Application is made for grant of approval under section 164 on 06.06.2025, approval is pending due to non-availability of Transmission license.	
3.	<p>Extension at 765kV level at Angul (POWERGRID) S/s including bus extension in GIS</p> <ul style="list-style-type: none"> 765 kV GIS/Hybrid line bays (along with space for future switchable line reactor): 2 nos. [for termination of Angul (POWERGRID) – Gopalpur 765kV D/c line] including bus extension in GIS of about 3000 m 	<p>SCOD: 31.12.2027 Anticipated CoD: 31.12.2027</p> <p>Status:</p> <ul style="list-style-type: none"> Joint survey and allocation of area for bay extension completed. Agreement for working inside PowerGrid is executed. The area allotted to TPGTL for construction of bays is covered with dense trees. permission is yet to be obtained by Powergrid for cutting of trees. <p><u>Progress of Tree cutting permission -</u> Land schedule was submitted to Tehsildars (Banarpal & Hindol) for verification. verification reports are shared by Tehsildars. Verification reports is to be submitted to DFOs by Powergrid for obtaining tree cutting permission.</p>	<ul style="list-style-type: none"> Land Acquisition Status: Permission by Powergrid is not yet provided. Civil works not yet started Anticipated CoD: 31.12.2027
4.	Gopalpur – Gopalpur (OPTCL) 400kV D/c (Quad) line@	<p>SCOD: 31.12.2027 Anticipated CoD: 31.12.2027</p> <p>Status: Detailed Survey is completed. Location:32 foundations Ckm: 13 ckm Soil investigation is in progress.</p> <ul style="list-style-type: none"> Application is made for grant of approval under section 164 on 06.06.2025, approval is pending due to non-availability of Transmission license. Detailed Survey is completed upto proposed OPTCL Substation at Badakusasthali. 	<p>SCOD: 31.12.2025 Anticipated CoD: 31.12.2027</p> <p>Status: Detailed Survey is completed. Location: 32 foundations Ckm: 13 ckm Soil investigation completed. Gantry alignment yet to finalize after receipt of S/s layout.</p>

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		Gantry location and its alignment at OPTCL substation end is yet to be received from OPTCL for further layout design and finalization.	
5.	Extension at 400kV level at #Gopalpur (OPTCL) GIS S/s <ul style="list-style-type: none"> 400 kV GIS line bays: 2 nos. [for termination of Gopalpur – Gopalpur (OPTCL) 400kV D/c (Quad) line] + 2 nos. for diameter completion 	SCOD: 31.12.2027 Anticipated CoD: 31.12.2027 Status: <ul style="list-style-type: none"> OPTCL has provided coordinates of proposed plot at Badakusasthali. Gantry location and its alignment at OPTCL substation end is yet to be received from OPTCL for further layout design and finalization. Other details like GIS layout, control and protection schemes are awaited from OPTCL. TPGTL is following up with OPTCL for the same. Balance details are awaited from OPTCL for proceeding with design and construction of bay extension work. 	Anticipated CoD: 31.12.2027 Status: <ul style="list-style-type: none"> OPTCL has provided coordinates of proposed plot at Badakusasthali. Gantry location and its alignment at OPTCL substation end is yet to be received from OPTCL for further layout design and finalization. Other details like GIS layout, control and protection schemes are awaited from OPTCL. TPGTL is following up with OPTCL for the same. Balance details are awaited from OPTCL for proceeding with design and construction of bay extension work.

4. Eastern Region Generation Scheme-I (ERGS-I)

- SPV Name:** Angul Sundargarh Transmission Ltd (a subsidiary of HG Infra Engineering Ltd.) acquired on 28.07.2025
- Implementation Schedule as per TSA:** 28.03.2028

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
1.	LILO of both circuits of Angul – Sundargarh (Jharsuguda) 765 kV 2xS/c lines at NLC-Talabira generation switchyard	SCOD: 28.03.2028 Anticipated CoD: 28.03.2028 Status: <ol style="list-style-type: none"> Petition Submitted to CERC for grant of Transmission license. Petition Submitted to CERC for Tariff Adoption. Preliminary Survey is completed. 	<ul style="list-style-type: none"> Preliminary Survey status: 40 km completed Detailed Survey status:- 01 km completed Tower Foundation completed: - 00* completed Tower erection: – 00* completed Stringing status: - 00* km completed Anticipated CoD: 28.03.2028 *Detail survey is in progress.

Sl. No	Scope of the Transmission Scheme	Status as per previous JCC Meeting	Status as per Dec'25 JCC Meeting
		4. Order released for Design services of tower, foundation etc.	<ul style="list-style-type: none"> • Tower Structural Design done for DA, DB, DC, DD60. • Tower Structural Drawing Done for DA. • Tower testing order releasing is in process. <ol style="list-style-type: none"> 1. Petition Submitted to CERC for grant of Transmission license. 2. Petition Submitted to CERC for Tariff Adoption. 3. Order released for Design services of tower, foundation etc.

Annexure-I**List of Participants in the 46th JCC meeting of ER held on 19.12.2025:**

S. No.	Name	Designation	Organisation	E-mail
1.	Sh. Angsuman Rudra	GM	Avaada	angshuman.rudra@avaada.com
2.	Sh. Ravi Kumar	AGM (PE-Electrical)	NTPC	kuraravikkumar@ntpc.co.in
3.	Sh. Indu Bhusan Chakraborty	Ch. Power Management	Rashmi group	indu@rashmigroup.com
4.	Sh. Amit prakash	Sr. VP & Dy. Head	RMIPL	amit.prakash@rashmigroup.com
5.	Sh. Mahendra malik	AGM	JSW	mahendra.malik@jsw.in
6.	Sh. Santhosh C.S	ED & Proj. Head	NLC Talabira	ph.nttp@nlcindia.in
7.	Sh. Mithilesh Prashad Dinkar	GGM (T&RE)	NHPC	mpdinkar@nhpc.nic.in
8.	Sh. Pradipt kumar das	GM (Electrical)	NHPC Ltd.,Teesta-VI HEP	enm-teesta6@nhpc.nic.in
9.	Sh. S K Mishra	GM	JPCL	skmishra@nhpc.nic.in
10.	Sh. Kamal gupta	AGM	Renew	kamal.gupta@renew.com
11.	Sh. Pallavi gurnani	AGM	Renew	Pallavi.gurnani@renew.com
12.	Sh. Siddesh Shrungare	Manager	Renew	siddesh.shrungare@renew.com
13.	Sh. Tushar Dhande	CEO	TPGTL	tushardhande@tatapower.com
14.	Sh. Kapil Prabhakar Umak	CEO	TPPTL	kapilumak@tatapower.com
15.	Sh. Atit Swami	Sr. Manager	Adani Transmission Ltd.	Atit.swami@adani.com

S. No.	Name	Designation	Organisation	E-mail
16.	Sh. Utkarsh Raj	Asst. Manager	NKTL (AESL)	Utkarsh.Raj@adani.com
17.	Sh. Vivek Karthikeyan1	AGM	EnerGrid/ Indigrid	vivek.karthikeyan1@energrid.in
18.	Sh. Rajib dutta	Sr. VP & Business Head	HG Infra Engineering Ltd.	rajib.dutta@hginfra.com
19.	Sh. Janak Choudhary	Dy. Manager	HG Infra Engineering Ltd.	janak.choudhary@hginfra.com
20.	Sh. Bidyut Saha	AVP (Projects)	IPCL	bidyut.saha@indiapower.com
21.	Sh. VK narwal	GM (PMD)	POWERGRID	vikas@powergrid.in
22.	Sh. Pinaki Dutta	GM	POWERGRID	pdutta@powergrid.in
23.	Sh. Satish Shankar	DGM	POWERGRID	satishshankar@powergrid.in
24.	Sh. Uttam Kumar	DGM	POWERGRID	uttam@powergrid.in
25.	Sh. Ravi Dhakar	Ch. Manager	POWERGRID	ravi.dhakar@powergrid.in
26.	Sh. Shiv Kumar	Ch. Manager	CTUIL	kumar.shiv@powergrid.in
27.	Sh. Sanjeev Singh	Manager	CTUIL	sanjeev92.singh@powergrid.in
28.	Sh. Divesh Kamdar	Engineer	CTUIL	diveshkamdar@powergrid.in
29.	Sh. Neeraj Bhagoriya	ET	CTUIL	neerajbhagoria@powergrid.in
30.	Sh. Vijay Bishnoi	ET	CTUIL	vijaybishnoi@powergrid.in
31.	Sh. Shriram Prajapat	ET	CTUIL	shriramp@powergrid.in