
भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

Dated: 30th April, 2025

सेवा में/ To

संलग्न सूची के अनुसार/ As per list enclosed

विषय: मई, 2025 माह के बिलिंग महीने (मार्च, 2025 की बिलिंग अवधि) का आर.टी.ए. और आर.टी.डी.ए |
**Subject: RTA and RTDA for billing month of May, 2025 (billing period March, 2025)**

महोदय/ Sir,

Regional Transmission Account and Regional Transmission Deviation Account for the billing month of May, 2025 (Billing period March, 2025) are issued herewith, prepared as per provisions given in CERC (Sharing of Inter State Transmission Charges and Losses) Regulations, 2020, and based on following:

1. Notification of Transmission charges payable by DICs for Billing Month of May, 2025 issued by Implementing Agency, NLDC, on 25.04.2025 (copy enclosed)
2. Net metered ex-bus injection data furnished by NRLDC

The concerned entities are requested to intimate the discrepancy / error, if any, within 15 days from the date of issue of this RTA & RTDA. In case no such communication is received from any constituent within 15 days, the RTA & RTDA will be treated as correct and closed.

अनुलग्नक – यथोपरि।
Encl.: As above.

भवदीय
Yours faithfully,

**Signed by Anzum Parwej**
**Date: 30-04-2025 17:08:55**

(अंजुम परवेज)
अधीक्षण अभियंता

18-ए, शहीद जीत सिंह मार्ग, कटवारिया सराय, नई दिल्ली- 110016 फोन:011-26553023 ई-मेल: sec-nrpc@nic.in वेबसाईट: http://164.100.60.165
18-A, S. Jeet Singh Marg, Katwaria Sarai, New Delhi-110016 Phone: 011-26553023 e-mail: sec-nrpc@nic.in Website: http://164.100.60.165

**NORTHERN REGIONAL POWER COMMITTEE**

**Regional Transmission Account of Northern Region for the billing month of May'2025 (billing period of March'2025 )**

**Monthly Transmission Charges for Designated ISTS Customers (DICs)**

| S.No. | DIC | GNA (MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable (without waiver) (₹) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 1 | Delhi | 4,810 | 17,20,17,837 | 70,31,52,646 | 14,11,27,220 | 11,69,76,532 | 21,88,86,425 | 5,63,12,302 | | 1,40,84,72,962 |
| 2 | UP | 10,058 | 66,01,87,746 | 1,47,02,61,485 | 29,50,90,855 | 24,45,92,820 | 45,76,81,959 | 13,75,66,267 | | 3,26,53,81,132 |
| 3 | Punjab | 5,529 | 51,66,83,483 | 80,82,60,079 | 16,22,22,952 | 13,44,62,213 | 25,16,05,623 | 10,52,97,193 | | 1,97,85,31,543 |
| 4 | Haryana | 5,143 | 35,01,00,408 | 75,18,32,445 | 15,08,97,566 | 12,50,74,907 | 23,40,40,101 | 21,51,65,265 | | 1,82,71,10,692 |
| 5 | Chandigarh | 342 | 1,58,77,037 | 4,99,95,469 | 1,00,34,409 | 83,17,250 | 1,55,63,234 | 2,50,42,439 | | 12,48,29,839 |
| 6 | Rajasthan | 5,746 | 31,65,82,475 | 83,99,82,351 | 16,85,89,814 | 13,97,39,532 | 26,14,80,540 | 8,89,57,501 | | 1,81,53,32,212 |
| 7 | HP | 1,181 | 10,60,39,341 | 17,25,72,079 | 3,46,36,317 | 2,87,09,105 | 5,37,20,463 | 3,66,50,325 | | 43,23,27,629 |
| 8 | J&K | 1,977 | 19,96,24,356 | 28,90,08,894 | 5,80,05,928 | 4,80,79,543 | 8,99,66,416 | 6,00,35,926 | | 74,47,21,064 |
| 9 | Uttarakhand | 1,416 | 11,51,82,276 | 20,69,76,855 | 4,15,41,575 | 3,44,32,687 | 6,44,30,425 | 3,11,91,587 | | 49,37,55,405 |
| 10 | Railways-NR-ISTS-UP | 130 | 64,16,519 | 1,90,04,126 | 38,14,249 | 31,61,528 | 59,15,849 | | | 3,83,12,270 |
| 11 | PG-HVDC-NR | 8 | 3,29,898 | 11,69,485 | 2,34,723 | 1,94,556 | 3,64,052 | | | 22,92,713 |
| 12 | Northern Railways | | | | | | | 25,65,284 | | 25,65,284 |
| 13 | North Central Railways | | | | | | | 20,82,280 | | 20,82,280 |
| 14 | RAPP 7&8, NPCIL | | | | | | | | 3,25,98,581 | 3,25,98,581 |
| 15 | Adani Renewable Energy Park Rajasthan Limited | | | | | | | | 17,096 | 17,096 |
| 16 | THDC India Ltd. | | | | | | | | 4,31,72,638 | 4,31,72,638 |
| 17 | Adani Renewable Energy Holding Seventeen Pvt. Ltd. | | | | | | | | 1,20,09,553 | 1,20,09,553 |

# NORTHERN REGIONAL POWER COMMITTEE

## Regional Transmission Account of Northern Region for the billing month of May'2025 (billing period of March'2025 )

| S. No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | Monthly Transmission Charges in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 1 | 400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota) | Powergrid | RAPP 7&8, NPCIL | NR | 3,25,98,581 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 2 | 2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station | Powergrid | Adani Renewable Energy Park Rajasthan Limited | NR | 8,284 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 3 | Establishment of 400 kV Pooling Station at Fatehgarh | Fatehgarh Badhla Transmission Limited | Adani Renewable Energy Park Rajasthan Limited | NR | 8,812 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 4 | Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV) | | | | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 5 | 2 Nos. 400 kV line bays at Fatehgarh Pooling Station | | | | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 6 | 1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay | | | | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 7 | Space for future 220kV (12 Nos) Line Bays | | | | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 8 | Space for future 400kV (8 Nos) Line Bays alongwith line reactors at at Fatehgarh Pooling Station | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 9 | Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level. | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 10 | Space for future 400kV bus reactors (2 Nos) alongwith associated bays. | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 11 | 765/400 kV 1500 MVA ICT along with associated bays at Meerut Sub-station under Transmission System associated with Tehri Pump Storage Plant (PSP) | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |

## NORTHERN REGIONAL POWER COMMITTEE

**Regional Transmission Account of Northern Region for the billing month of May'2025 (billing period of March'2025 )**

| S. No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | Monthly Transmission Charges in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 12 | 765/400 kV 800 MVA ICTI along with associated bays at Koteshwar (Tehri Pooling Station) under Transmission System associated with Tehri Pump Storage Plant (PSP) | Powergrid | THDC India Ltd. | NR | 4,31,72,638 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 13 | 400 kV S/C Tehri (Generation)-Tehri (Koteshwar) (Quad) line along with associated bays at both ends under Transmission system associated with Tehri Pump Storage Plant (PSP) | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 14 | Establishmnet of 400/220kV, 4x500MVA Ramgarh-II PS (Fatehgarh-III PS) with 420kV (2x125MVAr) Bus Reactor<br><br>400kV:<br>500MVA ICT - 4<br>ICT bays - 4<br>Line bays - 4<br>125MVAr Bus Reactor - 2<br>Reactor Bays - 2<br><br>220kV:<br>ICT bays - 4<br>Line Bays - 7 | Powergrid Ramgarh Transmission Ltd. | Adani Renewable Energy Holding Seventeen Pvt. Ltd. | NR | 1,20,09,553 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 15 | Ramgarh-II PS(Fatehgarh-III) - Fatehgarh-II PS 400kV D/c line (Twin HTLS) | | | | | | |
| 16 | 2 nos. of 400kV line bays at Fatehgarh-II PS for Ramgarh-II PS - Fatehgarh-II PS 400kV D/c line | | | | | | |
| 17 | Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line (Twin HTLS) | | | | | | |
| 18 | 2 nos. of 400kV line bays at Jaisalmer-II (RVPN) for Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line | | | | | | |

# NORTHERN REGIONAL POWER COMMITTEE

**Regional Transmission Account of Northern Region for the billing month of May'2025 (billing period of March'2025 )**

*Where Long Term Access is granted to a generating station on existing margins and COD of the generating station or unit(s) thereof is delayed*

| S.No. | Name of Generating Station | Connectivity Granted by CTU (MW) | Pooling Station | Connectivity Granted by CTU (MW) | Commissioned Connectivity Capacity (MW) | Date of Commercial Operation | Details of effectiveness of connectivity / GNA | Delayed Connectivity Capacity (MW) | Transmission Charges (₹) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NTPC Ltd. (Rihand Solar) | NR | Intra-State | 20 | 0 | - | 20MW: 20.10.2022 | 20 | 60,000 | |
| 2 | THDC India Ltd. (Khurja STPP) | NR | Aligarh S/s | 465.6 | 0 | Yet to be commissioned | 30.04.2023 | 465.6 | 13,96,800 | |
| 3 | Shree Cement Limited | NR | Shree Cement Generation Switchyard | 44 | 0 | Yet to be connected to ISTS | 30.09.2024 | 44 | 1,32,000 | |

# NORTHERN REGIONAL POWER COMMITTEE

## Regional Transmission Deviation Account for the Month of March 2025

| GEN/DIC | Location | Transmission Deviation Rate (Rs./MW) | T-GNA Rate (Rs./MW/Block) | Transmission Deviation-Excess Drawal (MW) | Transmission Deviation-Excess Injection (MW) | Transmission Deviation Charges (Rs.) |
|---|---|---|---|---|---|---|
| **DRAWL DIC** | | | | | | |
| Chandigarh | Chandigarh | 153.31 | 134.91 | 0.000 | 0.000 | 0 |
| Delhi | Delhi | 122.99 | 108.23 | 0.000 | 0.000 | 0 |
| Himachal Pradesh | Himachal Pradesh | 153.82 | 135.37 | 10420.000 | 0.000 | 1602980 |
| Haryana | Haryana | 149.22 | 131.31 | 0.000 | 0.000 | 0 |
| Jammu & Kashmir | Jammu and Kashmir | 158.22 | 139.23 | 56664.000 | 0.000 | 8965620 |
| Punjab | Punjab | 150.31 | 132.27 | 0.000 | 13932.000 | 2094120 |
| PG(HVDC-NR) | NR | 140.67 | 123.79 | 0.000 | 0.000 | 0 |
| Rajasthan | Rajasthan | 132.70 | 116.78 | 32.000 | 9024.000 | 1202068 |
| Railways NCR | Uttar Pradesh | 136.37 | 120.01 | 35560.000 | 0.000 | 4849340 |
| Uttrakhand | Uttarakhand | 146.48 | 128.90 | 4548.000 | 0.000 | 666284 |
| Uttar Pradesh | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 11880.000 | 1619928 |
| **INJECTION DIC** | | | | | | |
| ADHPL | Himachal pradesh | 153.82 | 135.37 | 44.000 | 0.000 | 5760 |
| Anta | Rajasthan | 132.70 | 116.78 | 3944.000 | 0.000 | 460772 |
| Auraiya | Uttar Pradesh | 136.37 | 120.01 | 4180.000 | 0.000 | 501492 |
| Bairasul | Himachal pradesh | 153.82 | 135.37 | 8.000 | 340.000 | 53296 |
| Chamera I | Himachal pradesh | 153.82 | 135.37 | 368.000 | 288.000 | 94260 |
| Chamera II | Himachal pradesh | 153.82 | 135.37 | 0.000 | 0.000 | 24 |
| CHAMERA-III HPS | Himachal pradesh | 153.82 | 135.37 | 0.000 | 128.000 | 19880 |
| Dadri GPP | Uttar Pradesh | 136.37 | 120.01 | 5416.000 | 0.000 | 649864 |
| Dadri - I TPP | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| Dadri - II TPP | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| DHAULIGANGA | Uttarakhand | 146.48 | 128.90 | 80.000 | 16.000 | 12940 |
| DULHASTI | Jammu and Kashmir | 158.22 | 139.23 | 0.000 | 232.000 | 36912 |
| IGSTPS Jhajjar | Haryana | 149.22 | 131.31 | 0.000 | 0.000 | 0 |
| KWHEP | Himachal pradesh | 153.82 | 135.37 | 644.000 | 48.000 | 94368 |
| Khurja STPP | Uttar Pradesh | 136.37 | 120.01 | 2160.000 | 124136.000 | 17187540 |
| Koldam HEP | Himachal pradesh | 153.82 | 135.37 | 4296.000 | 4.000 | 582288 |
| KOTESHWAR | Uttarakhand | 146.48 | 128.90 | 0.000 | 104.000 | 15060 |

# NORTHERN REGIONAL POWER COMMITTEE

## Regional Transmission Deviation Account for the Month of March 2025

| GEN/DIC | Location | Transmission Deviation Rate (Rs./MW) | T-GNA Rate (Rs./MW/Block) | Transmission Deviation-Excess Drawal (MW) | Transmission Deviation-Excess Injection (MW) | Transmission Deviation Charges (Rs.) |
|---|---|---|---|---|---|---|
| Kishanganga HEP | Jammu and Kashmir | 158.22 | 139.23 | 464.000 | 16.000 | 66856 |
| Nathpa Jhakri | Himachal pradesh | 153.82 | 135.37 | 720.000 | 240.000 | 134216 |
| Greenko Budhil | Himachal pradesh | 153.82 | 135.37 | 16.000 | 0.000 | 2300 |
| PARBATI-II_Infirm | Himachal pradesh | 153.82 | 135.37 | 0.000 | 0.000 | 0 |
| PARBATI-III | Himachal pradesh | 153.82 | 135.37 | 32.000 | 0.000 | 4504 |
| RAMPUR HEP | Himachal pradesh | 153.82 | 135.37 | 44.000 | 700.000 | 113460 |
| Rihand - I | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| Rihand - II | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| RIHAND-III STPS | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| RAP7&8_StartupDrawl | Rajasthan | 132.70 | 116.78 | 29820.000 | 0.000 | 3482172 |
| SAINJ | Himachal pradesh | 153.82 | 135.37 | 36.000 | 0.000 | 4668 |
| Singoli Bhatwari | Uttarakhand | 146.48 | 128.90 | 16.000 | 0.000 | 2136 |
| Shree Cement | Rajasthan | 132.70 | 116.78 | 0.000 | 20560.000 | 2728156 |
| Sewa II | Jammu and Kashmir | 158.22 | 139.23 | 80.000 | 3472.000 | 560504 |
| Singrauli | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 36.000 | 4764 |
| SINGRAULI SHEP | Uttar Pradesh | 136.37 | 120.01 | 4.000 | 0.000 | 260 |
| Salal | Jammu and Kashmir | 158.22 | 139.23 | 8.000 | 0.000 | 836 |
| HIMACHAL SORANG | Himachal pradesh | 153.82 | 135.37 | 0.000 | 0.000 | 0 |
| TANDA-II STPS | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| Tehri | Uttarakhand | 146.48 | 128.90 | 0.000 | 0.000 | 0 |
| Tanakpur | Uttarakhand | 146.48 | 128.90 | 0.000 | 0.000 | 80 |
| Unchahar I | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| Unchahar II | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| Unchahar III | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| Unchahar IV | Uttar Pradesh | 136.37 | 120.01 | 0.000 | 0.000 | 0 |
| URI HPS | Jammu and Kashmir | 158.22 | 139.23 | 0.000 | 0.000 | 0 |
| URI-II | Jammu and Kashmir | 158.22 | 139.23 | 0.000 | 244.000 | 38420 |
| **Total** | | | | | | **47858128** |

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

**GRID CONTROLLER OF INDIA LIMITED**
**(A Government of India Enterprise)**
**[Formerly Power System Operation Corporation Limited (POSOCO)]**
राष्ट्रीय भार प्रेषण केन्द्र/**National Load Despatch Centre**

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## Notification of Transmission charges payable by DICs for Billing Month of May, 2025

**No: TC/04/2025** **Date: 28.04.2025**

1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICs/ States, CTU as per the Regulations.
2. Central Electricity Regulatory Commission has notified three amendments to Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 which came into force with effect from 1.10.2023, 1.11.2023 and 26.10.2023 respectively.
3. As per Regulation 24(1), all entities whose transmission elements have declared COD during the billing period shall submit to the Implementing Agency, network data, date(s) of commercial operation of the new transmission element and Yearly Transmission Charge (YTC) of such transmission element in the format stipulated by the Implementing Agency, on or before the end of the billing period.
4. As per Regulation 24(2), Implementing Agency shall publish the peak block of the billing period on the first day of the month following the billing period. Accordingly, NLDC had identified **42nd time block (10:15 Hrs to 10:30 Hrs) on 11th March, 2025** as a peak block for the billing period of Mar'25 and published the information of peak block on Grid-India website. Details of the inputs from entities have been received as per the stipulated timelines is enclosed as **Annexure-I**.
5. Based on the inputs furnished by ISTS licensees, Monthly Transmission Charges (MTC) to be considered in the computations have been shared with all ISTS licensees/ deemed ISTS licensees for review and comments on 08.04.2025 with last date of submission of comments as 12.04.2025. Comments were received from North East Transmission Company Limited and Powerlinks Transmission Ltd.
6. Based on inputs furnished by DICs/ States, all India basic network has been prepared along with node wise generation and demand as per the peak block and was made available on Grid-India website on 15.04.2025 for review and comments by DICs/ States in line with the notified procedures latest by 18.04.2025.
7. In respect of the billing period of March 2025, total number of licensees were 97, with the total monthly charges amounting to Rs. 3899.47 Crores. The aggregate quantum of GNA and GNARE for the said period was 119,973 MW.
8. As per CERC order dated 20.04.2025 in Petition No. 131/MP/2024, CERC directed NLDC (Implementing Agency) to strictly adhere to the directions in the aforesaid order for all Change in Law claims pertaining to Electricity

(Timely Recovery of Costs due to Change in Law) Rules, 2021 forwarded to NLDC by the transmission licensees. Accordingly, NLDC incorporated the same in the computation for the billing period of March 2025.

9. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.

10. CERC had notified the CERC (Connectivity and General Network Access to the inter-State Transmission System) (First Amendment) Regulations, 2023 on 01.04.2023 w.e.f 05.04.2023. As per Annexure-II of the said Regulations, titled as "Methodology to determine 'Direct drawal' by a State from a regional entity generating station", CTU will provide the list of regional entity generating stations (connected to STU and ISTS or only STU) to NLDC within a week of coming into effect of these Regulations for computation of Direct drawal by the state.

    Accordingly, based on the inputs received from CTU, NLDC had computed GNAsh and GNAd and published the same on Grid-India website on 03.07.2023. Subsequently, CTUIL vide email dated 24.11.2023 has furnished revised list of eligible regional entity generating stations (connected to STU and ISTS or only STU) for computation of GNAsh and GNAd. Accordingly, NLDC has revised GNAsh and GNAd. Updated details of GNAsh and GNAd are uploaded on the Grid-India website.

    For computation of transmission charges of states, corresponding GNA has been reduced by quantum of GNAd of the state.

11. CERC vide notification dated 26.10.2023 has notified the CERC (Sharing of Inter-State Transmission Charges and Losses)(Third Amendment), Regulations 2023 w.e.f. 26th October,2023. Relevant part of the notification is as follows:

    *"(a) Regional Component of HVDC (RC-HVDC) comprising of 70% of Yearly Transmission Charges of HVDC transmission systems planned to supply power to the concerned region, except HVDC transmission systems covered under sub clauses (a), (b) and (c) of Clause (3) of Regulation 5:*

    *Provided that where an inter-regional HVDC transmission system planned to supply power to a particular region is operated to carry power in the reverse direction due to system requirements, the percentage of Yearly Transmission Charges of such transmission systems to be considered in the Regional component and the National component shall be calculated as follows:*

    *HVDCr (in %) = (MW capacity of power flow in the reverse direction / MW capacity of power flow in the forward direction) X100*

    *Where, HVDCr (in %) is more than 30%, the Yearly Transmission Charges corresponding to HVDCr shall be considered in the National component and the balance in the regional component.*

    *Where, HVDCr (in %) is equal to or less than 30%, 30% of Yearly Transmission Charges shall be considered in the National component and 70% in the Regional component:*
    *……"*

    Accordingly, Transmission charges for HVDC Raigarh-Pugalur has been computed based on the above methodology after considering 3000 MW capacity in the reverse direction and 6000MW capacity in the forward direction from date of coming into effect of CERC (Sharing of Inter-State Transmission Charges and Losses)(Third Amendment), Regulations 2023 which is 26.10.2023.

12. As per Annexure-III of CERC (Sharing of Inter-State Transmission Charges and Losses)(First Amendment), Regulations 2023, % waiver for transmission charges is to be computed based on the drawal schedule of drawee entities. Relevant part of the Regulations is as follows:

    *" (a) The transmission charges towards ISTS for each drawee DIC shall be computed in accordance with Regulations 5 to 8 of these regulations.*

    *(b) The waiver of transmission charges shall be calculated in the following manner: -*

*(i) Waiver of a drawee DIC other than a drawee DIC which has obtained "GNARE" shall be calculated based on the following formulae:*

$$\text{Waiver (\%)} = 100 \text{ X } \frac{\sum_{n=1}^{T} \frac{SDRG}{SDTG}}{T}$$

*Where, "SDRG" is the drawl schedule (in MW) through ISTS under GNA from the sources eligible for waiver under Regulation 13 of these regulations in nth block;*
*"SDTG" is the total drawl schedule (in MW) under GNA through ISTS from all sources in nth block; "n" is the nth time block*
*"T" is number of time blocks in a month = 96 X number of days in a month*

*Provided that in case the "SDTG" for a time block is less than 75% of the maximum schedule corresponding to GNA, the "SDTG" shall be taken as 75% of maximum schedule corresponding to GNA for a time block. (ii) Waiver of a drawee DIC which has obtained "GNARE" shall be calculated based on the following formulae:*

*Waiver (%) = 100 X (sum of SDRG for all time blocks in the month) / (total number of time blocks in the month X 0.3 X GNARE)*

*Where, "GNARE" is the GNA to procure power only from the sources eligible for waiver under Regulation 13 of these regulations; "SDRG" is the drawl schedule (in MW) in a time block through ISTS under GNARE from the sources eligible for waiver under Regulation 13 of these regulations;*

*Provided that maximum waiver shall be limited to 100%: Provided further that if such an entity draws power from any source other than the sources eligible for waiver under Regulation 13 (2) of these regulations, except after obtaining additional GNA or T-GNA or converting GNARE into GNA by making an application to CTU, it shall be charged @TDR of the State in which such an entity is located."*

In accordance with the above regulatory provisions, % waiver for drawee DICs has been computed considering the drawal schedule under GNA and GNA-RE.

13. Accordingly, the transmission charges are hereby notified for the billing month of May'25 mentioned as follows:

a) Various components of the transmission charges determined have been added for each DIC in order to compute total transmission charges payable by the DIC.

b) The transmission charges are computed separately for both GNA and T-GNA :

- For GNA billing in ₹: These charges are calculated only for Drawee DICs.
- For T-GNA billing in (Rs./MW/block) : These rates are calculated for all the states.

c) The notified transmission charges payable by DICs for the billing month of May'25 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of May'25 considering details of GNA enclosed along with this notification.

d) The notified waiver % of Drawee DICs for the billing month of May'25 are to be used by CTUIL for computation of waiver amount of drawee DICs.

e) Transmission charges shall be payable by the entities who are granted T-GNA or T-GNARE under Regulation 26.1 of the GNA Regulations.

f) The notified transmission charges for T-GNA bilateral transactions shall be applicable for the applications received on or after 00:00 Hrs of the next day (D+1) following the date of this notification (D). In the case of T-GNA collective transactions, both DAM and RTM, the notified transmission charges shall be applicable from the delivery day D+2 following the date of this notification.

g) The transmission charges payable by DICs for GNA are given at **Annexure-III**.

h) Waiver % of Drawee DICs are attached as **Annexure-IV**

i) Applicable T-GNA rates are attached as **Annexure-V**.

j) Details of GNA and GNA-RE is given at **Annexure-VI**.

k) ISTS licensee wise break up of Monthly Transmission Charges (MTC) is given at **Annexure-VII**.

l) Entity-wise details of bilateral billing are given separately at **Annexure-VIII**.

m) Details of Transmission Charges to be paid to Transmission Licensees as per Regulation 13(12) is given at **Annexure-IX.**

n) Details of GNAsh and GNAd is given at **Annexure-X.**

o) Details of commercial data of RE transmission network to be considered for NC-RE component as furnished by CTU is given at **Annexure-XI.**

(देबज्योति मजूमदार)
मुख्य प्रबंधक / रा. भा. प्रे. के.

**Annexure-I**

## Input Data furnished by DICs/ ISTS Licensees/ CTU

1. As per Regulation 24(1) of Sharing Regulations 2020, some of the ISTS Licensees have submitted YTC data by 31.03.2025. Powergrid submitted its revised YTC on 01.04.2025. AMNS Power Transmission Company Limited has submitted its YTC on 01.04.2025. Torrent Power Grid Ltd., Darbhanga-Motihari Transmission Co. Ltd., NRSS XXXI (B) Transmission Ltd., Kudgi Transmission Ltd. and Kohima Mariani Transmission Limited have submitted its YTC on 02.04.2025. Power Transmission Corporation of Uttarakhand Ltd. has submitted its YTC on 04.04.2025. Goa Tamnar Transmission Projects Limited has submitted its revised YTC on 07.04.2025. Powerlinks Transmission Ltd. has submitted its YTC on 10.04.2025. Powergrid Raipur pool Dhamtari Transmission Ltd. has submitted its YTC on 18.04.2025. Further, Goa Tamnar Transmission Projects Limited, Mumbai Urja Marg Limited and Lakadia Vadodara Transmission Company Limited have submitted its revised YTC on 25.04.2025.

2. The list of ISTS licensees that have submitted YTC data is mentioned as below.

**List of ISTS Licensees submitted the YTC data for the billing period Mar'25**

| Sl. No. | Name of ISTS Licensee |
|---|---|
| 1 | Powergrid Corporation Of India Ltd |
| 2 | Adani Transmission (India) Limited |
| 3 | Chhattisgarh-WR Transmission Limited. |
| 4 | Raipur Rajnandgaon-WR Transmission Limited. |
| 5 | Sipat Transmission Limited. |
| 6 | Western Transmission Gujarat Limited |
| 7 | Western Transco Power Limited |
| 8 | Alipurduar Transmission Limited |
| 9 | Fatehgarh-Bhadla Transmission Ltd. |
| 10 | North Karanpura Transco Limited |
| 11 | Bikaner-Khetri Transmission Limited |
| 12 | Jam Khambaliya Transco Limited |
| 13 | Lakadia-Banaskantha Transmission Limited |
| 14 | WRSS XXI (A) Transco Limited |
| 15 | Karur Transmission Limited |

| Sl. No. | Name of ISTS Licensee |
|---|---|
| 16 | Khavda-Bhuj Transmission Limited |
| 17 | Essar Power Transmission Company Limited |
| 18 | Essar Transco Limited |
| 19 | Jindal Power Limited |
| 20 | Kudgi Transmission Limited |
| 21 | Parbati Koldam Transmission Company Limited |
| 22 | Bhopal Dhule Transmission Company Ltd. |
| 23 | East North Interconnection Company Limited |
| 24 | Gurgaon Palwal Transmission Limited |
| 25 | Jabalpur Transmission Company Limited |
| 26 | Maheshwaram Transmission Limited |
| 27 | Khargone Transmission Company Ltd. |
| 28 | Goa Tamnar Transmission Projects Limited |
| 29 | Mumbai Urja Marg Limited |
| 30 | Lakadia Vadodara Transmission Company Limited |
| 31 | Nangalbibra Bongaigaon Transmission Limited |
| 32 | NRSS-XXIX Transmission Limited |
| 33 | Odisha Generation Phase-II Transmission Limited |
| 34 | Patran Transmission Company Limited |
| 35 | Purulia & Kharagpur Transmission Company Limited |
| 36 | Rapp Transmission Company Limited |
| 37 | NER-II Transmission Limited |
| 38 | Kallam Transmission Limited |
| 39 | Torrent Power Grid Limited |
| 40 | Darbhanga-Motihari Transmission Company Limited |
| 41 | NRSS XXXI (B) Transmission Limited |

| Sl. No. | Name of ISTS Licensee |
|---|---|
| 42 | Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited) |
| 43 | Kohima Mariani Transmission Limited |
| 44 | Raichur Sholapur Transmission Company Private Limited |
| 45 | Koppal-Narendra Transmission Limited |
| 46 | Powerlinks Transmission Limited |
| 47 | NRSS XXXVI Transmission Limited |
| 48 | Warora-Kurnool Transmission Limited |
| 49 | Rajgarh Transmission Limited |
| 50 | Gadag Transmission Limited |
| 51 | Powergrid Vizag Transmission Limited |
| 52 | Powergrid NM Transmission Limited |
| 53 | Powergrid Unchahar Transmission Limited |
| 54 | Powergrid Parli Transmission Limited |
| 55 | Powergrid Kala Amb Transmission Limited |
| 56 | Powergrid Southern Interconnector Transmission System Limited |
| 57 | Powergrid Jabalpur Transmission Limited |
| 58 | Powergrid Warora Transmission Limited |
| 59 | Powergrid Medinipur Jeerat Transmission Limited |
| 60 | Powergrid Mithilanchal Transmission Limited |
| 61 | Powergrid Ajmer Phagi Transmission Limited |
| 62 | Powergrid Varanasi Transmissoin System Limited |
| 63 | Powergrid Fatehgarh Transmission Limited |
| 64 | Powergrid Khetri Transmission System Ltd. |
| 65 | Powergrid Bhuj Transmission Limited |
| 66 | Powergrid Bikaner Transmission System Limited |

| Sl. No. | Name of ISTS Licensee |
|---|---|
| 67 | Powergrid Ramgarh Transmission Limited |
| 68 | Powergrid Neemuch Transmission System Limited |
| 69 | Powergrid Bhadla Transmission Limited |
| 70 | Powergrid Aligarh Sikar Transmission Limited |
| 71 | Powergrid Sikar Transmission Limited |
| 72 | Powergrid ER NER Transmission Limited |
| 73 | North East Transmission Company Limited |
| 74 | Transmission Corporation Of Andhra Pradesh (APTRANSCO) |
| 75 | Power Transmission Corporation Of Uttarakhand Ltd. |
| 76 | Haryana Vidyut Prasaran Nigam Limited |
| 77 | Powergrid Raipur pool Dhamtari Transmission Ltd. |

1. As per Sharing Regulations 2020 and NLDC notified Procedure for collection of data and information, CTU shall submit all required data and information as stipulated in Formats II(A) to II(H) within 10 days after the end of the billing period i.e. by 10.04.2025. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 01.04.2025. CTU has submitted data in formats II(C), II(D), II-(G1) to II-(G4), II(H) and II(I) on 17.04.2025. Subsequently, CTU has submitted revised data in format II-(G1) on 22.04.2025. CTU has submitted data in formats II(A), II(B), II(E) and II(F) on 22.04.2025. Further, CTU has submitted revised data in formats II(D) and II-(G1) on 23.04.2025. Subsequently, CTU has submitted revised data in formats II(A) and II(B) on 24.04.2025. Further, CTU has submitted revised data in formats II(A), II(B) and II(E) on 26.04.2025.

2. As per Regulation 24(4) and NLDC notified Procedure for collection of data and information, DICs shall submit the required information to the Implementing Agency as stipulated in Formats III and IV for the billing period within 7 days after end of the billing period. The list of the DICs that have submitted the data by 07.04.2025 is as mentioned below:

| S.NO. | WR | SR | NR | NER | ER |
|---|---|---|---|---|---|
| 1 | Chattisgarh | Andhra Pradesh | Uttar Pradesh | Assam | Odisha |
| 2 | Gujarat | Telangana | Haryana | Manipur | |
| 3 | MP | Karnataka | Himachal Pradesh | Meghalaya | |
| 4 | Maharashtra | Kerala | Delhi | Mizoram | |

| S.NO. | WR | SR | NR | NER | ER |
|---|---|---|---|---|---|
| 5 | Goa | Tamil Nadu | Rajasthan | Nagaland | |
| 6 | D&D and DNH | PVG Azure Earth | Punjab | Tripura | |
| 7 | Hazira | Yarrow Infra Structure Private Ltd. (Pavagada Solar Park) | Jammu & Kashmir | | |
| 8 | RIL Jamnagar | PVG AMPLUS Tumkur and PVG AMPLUS Pavagada | ReNew Solar Power Private Limited | | |
| 9 | BALCO | PVG Fortum Finsurya. | | | |
| 10 | DB Power Ltd. | ANP_AZURE | | | |
| 11 | DGEN | Athena Galiveedu | | | |
| 12 | Dhariwal | | | | |
| 13 | GMR Warora (EMCO) | | | | |
| 14 | Raipur Energen | | | | |
| 15 | Jhabua Power | | | | |
| 16 | JP Nigrie | | | | |
| 17 | KAPS 1&2 | | | | |
| 18 | KAPS 3&4 | | | | |
| 19 | Raigarh Energy | | | | |
| 20 | KSK Mahanadi | | | | |
| 21 | LANCO | | | | |
| 22 | MB Power | | | | |
| 23 | Essar Mahan | | | | |
| 24 | NSPCL Bhilai | | | | |
| 25 | RKM Power | | | | |
| 26 | Sasan UMPP | | | | |

| S.NO. | WR | SR | NR | NER | ER |
|---|---|---|---|---|---|
| 27 | SKS Power | | | | |
| 28 | SSP | | | | |
| 29 | TAPS (3,4) | | | | |
| 30 | TAPS (1,2) | | | | |
| 31 | Naranpar Ostro | | | | |
| 32 | ACME RUMS | | | | |
| 33 | ARINSUM | | | | |
| 34 | Bhuvad Renew | | | | |
| 35 | Vadwa Green Infra | | | | |
| 36 | Roha Green infra | | | | |
| 37 | Dayapar Inox(wind) | | | | |
| 38 | Ratadiya AGEMPL | | | | |
| 39 | Alfanar wind | | | | |
| 40 | Renew AP2 Gadhsisa | | | | |
| 41 | Avikiran | | | | |
| 42 | Powerica | | | | |
| 43 | SESPL Morjar | | | | |
| 44 | SKRPL | | | | |
| 45 | SBESS | | | | |
| 46 | Netra Wind | | | | |
| 47 | AWEK4L | | | | |
| 48 | Apraava | | | | |
| 49 | SRSSFPL | | | | |
| 50 | Torrent Sidhpur | | | | |
| 51 | Agar U-4: Avaada(LADWAN) | | | | |
| 52 | AGEL PSS-3 | | | | |

| S.NO. | WR | SR | NR | NER | ER |
|---|---|---|---|---|---|
| 53 | Beempow(UMARIA) | | | | |
| 54 | TP Saurya Unit-2 | | | | |
| 55 | NTPC REL Dehripal | | | | |

**Annexure-II**

# Methodology of the computations and assumptions followed in the basic network

## a) Modeling of the Basic Network

A. The All India network was modeled with the help of network data and node wise generation and demand data furnished by DICs. Wherever network data has not been provided by DICs, network data already available at RLDCs/NLDC has been considered. Wherever technical parameters were not furnished, standard parameters as per CEA Manual on Transmission Planning Criteria have been used.

B. Certain Transmission Lines included in the basic network were partly owned by ISTS Licensee and partly by STUs. There were cases where the existing lines originally owned by one utility have been made LILO by other utility. In cases where the line originally owned by ISTS Licensee has been made LILO by STU, the Monthly Transmission Charge for the entire line has been considered (including the section owned by STU). In cases where the line originally owned by STU has been made LILO by ISTS Licensee, the Monthly Transmission Charge for the entire line has not been considered.

C. All India basic network up to 66/ 33 kV level and at some nodes even till 0.4 kV level has been prepared. As per the Sharing Regulations 2020, basic network means power system at voltage levels of 110 kV and above, containing all power system elements including generating station and transmission systems.

D. In line with Sharing Regulations 2020, all India basic network has been truncated to 110 kV level. Power flow into lower voltage system has been considered as load at the substation at truncated point. Power flow from a lower voltage system has been considered as generation at the substation at truncated point.

E. To account for the transmission losses of the truncated lower voltage network and to ensure state drawal as per SEM data corresponding to peak block, minor adjustments in states generation has been done.

F. Interstate generating Stations (ISGS) connected at 220kV and below voltage level are created as separate control areas.

G. 400 kV Singrauli considered as slack bus.

## b) Load Generation balance for the basic network

A. Node wise generation and demand data for the peak block as submitted by DICs has been considered to prepare Load Generation balance.

B. Wherever aggregate generation and demand data submitted by DICs, the generation and demand data has been distributed across the nodes of the DICs as per the node wise distribution of the TTC/ATC base case applicable for Mar'25.

C. Wherever node wise generation and demand data has not been provided by DICs, SEM data/ SCADA data available with NLDC/RLDCs has been considered. In the absence of SEM/ SCADA data, the node wise generation and demand data as available from TTC/ ATC base case / recently submitted base case of states has been considered.

## c) Commercial Data considered in the computations

A. The data as submitted by the ISTS Licensees has been examined by NLDC and suitably considered for computation of transmission charges for DICs for the billing period Mar'25. For the ISTS licensees who have not submitted YTC data for Mar'25, the YTC data recently available with reference to the previous computations have been considered.

B. All ISTS transmission assets commissioned by the end of Mar'25 as furnished by ISTS licensees have been considered in the computations.

C. Yearly Transmission Charges (YTC) based on approved/ adopted tariff by CERC has only been considered in line with Sharing Regulations 2020. RPC certified non-ISTS lines as ISTS lines have not been considered in the computations.

D. The assets of State Utilities whose approved Tariff by the Commission is not available as on 31.03.2019 are not being considered in the computations since 2019-20 Q3 in line with Terms & Conditions of Tariff Regulations. The same is continued in this computation.

E. As per minutes of Validation Committee meeting held for 2020-21 Q2 PoC computations, for the assets of Essar Power transmission limited, combined tariff of LILO of 400kV Vindhyachal-Korba at Mahan, GIS S/s at Hazira and 400kV Hazira-Gandhar line) was being excluded from PoC computations in the absence of exclusive tariff of LILO of 400kV Vindhyachal-Korba at Mahan since 2020-21 Q2. As per CERC Order dated 04.06.2021 in I.A. No. 32/2021 in Petition No. 92/MP/2021, exclusive tariff of 400kV Hazira-Gandhar Line and GIS S/s at Hazira has been approved and same has been considered for billing period Mar'25.

F. As per Regulation (13) clauses (3), (6), (9), the YTC of assets claimed by licensees have been examined to find out whether the YTC to be completely or partly billed to generators. Accordingly, transmission charges have been computed for DICs in line with the Regulations.

G. All ISTS assets corresponding to the bilateral payments on the basis of information furnished by ISTS licensees and the worked out bilateral payments in line with Regulation (13) have been considered while preparing final transmission charges for DICs.

H. The components of Yearly Transmission Charges such as National Component for RE (NC-RE), National Component for HVDC (NC-HVDC), Regional Component (RC) and Transformers Component (TC) have been worked out on the basis of the inputs furnished by CTU.

I. Indicative cost level of different conductor configuration was provided by CTU and is as follows:

| Sl. No. | Voltage level (kV) | Type of conductor configuration | Indicative cost (Rs.Lakh/km) |
|---|---|---|---|
| 1 | ± 800 | HVDC | 357 |
| 2 | ± 500 | HVDC | 176 |
| 3 | 765 | D/C | 502 |
| 4 | 765 | S/C | 228 |
| 5 | 400 | S/C | 96 |
| 6 | 400 | M/C TWIN | 449 |
| 7 | 400 | D/C Quad Moose | 288 |
| 8 | 400 | D/C Twin HTLS | 225 |
| 9 | 400 | D/C Twin Moose | 168 |
| 10 | 400 | M/C QUAD | 851 |
| 11 | 400 | D/C TRIPLE | 235 |
| 12 | 400 | S/C QUAD | 159 |
| 13 | 220 | D/C | 71 |

| Sl. No. | Voltage level (kV) | Type of conductor configuration | Indicative cost (Rs.Lakh/km) |
|---|---|---|---|
| 14 | 220 | S/C | 53 |
| 15 | 220 | M/C TWIN | 321 |
| 16 | 132 | D/C | 48 |
| 17 | 132 | S/C | 28 |
| 18 | 132 | M/C TWIN | 226 |

J. The indicative cost levels provided by CTU are for only selected configurations and voltage level. Hence, for the conductor configurations which are not mentioned in the above list, following assumptions have been made:

   a. The indicative cost level of 765 kV lines (Quad Bersimis) charged at 400 kV has been considered to be same as cost of one circuit of 400 kV Quad Moose D/C.
   b. The indicative cost level of 400 kV Quad Bersimis D/C has been considered to be same as 400 kV Quad Moose D/C.
   c. The indicative cost level of 765 kV Hexa zebra has been considered to be same as 765 kV Quad Bersimis.
   d. The indicative cost levels of 400 kV ACKC, ACAR, AAAC, Moose, Zebra and Lapwing have been considered to be same as 400 kV Twin Moose depending on the no. of circuits.
   e. 400 kV lines (Twin Moose) charged at 220 kV are charged as per the rate of 220 kV D/C lines.

K. Circuit Kms of RE lines considered as National component has been considered as zero.

L. Circuit Kms of the assets covered under Regulation (13) clauses (3), (6), (9), have been pro-rata adjusted with respect to YTC considered for bilateral payment wherever YTC are to be partly included in the computations.

**d) Computation of Usage part of AC system charges**

A. The usage part of AC system charges has been computed by running AC load flow and determining the utilization of the lines with respect to SIL of the lines. For SIL of lines at various voltage levels, annexure-II to Regulations has been followed.

B. AC Usage Base Charges (AC-UBC) thus determined has been used for apportionment through hybrid method and computed total aggregated nodal charges in ₹ for each drawee DIC.

**Annexure-III**

# Transmission Charges for Designated ISTS Customers (DICs) for the billing month of May,2025

| S.No. | Zone | Region | GNA+GNARE (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ (without waiver) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 1 | Delhi | NR | 4,810 | 172,017,837 | 703,152,646 | 141,127,220 | 116,976,532 | 218,886,425 | 56,312,302 | | 1,408,472,962 |
| 2 | UP | NR | 10,058 | 660,187,746 | 1,470,261,485 | 295,090,855 | 244,592,820 | 457,681,959 | 137,566,267 | | 3,265,381,132 |
| 3 | Punjab | NR | 5,529 | 516,683,483 | 808,260,079 | 162,222,952 | 134,462,213 | 251,605,623 | 105,297,193 | | 1,978,531,543 |
| 4 | Haryana | NR | 5,143 | 350,100,408 | 751,832,445 | 150,897,566 | 125,074,907 | 234,040,101 | 215,165,265 | | 1,827,110,692 |
| 5 | Chandigarh | NR | 342 | 15,877,037 | 49,995,469 | 10,034,409 | 8,317,250 | 15,563,234 | 25,042,439 | | 124,829,839 |
| 6 | Rajasthan | NR | 5,746 | 316,582,475 | 839,982,351 | 168,589,814 | 139,739,532 | 261,480,540 | 88,957,501 | | 1,815,332,212 |
| 7 | HP | NR | 1,181 | 106,039,341 | 172,572,079 | 34,636,317 | 28,709,105 | 53,720,463 | 36,650,325 | | 432,327,629 |
| 8 | J&K | NR | 1,977 | 199,624,356 | 289,008,894 | 58,005,928 | 48,079,543 | 89,966,416 | 60,035,926 | | 744,721,064 |
| 9 | Uttarakhand | NR | 1,416 | 115,182,276 | 206,976,855 | 41,541,575 | 34,432,687 | 64,430,425 | 31,191,587 | | 493,755,405 |
| 10 | Railways-NR-ISTS-UP | NR | 130 | 6,416,519 | 19,004,126 | 3,814,249 | 3,161,528 | 5,915,849 | | | 38,312,270 |
| 11 | PG-HVDC-NR | NR | 8 | 329,898 | 1,169,485 | 234,723 | 194,556 | 364,052 | | | 2,292,713 |
| 12 | Northern Railways | NR | | | | | | | 2,565,284 | | 2,565,284 |
| 13 | North Central Railways | NR | | | | | | | 2,082,280 | | 2,082,280 |
| 14 | RAPP 7&8, NPCIL | NR | | | | | | | | 32,598,581 | 32,598,581 |
| 15 | Adani Renewable Energy Park Rajasthan Limited | NR | | | | | | | | 17,096 | 17,096 |
| 16 | THDC India Ltd. | NR | | | | | | | | 43,172,638 | 43,172,638 |
| 17 | Adani Renewable Energy Holding Seventeen Pvt. Ltd. | NR | | | | | | | | 12,009,553 | 12,009,553 |

| S.No. | Zone | Region | GNA+GNARE (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ (without waiver) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 18 | Gujarat | WR | 12,623 | 648,803,134 | 1,845,325,445 | 370,368,584 | 306,988,491 | 141,876,572 | 87,481,870 | 0 | 3,400,844,095 |
| 19 | Madhya Pradesh | WR | 10,587 | 657,018,993 | 1,547,690,140 | 310,631,280 | 257,473,858 | 118,993,087 | 144,027,807 | | 3,035,835,163 |
| 20 | Maharashtra | WR | 9,410 | 1,339,333,516 | 1,375,574,160 | 276,086,505 | 228,840,629 | 105,760,069 | 74,659,884 | | 3,400,254,763 |
| 21 | Chhattisgarh | WR | 3,276 | 119,597,714 | 478,903,965 | 96,119,080 | 79,670,503 | 36,820,200 | 19,090,199 | | 830,201,660 |
| 22 | Goa | WR | 673 | 53,075,181 | 98,382,896 | 19,746,075 | 16,366,987 | 7,564,101 | 26,392,112 | | 221,527,351 |
| 23 | DNHDDPDCL | WR | 1,206 | 121,278,442 | 176,299,811 | 35,384,496 | 29,329,251 | 13,554,689 | 58,139,056 | | 433,985,746 |
| 24 | ArcelorMittal Nippon Steel India Ltd (formerly Essar Steel) | WR | 563 | 33,329,391 | 82,302,482 | 16,518,633 | 13,691,848 | 6,327,769 | 8,805,858 | | 160,975,982 |
| 25 | PG-HVDC-WR | WR | 5 | 59,665 | 730,928 | 146,702 | 121,597 | 56,197 | | | 1,115,089 |
| 26 | BARC | WR | 5 | 350,951 | 730,928 | 146,702 | 121,597 | 56,197 | | | 1,406,374 |
| 27 | Reliance Industries Ltd. | WR | 500 | 1,862,160 | 73,092,791 | 14,670,189 | 12,159,723 | 5,619,689 | | | 107,404,551 |
| 28 | Hindustan Zinc Limited | WR | 8 | 0 | 1,178,916 | 236,616 | 196,125 | 90,640 | | | 1,702,297 |
| 29 | Adani Power Limited | WR | | | | | | | | 261,939,401 | 261,939,401 |
| 30 | Mahan Energen Limited (formerly Essar Power M.P. Ltd) | WR | | | | | | | | 50,578,071 | 50,578,071 |
| 31 | Netra Wind Private Limited | WR | | | | | | | | 80,246 | 80,246 |
| 32 | Andhra Pradesh | SR | 4,207 | 343,980,657 | 615,002,741 | 123,434,972 | 102,311,906 | 208,013,584 | 38,420,420 | | 1,431,164,279 |
| 33 | Telangana | SR | 5,801 | 410,707,829 | 848,022,557 | 170,203,535 | 141,077,102 | 286,828,333 | 31,599,730 | | 1,888,439,086 |
| 34 | Tamil Nadu | SR | 8,765 | 732,341,339 | 1,281,316,621 | 257,168,416 | 213,159,937 | 433,382,234 | 85,733,155 | | 3,003,101,703 |
| 35 | Kerala | SR | 2,679 | 296,838,716 | 391,631,172 | 78,602,874 | 65,151,794 | 132,462,180 | 73,759,194 | | 1,038,445,930 |

| S.No. | Zone | Region | GNA+GNARE (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ (without waiver) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 36 | Karnataka | SR | 5,475 | 613,341,764 | 800,358,749 | 160,637,105 | 133,147,747 | 270,706,910 | 118,138,715 | | 2,096,330,988 |
| 37 | Pondicherry | SR | 540 | 14,605,517 | 78,940,214 | 15,843,804 | 13,132,500 | 26,700,103 | 11,722,407 | | 160,944,547 |
| 38 | PG-HVDC-SR | SR | 6 | 593,772 | 899,041 | 180,443 | 149,565 | 304,085 | | | 2,126,906 |
| 39 | BHAVINI | SR | | | | | | | | 15,737,723 | 15,737,723 |
| 40 | Betam | SR | | | | | | | | 169,917 | 169,917 |
| 41 | JSW Renew Energy Ltd. | SR | | | | | | | | 6,801,706 | 6,801,706 |
| 42 | ReNew Solar Power Pvt Ltd. | SR | | | | | | | | 13,273,281 | 13,273,281 |
| 43 | West Bengal | ER | 3,540 | 196,720,065 | 517,496,958 | 103,864,939 | 86,090,836 | 78,170,726 | 55,148,362 | | 1,037,491,887 |
| 44 | Odisha | ER | 2,166 | 185,245,495 | 316,637,969 | 63,551,260 | 52,675,918 | 47,829,885 | 60,349,079 | | 726,289,606 |
| 45 | Bihar | ER | 4,847 | 163,897,591 | 708,561,513 | 142,212,814 | 117,876,351 | 107,032,065 | 177,022,758 | | 1,416,603,092 |
| 46 | Jharkhand | ER | 1,590 | 50,497,665 | 232,435,074 | 46,651,202 | 38,667,918 | 35,110,580 | 59,575,921 | | 462,938,361 |
| 47 | Sikkim | ER | 111 | 8,388,379 | 16,226,600 | 3,256,782 | 2,699,458 | 2,451,116 | 2,429,587 | | 35,451,922 |
| 48 | DVC | ER | 956 | 43,044,358 | 139,753,416 | 28,049,402 | 23,249,390 | 21,110,513 | 10,393,792 | | 265,600,869 |
| 49 | Bangladesh | ER | 982 | 25,769,808 | 143,554,241 | 28,812,252 | 23,881,695 | 21,684,648 | | | 243,702,643 |
| 50 | Railways-ER-ISTS-Bihar | ER | 20 | 83,241 | 2,923,712 | 586,808 | 486,389 | 441,643 | | | 4,521,791 |
| 51 | PG-HVDC-ER | ER | 2 | 84,425 | 292,371 | 58,681 | 48,639 | 44,164 | | | 528,280 |
| 52 | India Power Corporation Limited (IPCL) | ER | 100 | 0 | 14,618,558 | 2,934,038 | 2,431,945 | 2,208,213 | 1,998,442 | | 24,191,195 |
| 53 | NTPC, North Karanpura STPP, Jharkhand | ER | | | | | | | | 4,351,348 | 4,351,348 |
| 54 | Arunachal Pradesh | NER | 208 | 14,039,912 | 30,406,601 | 6,102,799 | 5,058,445 | 6,879,166 | 10,980,972 | | 73,467,895 |

| S.No. | Zone | Region | GNA+GNARE (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ (without waiver) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 55 | Assam | NER | 1,767 | 74,366,878 | 258,309,922 | 51,844,449 | 42,972,460 | 58,439,839 | 21,773,413 | | 507,706,961 |
| 56 | Manipur | NER | 177 | 14,274,274 | 25,874,848 | 5,193,247 | 4,304,542 | 5,853,906 | 3,060,760 | | 58,561,576 |
| 57 | Meghalaya | NER | 238 | 26,699,738 | 34,792,168 | 6,983,010 | 5,788,028 | 7,871,354 | 6,444,450 | | 88,578,748 |
| 58 | Mizoram | NER | 150 | 6,050,562 | 21,927,837 | 4,401,057 | 3,647,917 | 4,960,937 | 984,361 | | 41,972,672 |
| 59 | Nagaland | NER | 139 | 11,015,169 | 20,319,796 | 4,078,313 | 3,380,403 | 4,597,135 | 20,558,634 | | 63,949,450 |
| 60 | Tripura | NER | 311 | 6,043,351 | 45,463,716 | 9,124,858 | 7,563,347 | 10,285,676 | 20,803,153 | | 99,284,101 |
| 61 | PG-HVDC-NER | NER | 1 | 84,894 | 175,423 | 35,208 | 29,183 | 39,687 | | | 364,396 |
| | **TOTAL** | | **119,973** | **8,672,465,921** | **17,538,370,192** | **3,520,062,735** | **2,917,684,694** | **3,863,782,980** | **1,990,360,462** | **440,729,561** | **38,943,456,546** |

## Transmission Charges to be paid by DICs under Regulation 13(7) for the billing month of May,2025

*Where Connectivity is granted to a generating station on existing margins and COD of the generating station or unit(s) thereof is delayed*

| Sl. No. | Name of Generating Station | Region | Pooling Station | Connectivity Granted by CTU (MW) | Commissioned Connectivity Capacity (MW) | Date of Commercial Operation | Details of effectiveness of connectivity / GNA | Delayed Connectivity Capacity (MW) | Transmission Charges (₹) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ReNew Power Limited | WR | Bhachau S/s | 300 | 230.1 | 126MW:18.05.19<br>58.5MW: 01.10.19<br>27.6MW: 02.09.20<br>18MW: 07.02.2021 | 300MW: 01.05.19 | 69.9 | 209,700 | |
| 2 | ReNew Power Limited | WR | Bhachau S/s | 50 | 0 | Yet to be commissioned | 50MW: 23.11.19 | 50 | 150,000 | |
| 3 | NTPC Ltd. (Rihand Solar) | NR | Intra-State | 20 | 0 | - | 20MW: 20.10.2022 | 20 | 60,000 | |
| 4 | NTPC Limited | WR | Bhuj PS | 150 | 50 | 50 MW: 04.11.2023 | 28.02.2024 | 100 | 300,000 | |
| 5 | Adani Renewable Energy Holding Four Limited | WR | KPS-1 | 1000 | 0 | Yet to be commissioned | 25.02.2024 | 1000 | 3,000,000 | |
| 6 | Rewa Ultra Mega Solar Power Limited (Agar & Shajapur Park) | WR | Pachora PS | 1000 | 735.65 | 200MW: COD 11.04.2024<br>350MW: COD 15.04.2024<br>50MW: COD 30.09.2024<br>55MW: COD 29.11.2024<br>50MW: COD 10.01.2025<br>50MW: COD 13.03.2025 | 12.04.2024 | 264.35 | 793,065 | |
| 7 | THDC India Ltd. (Khurja STPP) | NR | Aligarh S/s | 465.6 | 0 | Yet to be commissioned | 30.04.2023 | 465.6 | 1,396,800 | |

| Sl. No. | Name of Generating Station | Region | Pooling Station | Connectivity Granted by CTU (MW) | Commissioned Connectivity Capacity (MW) | Date of Commercial Operation | Details of effectiveness of connectivity / GNA | Delayed Connectivity Capacity (MW) | Transmission Charges (₹) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 8 | Rewa Ultra Mega Solar Power Limited (Neemuch Solar Park) | WR | Neemuch PS | 500 | 330 | 160MW: COD 06.11.2024 (U1)<br>170MW: COD 26.11.2024 (U2) | 06.05.2024 | 170 | 510,000 | |
| 9 | NTPC Renewable Energy Ltd. | WR | Bhuj-II PS | 300 | 0 | Yet to be commissioned | 07.06.2024 | 300 | 900,000 | |
| 10 | ReNew Green Energy Solutions Pvt. Ltd. | WR | Solapur PG | 100 | 0 | Yet to be commissioned | 30.06.2024 | 100 | 300,000 | |
| 11 | ReNew Green Energy Solutions Pvt. Ltd | WR | Solapur PG | 76 | 0 | Yet to be commissioned | 30.06.2024 | 76 | 228,000 | |
| 12 | Renew Green Energy Solutions Pvt. Ltd | WR | Solapur PG | 48 | 0 | Yet to be commissioned | 30.06.2024 | 48 | 144,000 | |
| 13 | NTPC Limited (Barh-I) | ER | At generation switchyard | 1320 | 660 | Unit-2: 01-08-2023<br>Unit-3: Yet to be commissioned | 30.06.2024 | 660 | 1,980,000 | |
| 14 | Jalpower Corporation Limited | ER | New Melli | 120 | 0 | Yet to be commissioned | 01.07.2024 | 120 | 360,000 | |
| 15 | Renew Solar Power Pvt. Ltd. (RSPPL) | WR | Kallam PS | 300 | 0 | Yet to be commissioned | 10.08.2024 | 300 | 900,000 | |

| Sl. No. | Name of Generating Station | Region | Pooling Station | Connectivity Granted by CTU (MW) | Commissioned Connectivity Capacity (MW) | Date of Commercial Operation | Details of effectiveness of connectivity / GNA | Delayed Connectivity Capacity (MW) | Transmission Charges (₹) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | Anupavan Renewables Pvt. Ltd. | WR | Kallam PS | 148.8 | 0 | Yet to be commissioned | 10.08.2024 | 148.75 | 446,250 | |
| 17 | Viento Renewables Pvt. Ltd. (VRPL) | WR | Kallam PS | 150 | 0 | Yet to be commissioned | 10.08.2024 | 150 | 450,000 | |
| 18 | ReNew Green (MHP One) Pvt. Ltd. | WR | Kallam PS | 117 | 0 | Yet to be commissioned | 10.08.2024 | 117 | 351,000 | |
| 19 | JSW Energy (Utkal) Limited (Formerly Ind Barath Energy (Utkal) Limited (IBEUL)) | ER | Sundargarh | 350 | 0 | Yet to be commissioned | 27.09.2024 | 350 | 1,050,000 | |
| 20 | Shree Cement Limited | NR | Shree Cement Generation Switchyard | 44 | 0 | Yet to be connected to ISTS | 30.09.2024 | 44 | 132,000 | |
| 21 | Sertentica Renewables India 4 Pvt. Ltd | WR | Kallam PS | 200 | 0 | Yet to be commissioned | 31.12.2024 | 200 | 600,000 | |
| 22 | Ayana Renewables Power Four Pvt. Ltd | WR | Bhuj PS | 150 | 0 | Yet to be commissioned | 31.12.2024 | 150 | 450,000 | |

| Sl. No. | Name of Generating Station | Region | Pooling Station | Connectivity Granted by CTU (MW) | Commissioned Connectivity Capacity (MW) | Date of Commercial Operation | Details of effectiveness of connectivity / GNA | Delayed Connectivity Capacity (MW) | Transmission Charges (₹) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 23 | Renew Green Energy Solutions Pvt. Ltd. | WR | Solapur PG | 32 | 0 | Yet to be commissioned | 31.03.2025 | 32 | 3,097 | As effectiveness of Connectivity for 32MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |
| 24 | Renew Green Energy Solutions Pvt. Ltd. | WR | Solapur PG | 50 | 0 | Yet to be commissioned | 31.03.2025 | 50 | 4,839 | As effectiveness of Connectivity for 50MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |
| 25 | Renew Green Energy Solutions Pvt. Ltd. | WR | Solapur PG | 70 | 0 | Yet to be commissioned | 31.03.2025 | 70 | 6,774 | As effectiveness of Connectivity for 70MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |
| 26 | Renew Green Energy Solutions Pvt. Ltd. | WR | Solapur PG | 100 | 0 | Yet to be commissioned | 31.03.2025 | 100 | 9,677 | As effectiveness of Connectivity for 100MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |
| 27 | Sprng Vayu Vidyut Pvt Ltd. | WR | Rajgarh | 50.4 | 0 | Yet to be commissioned | 31.03.2025 | 50.4 | 4,877 | As effectiveness of Connectivity for 50.4MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |

| Sl. No. | Name of Generating Station | Region | Pooling Station | Connectivity Granted by CTU (MW) | Commissioned Connectivity Capacity (MW) | Date of Commercial Operation | Details of effectiveness of connectivity / GNA | Delayed Connectivity Capacity (MW) | Transmission Charges (₹) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 28 | Serentica Renewables India Private Limited | WR | Solapur PG | 300 | 0 | Yet to be commissioned | 31.03.2025 | 300 | 29,032 | As effectiveness of Connectivity for 300MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |
| 29 | Renew Green Energy Solutions Private Limited | WR | Solapur PG | 51 | 0 | Yet to be commissioned | 31.03.2025 | 51 | 4,935 | As effectiveness of Connectivity for 51MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |
| 30 | NTPC Renewable Energy Limited | WR | Bhuj-II PS | 200 | 0 | Yet to be commissioned | 29.03.2025 | 200 | 58,065 | As effectiveness of Connectivity for 200MW w.e.f. 29.03.2025. So, equivalent charges calculated for 03 days. |
| 31 | Serentica Renewables India Private Limited | WR | Solapur PG | 100 | 0 | Yet to be commissioned | 31.03.2025 | 100 | 9,677 | As effectiveness of Connectivity for 100MW w.e.f. 31.03.2025. So, equivalent charges calculated for 01 day. |

## Transmission charges for NHPTL as per CERC order dated 15.12.2023 in Petition No. 638/MP/2020 for the billing month of May,2025

| Name of DIC | Maximum MVA drawal achieved in previous quarter | pf | Regional Component for Madhya Pradesh for the corresponding billing period | GNA of Madhya Pradesh for the corresponding billing period | Regional Component rate for Madhya Pradesh for the corresponding billing period | Transmission Charges in Rs. |
|---|---|---|---|---|---|---|
| NHPTL | 3799.65 | 0.005 | 118,993,087 | 10,587 | 11,239 | 213,528 |

**Annexure-IV**

## Details of Waiver % of DICs for May 2025 billing month

| Region | State | DIC | Waiver(%) |
|---|---|---|---|
| ER | Bihar | Bihar DISCOMS | 14.236 |
| ER | Bihar | Railways-Bihar | 0.000 |
| ER | DVC | DVC DISCOM & JBVNL | 1.373 |
| ER | DVC | Railways-DVC | 1.986 |
| ER | DVC | Tata steel | 0.000 |
| ER | West Bengal | WBSEDCL | 3.324 |
| ER | West Bengal | CESC | 0.000 |
| ER | West Bengal | IPCL | 47.926 |
| ER | | IPCL_ISTS | 0.000 |
| ER | Jharkhand | JBVNL | 17.111 |
| ER | Jharkhand | SE Railways-Jharkhand | 3.900 |
| ER | Odisha | Odisha | 12.476 |
| ER | Odisha | DHAMRAPORT | 100.000 |
| ER | Sikkim | Sikkim | 10.494 |
| ER | Bangladesh | Bangladesh | 0.000 |
| ER | | PG_HVDC_ER | 0.000 |
| ER | | Railways-ER-ISTS-Bihar | 0.000 |
| NER | Arunachal Pradesh | Arunachal Pradesh | 0.000 |
| NER | Assam | Assam | 1.890 |
| NER | Manipur | Manipur | 0.000 |
| NER | Meghalaya | Meghalaya | 0.000 |
| NER | Mizoram | Mizoram | 0.000 |
| NER | Nagaland | Nagaland | 0.996 |
| NER | Tripura | Tripura | 0.000 |
| NER | | PG-HVDC-NER | 0.000 |
| NR | Punjab | PSPCL | 10.166 |
| NR | Punjab | Northern Railways | 0.000 |
| NR | Punjab | Asian FineCementsPrivate Limited | 100.000 |
| NR | Punjab | Ambuja Cements Limited | 100.000 |
| NR | Haryana | Haryana | 15.065 |
| NR | Haryana | Railways_BRBCL_HARYANA | 7.886 |
| NR | Rajasthan | Rajasthan DISCOMs | 2.939 |
| NR | Rajasthan | Railways | 0.000 |
| NR | Rajasthan | Ambuja Cements Limited | 100.000 |
| NR | Rajasthan | Vedanta Limited | 0.000 |
| NR | Delhi | Delhi DISCOMs, DIAL, NR-DEL | 14.304 |
| NR | Delhi | Delhi Metro Rail Corporation Metro | 100.000 |
| NR | Uttar Pradesh | UPPCL | 9.121 |
| NR | Uttar Pradesh | NPCL | 2.751 |
| NR | Uttar Pradesh | Railway | 16.896 |
| NR | Uttar Pradesh | ACC Limited | 100.000 |
| NR | Uttrakhand | Uttrakhand | 6.963 |
| NR | Uttrakhand | Ambuja Cements Limited | 100.000 |
| NR | Uttrakhand | Linde India Limited | 0.000 |
| NR | Himachal pradesh | Himachal pradesh | 0.974 |
| NR | Himachal pradesh | ACC Ltd. | 100.000 |
| NR | Himachal pradesh | Ambuja Cements Limited | 100.000 |
| NR | Jammu & Kashmir | Jammu & Kashmir | 0.353 |

| Region | State | DIC | Waiver(%) |
|---|---|---|---|
| NR | Chandigarh | Chandigarh | 4.044 |
| NR | | Railways-NR-ISTS-UP | 5.949 |
| NR | | PG-HVDC-NR | 0.000 |
| SR | Andhra Pradesh | Andhra Pradesh | 11.089 |
| SR | Andhra Pradesh | Linde India Limited | 0.000 |
| SR | Karnataka | Karnataka_DISCOMS | 10.854 |
| SR | Karnataka | Railways_Karnataka | 7.719 |
| SR | Karnataka | ACC LIMITED | 100.000 |
| SR | Kerala | KSEB | 2.087 |
| SR | Puducherry | Puducherry | 23.902 |
| SR | Tamil Nadu | TANGEDCO | 1.979 |
| SR | Tamil Nadu | SAIL Steel Plant Salem | 0.000 |
| SR | Telangana | TSSPDCL | 15.147 |
| SR | | PG-HVDC_SR | 0.000 |
| WR | Chhattisgarh | CSPDCL | 11.267 |
| WR | DD&DNH | DD&DNH | 0.000 |
| WR | Goa | Goa | 12.455 |
| WR | Gujarat | GUVNL | 2.350 |
| WR | Gujarat | Indian Railways | 5.144 |
| WR | Gujarat | MPSEZ Utilities Ltd., Mundra | 0.000 |
| WR | Gujarat | Torrent Power Limited Dahej | 0.000 |
| WR | Gujarat | Torrent Power Ltd Discom Ahmedabad | 0.000 |
| WR | Gujarat | Torrent Power Limited DISCOM Surat | 0.000 |
| WR | Gujarat | Heavy Water Board_DAE | 0.000 |
| WR | Gujarat | Reliance Industries Ltd. | 0.000 |
| WR | Gujarat | Sintex Industries Ltd. | 0.000 |
| WR | Gujarat | Reliance Polyster Limited | 0.000 |
| WR | Gujarat | Adani Hazira Port Limited | 100.000 |
| WR | Gujarat | Ambuja Cements Limited | 100.000 |
| WR | Gujarat | Linde India Ltd | 0.000 |
| WR | | Reliance Industries Ltd (Bulk Consumer_ISTS) | 0.000 |
| WR | Madhya Pradesh | MPPMCL | 12.559 |
| WR | Madhya Pradesh | WCR | 5.100 |
| WR | Madhya Pradesh | Hindustan Zinc Limited | 0.000 |
| WR | Maharashtra | MSEDCL | 8.685 |
| WR | Maharashtra | Adani Electricity Mumbai Limited | 55.506 |
| WR | Maharashtra | Tata Power Company Ltd, Maharashtra | 35.126 |
| WR | Maharashtra | Central Railways | 4.798 |
| WR | | PG-HVDC_WR | 0.000 |
| WR | | Arcelormittal Nippon Steel India Ltd. (Essar Steel) | 49.309 |
| WR | | BARC | 0.000 |

**Annexure-V**

# Transmission Charges for Temporary General Network Access (T-GNA) for billing month May,2025

| S.No. | State | Region | T-GNA rate (Rs./MW/block) |
|---|---|---|---|
| 1 | Delhi | NR | 108.23 |
| 2 | UP | NR | 119.86 |
| 3 | Punjab | NR | 132.27 |
| 4 | Haryana | NR | 131.31 |
| 5 | Chandigarh | NR | 134.91 |
| 6 | Rajasthan | NR | 116.78 |
| 7 | HP | NR | 135.37 |
| 8 | J&K | NR | 139.23 |
| 9 | Uttarakhand | NR | 128.90 |
| 10 | Gujarat | WR | 99.10 |
| 11 | Madhya Pradesh | WR | 105.97 |
| 12 | Maharashtra | WR | 133.55 |
| 13 | Chhattisgarh | WR | 93.67 |
| 14 | Goa | WR | 121.67 |
| 15 | Daman and Diu and Dadra and Nagar Haveli | WR | 133.01 |
| 16 | Andhra Pradesh | SR | 125.74 |
| 17 | Telangana | SR | 120.33 |
| 18 | Tamil Nadu | SR | 126.64 |
| 19 | Kerala | SR | 143.28 |
| 20 | Karnataka | SR | 141.53 |
| 21 | Pondicherry | SR | 110.16 |
| 22 | West Bengal | ER | 107.81 |
| 23 | Odisha | ER | 123.94 |
| 24 | Bihar | ER | 107.93 |
| 25 | Jharkhand | ER | 107.62 |
| 26 | Sikkim | ER | 118.05 |
| 27 | DVC | ER | 102.69 |
| 28 | Bangladesh | ER | 91.73 |
| 29 | Arunachal Pradesh | NER | 130.56 |
| 30 | Assam | NER | 106.20 |
| 31 | Manipur | NER | 122.29 |
| 32 | Meghalaya | NER | 137.57 |
| 33 | Mizoram | NER | 103.43 |
| 34 | Nagaland | NER | 170.05 |
| 35 | Tripura | NER | 118.00 |

**Annexure-VI**

# Details of GNA and GNA-RE for Billing month of May,2025

| S.No. | Drawee DIC | Region | GNA+GNA-RE (in MW) |
|---|---|---|---|
| 1 | Delhi | NR | 4810.0 |
| 2 | UP | NR | 10057.5 |
| 3 | Punjab | NR | 5529.0 |
| 4 | Haryana | NR | 5143.0 |
| 5 | Chandigarh | NR | 342.0 |
| 6 | Rajasthan | NR | 5746.0 |
| 7 | HP | NR | 1180.5 |
| 8 | J&K | NR | 1977.0 |
| 9 | Uttarakhand | NR | 1415.9 |
| 10 | Railways-NR-ISTS-UP | NR | 130.0 |
| 11 | PG-HVDC-NR | NR | 8.0 |
| 12 | Gujarat | WR | 12623.2 |
| 13 | Madhya Pradesh | WR | 10587.2 |
| 14 | Maharashtra | WR | 9409.8 |
| 15 | Chhattisgarh | WR | 3276.0 |
| 16 | Goa | WR | 673.0 |
| 17 | DNHDDPDCL | WR | 1206.0 |
| 18 | ArcelorMittal Nippon Steel India Ltd (formerly Essar Steel) | WR | 563.0 |
| 19 | PG-HVDC-WR | WR | 5.0 |
| 20 | BARC | WR | 5.0 |
| 21 | Reliance Industries Ltd. | WR | 500.0 |
| 22 | Hindustan Zinc Limited | WR | 8.1 |
| 23 | Andhra Pradesh | SR | 4207.0 |
| 24 | Telangana | SR | 5801.0 |
| 25 | Tamil Nadu | SR | 8765.0 |
| 26 | Kerala | SR | 2679.0 |
| 27 | Karnataka | SR | 5475.0 |
| 28 | Pondicherry | SR | 540.0 |
| 29 | PG-HVDC-SR | SR | 6.2 |
| 30 | West Bengal | ER | 3540.0 |
| 31 | Odisha | ER | 2166.0 |
| 32 | Bihar | ER | 4847.0 |
| 33 | Jharkhand | ER | 1590.0 |
| 34 | Sikkim | ER | 111.0 |
| 35 | DVC | ER | 956.0 |

| S.No. | Drawee DIC | Region | GNA+GNA-RE (in MW) |
|---|---|---|---|
| 36 | Bangladesh | ER | 982.0 |
| 37 | Railways-ER-ISTS-Bihar | ER | 20.0 |
| 38 | PG-HVDC-ER | ER | 2.0 |
| 39 | India Power Corporation Limited (IPCL) | ER | 100.0 |
| 40 | Arunachal Pradesh | NER | 208.0 |
| 41 | Assam | NER | 1767.0 |
| 42 | Manipur | NER | 177.0 |
| 43 | Meghalaya | NER | 238.0 |
| 44 | Mizoram | NER | 150.0 |
| 45 | Nagaland | NER | 139.0 |
| 46 | Tripura | NER | 311.0 |
| 47 | PG-HVDC-NER | NER | 1.2 |
| | **Total** | | **119973.32** |

**Annexure-VII**

# Transmission Charges claimed by ISTS licensees for the billing month May,2025

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 1 | Powergrid Corporation Of India Ltd | 34198.27 | 34198.27 | 2904.51 | As per data furnished by ISTS Licensee for March'25. MTC of the assets listed under Regulation 13(3) shall be partly settled through the bilateral payments from respective entities as detailed in the transmission charges bill. PowerGrid assets for bilateral payments as mentioned in format I-C are also included in this total YTC claimed. |
| 2 | Adani Transmission (India) Limited | 603.73 | 603.73 | 51.28 | As per data furnished by ISTS Licensee for March'25 |
| 3 | Chhattisgarh-WR Transmission Limited. | 168.20 | 168.20 | 14.29 | As per data furnished by ISTS Licensee for March'25 |
| 4 | Raipur Rajnandgaon-WR Transmission Limited. | 182.37 | 182.37 | 15.49 | As per data furnished by ISTS Licensee for March'25 |
| 5 | Sipat Transmission Limited. | 84.89 | 84.89 | 7.21 | As per data furnished by ISTS Licensee for March'25 |
| 6 | Western Transmission Gujarat Limited | 48.57 | 48.57 | 4.13 | As per data furnished by ISTS Licensee for March'25 |
| 7 | Western Transco Power Limited | 89.04 | 89.04 | 7.56 | As per data furnished by ISTS Licensee for March'25 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 8 | Alipurduar Transmission Limited | 149.84 | 149.84 | 12.73 | As per data furnished by ISTS Licensee for March'25 |
| 9 | Fatehgarh-Bhadla Transmission Ltd. | 65.04 | 65.04 | 5.52 | As per data furnished by ISTS Licensee for March'25 |
| 10 | North Karanpura Transco Limited | 39.01 | 39.01 | 3.31 | As per data furnished by ISTS Licensee for March'25 |
| 11 | Bikaner-Khetri Transmission Limited | 128.95 | 128.95 | 10.95 | As per data furnished by ISTS Licensee for March'25 |
| 12 | Jam Khambaliya Transco Limited | 44.08 | 44.08 | 3.74 | As per data furnished by ISTS Licensee for March'25 |
| 13 | Lakadia-Banaskantha Transmission Limited | 100.28 | 100.28 | 8.52 | As per data furnished by ISTS Licensee for March'25 |
| 14 | WRSS XXI (A) Transco Limited | 122.16 | 122.16 | 10.38 | As per data furnished by ISTS Licensee for March'25 |
| 15 | Karur Transmission Limited | 22.37 | 22.37 | 1.90 | As per data furnished by ISTS Licensee for March'25. |
| 16 | Khavda-Bhuj Transmission Limited | 127.19 | 127.19 | 10.80 | As per data furnished by ISTS Licensee for March'25. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 17 | Aravali Power Company Private Limited | 6.76 | 6.76 | 0.57 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 18 | Essar Power Transmission Company Limited | 69.07 | 69.07 | 5.87 | As per data furnished by ISTS Licensee for March'25. |
| 19 | Essar Transco Limited | 269.64 | 269.64 | 22.90 | As per data furnished by ISTS Licensee for March'25. |
| 20 | Jindal Power Limited | 31.06 | 31.06 | 2.64 | As per data furnished by ISTS Licensee for March'25. |
| 21 | Kudgi Transmission Limited | 196.29 | 196.29 | 16.67 | As per data furnished by ISTS Licensee for March'25. |
| 22 | Parbati Koldam Transmission Company Limited | 171.37 | 171.37 | 14.55 | As per data furnished by ISTS Licensee for March'25. |
| 23 | Bhopal Dhule Transmission Company Ltd. | 185.14 | 185.14 | 15.72 | As per data furnished by ISTS Licensee for March'25. |
| 24 | East North Interconnection Company Limited | 146.20 | 146.20 | 12.42 | As per data furnished by ISTS Licensee for March'25. |
| 25 | Gurgaon Palwal Transmission Limited | 134.72 | 134.72 | 11.44 | As per data furnished by ISTS Licensee for March'25. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 26 | Jabalpur Transmission Company Limited | 147.02 | 147.02 | 12.49 | As per data furnished by ISTS Licensee for March'25. |
| 27 | Maheshwaram Transmission Limited | 56.11 | 56.11 | 4.77 | As per data furnished by ISTS Licensee for March'25. |
| 28 | Khargone Transmission Company Ltd. | 178.45 | 178.45 | 15.16 | As per data furnished by ISTS Licensee for March'25. |
| 29 | Goa Tamnar Transmission Projects Limited | 91.84 | 91.84 | 5.71 | As per revised data furnished by ISTS Licensee as per Petition no. 131/MP/2024 for March'25. Some of the elements of the said licensee were deemed comissioned on 19.11.2024. So, as per Regulation 13(12)(a) for deemed COD, 50% of equivalent MTC is considered for deemed comissioned elements. |
| 30 | Mumbai Urja Marg Limited | 339.84 | 339.84 | 28.86 | As per revised data furnished by ISTS Licensee as per Petition no. 131/MP/2024 for March'25. |
| 31 | Lakadia Vadodara Transmission Company Limited | 211.77 | 211.77 | 17.99 | As per revised data furnished by ISTS Licensee as per Petition no. 131/MP/2024 for March'25. |
| 32 | Nangalbibra Bongaigaon Transmission Limited | 68.29 | 68.29 | 3.15 | As per data furnished by ISTS Licensee for March'25. Some of the elements of the said licensee were deemed comissioned on 26.11.2024. So, as per Regulation 13(12)(a) for deemed COD, 50% of equivalent MTC is considered for deemed comissioned elements. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 33 | NRSS-XXIX Transmission Limited | 502.85 | 502.85 | 42.71 | As per data furnished by ISTS Licensee for March'25. |
| 34 | Odisha Generation Phase-II Transmission Limited | 148.52 | 148.52 | 12.61 | As per data furnished by ISTS Licensee for March'25. |
| 35 | Patran Transmission Company Limited | 30.82 | 30.82 | 2.62 | As per data furnished by ISTS Licensee for March'25. |
| 36 | Purulia & Kharagpur Transmission Company Limited | 72.44 | 72.44 | 6.15 | As per data furnished by ISTS Licensee for March'25. |
| 37 | Rapp Transmission Company Limited | 44.03 | 44.03 | 3.74 | As per data furnished by ISTS Licensee for March'25. |
| 38 | NER-II Transmission Limited | 481.87 | 481.87 | 40.93 | As per data furnished by ISTS Licensee for March'25 |
| 39 | Kallam Transmission Limited | 17.00 | 17.00 | 1.44 | As per data furnished by ISTS Licensee for March'25 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 40 | Teestavalley Power Transmission Limited | 248.37 | 248.37 | 21.09 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 41 | Torrent Power Grid Limited | 26.03 | 26.03 | 2.21 | As per data furnished by ISTS Licensee for March'25. |
| 42 | Darbhanga-Motihari Transmission Company Limited | 134.73 | 134.73 | 11.44 | As per data furnished by ISTS Licensee for March'25. |
| 43 | NRSS XXXI (B) Transmission Limited | 98.09 | 98.09 | 8.33 | As per data furnished by ISTS Licensee for March'25. |
| 44 | A D Hydro Power Limited | 43.19 | 43.19 | 3.67 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 45 | Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited) | 82.73 | 82.73 | 7.03 | As per data furnished by ISTS Licensee for March'25. |
| 46 | Kohima Mariani Transmission Limited | 277.20 | 277.20 | 23.54 | As per data furnished by ISTS Licensee for March'25. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 47 | Raichur Sholapur Transmission Company Private Limited | 25.70 | 25.70 | 2.18 | As per data furnished by ISTS Licensee for March'25. |
| 48 | Koppal-Narendra Transmission Limited | 77.19 | 77.19 | 6.56 | As per data furnished by ISTS Licensee for March'25 |
| 49 | Damodar Valley Corporation | 104.12 | 104.12 | 8.84 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 50 | Powerlinks Transmission Limited | 135.93 | 135.93 | 11.55 | As per data furnished by ISTS Licensee for March'25. |
| 51 | NRSS XXXVI Transmission Limited | 22.10 | 22.10 | 1.88 | As per data furnished by ISTS Licensee for March'25. |
| 52 | Warora-Kurnool Transmission Limited | 409.60 | 409.60 | 34.79 | As per data furnished by ISTS Licensee for March'25. |
| 53 | Rajgarh Transmission Limited | 50.51 | 50.51 | 4.29 | As per data furnished by ISTS Licensee for March'25. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 54 | Gadag Transmission Limited | 36.44 | 36.44 | 3.09 | As per data furnished by ISTS Licensee for March'25. |
| 55 | Powergrid Vizag Transmission Limited | 212.90 | 212.90 | 18.08 | As per data furnished by ISTS Licensee for March'25 |
| 56 | Powergrid NM Transmission Limited | 160.15 | 160.15 | 13.60 | As per data furnished by ISTS Licensee for March'25 |
| 57 | Powergrid Unchahar Transmission Limited | 18.76 | 18.76 | 1.59 | As per data furnished by ISTS Licensee for March'25 |
| 58 | Powergrid Parli Transmission Limited | 326.22 | 326.22 | 27.71 | As per data furnished by ISTS Licensee for March'25 |
| 59 | Powergrid Kala Amb Transmission Limited | 64.86 | 64.86 | 5.51 | As per data furnished by ISTS Licensee for March'25. |
| 60 | Powergrid Southern Interconnector Transmission System Limited | 476.24 | 476.24 | 40.45 | As per data furnished by ISTS Licensee for March'25 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 61 | Powergrid Jabalpur Transmission Limited | 256.43 | 256.43 | 21.78 | As per data furnished by ISTS Licensee for March'25 |
| 62 | Powergrid Warora Transmission Limited | 364.20 | 364.20 | 30.93 | As per data furnished by ISTS Licensee for March'25 |
| 63 | Powergrid Medinipur Jeerat Transmission Limited | 579.70 | 579.70 | 49.23 | As per data furnished by ISTS Licensee for March'25 |
| 64 | Powergrid Mithilanchal Transmission Limited | 170.00 | 170.00 | 14.44 | As per data furnished by ISTS Licensee for March'25 |
| 65 | Powergrid Ajmer Phagi Transmission Limited | 74.79 | 74.79 | 6.35 | As per data furnished by ISTS Licensee for March'25 |
| 66 | Powergrid Varanasi Transmissoin System Limited | 116.97 | 116.97 | 9.93 | As per data furnished by ISTS Licensee for March'25 |
| 67 | Powergrid Fatehgarh Transmission Limited | 87.69 | 87.69 | 7.45 | As per data furnished by ISTS Licensee for March'25 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 68 | Powergrid Khetri Transmission System Ltd. | 149.07 | 149.07 | 12.66 | As per data furnished by ISTS Licensee for March'25 |
| 69 | Powergrid Bhuj Transmission Limited | 151.70 | 151.70 | 12.88 | As per data furnished by ISTS Licensee for March'25 |
| 70 | Powergrid Bikaner Transmission System Limited | 167.88 | 167.88 | 14.26 | As per data furnished by ISTS Licensee for March'25 |
| 71 | Powergrid Ramgarh Transmission Limited | 46.41 | 46.41 | 3.94 | As per data furnished by ISTS Licensee for March'25 |
| 72 | Powergrid Neemuch Transmission System Limited | 78.38 | 78.38 | 6.66 | As per data furnished by ISTS Licensee for March'25 |
| 73 | Powergrid Bhadla Transmission Limited | 86.63 | 86.63 | 7.36 | As per data furnished by ISTS Licensee for March'25 |
| 74 | Powergrid Aligarh Sikar Transmission Limited | 118.70 | 118.70 | 10.08 | As per data furnished by ISTS Licensee for March'25 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 75 | Powergrid Sikar Transmission Limited | 194.55 | 194.55 | 16.52 | As per data furnished by ISTS Licensee for March'25 |
| 76 | Powergrid ER NER Transmission Limited | 12.91 | 12.91 | 1.10 | As per data furnished by ISTS Licensee for March'25 |
| 77 | Powergrid Raipur Pool Dhamtari Transmission Limited | 29.72 | 29.72 | 0.49 | As per data furnished by ISTS Licensee for March'25. All the elements of the said licensee were comissioned on 26.03.2025. So, equivalent MTC is considered for 06 days. |
| 78 | North East Transmission Company Limited | 252.89 | 252.89 | 21.48 | As per data furnished by ISTS Licensee for March'25 |
| 79 | Transmission Corporation Of Andhra Pradesh (APTRANSCO) | 139.14 | 139.14 | 11.82 | As per data furnished by ISTS Licensee for March'25 |
| 80 | Madhya Pradesh Power Transmision Co. Ltd. | 12.54 | 12.54 | 1.06 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 81 | Karnataka Power Transmission Corporation Limited | 1.42 | 1.42 | 0.12 | Data not furnished by ISTS Licensee for March'25. CERC Tariff Order dated 12.06.2019 has been considered |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 82 | Delhi Transco Limited | 3.12 | 3.12 | 0.26 | Data not furnished by ISTS Licensee for March'25. Data as furnished by ISTS Licensee for Dec'20 has been considered. |
| 83 | Power Transmission Corporation Of Uttarakhand Ltd. | 71.66 | 71.66 | 6.09 | As per data furnished by ISTS Licensee for March'25. CERC Tariff Order dated 09.11.2021, 25.11.2021, 13.06.2021 and 20.01.2024 have been considered. |
| 84 | Rajasthan Rajya Vidhyut Prasaran Nigam Ltd. | 6.26 | 6.26 | 0.53 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 85 | Tamilnadu Transmission Corporation Limited | 0.59 | 0.59 | 0.05 | Data not furnished by ISTS Licensee for March'25. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered |
| 86 | Chhattisgarh State Power Transmission Company Ltd | 0.75 | 0.75 | 0.06 | Data not furnished for March'25. Considered the same as in the earlier billing period. |
| 87 | Himachal Pradesh Power Transmission Corporation Ltd | 2.61 | 2.61 | 0.22 | Data not furnished for March'25. Considered the same as in the earlier billing period. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 88 | Odisha Power Transmission Corporation Limited | 9.80 | 9.67 | 0.82 | Data not furnished by ISTS Licensee for March'25. Data as furnished by ISTS Licensee for Jan'21 has been considered.Filing and Publication fee of ₹ 13.67 Lacs as claimed by the licensee is not considered. The same may be claimed in Bill-2 or Bill-3 as applicable. |
| 89 | Uttarpradesh Power Transmission Corporation Limited | 27.23 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |
| 90 | Power Development Department, Jammu & Kashmir | 10.11 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |
| 91 | Gujarat Energy Transmission Corporation Limited | 5.71 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |
| 92 | Maharashtra State Electricity Transmission Company Ltd | 97.68 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for March'25 (₹ Cr) | Equivalent MTC to be considered for March'25 (₹ Cr) | Remarks |
|---|---|---|---|---|---|
| 93 | West Bengal State Electricity Transmission Company Ltd | 32.05 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |
| 94 | Haryana Vidyut Prasaran Nigam Limited | 0.35 | 0.35 | 0.03 | As per data furnished by ISTS Licensee for March'25. |
| 95 | Assam Electricity Grid Corporation Limited | 10.78 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |
| 96 | Meghalaya Power Transmission Corporation Limited | 3.61 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |
| 97 | Kerala State Electricity Board | 10.06 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for March'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available |

| | |
|---|---|
| TOTAL MTC considered for the billing period March'25 from the claimed assets of ISTS licensees (₹ Crores) | **3899.47** |

**Annexure-VIII**

# Entity-wise details of Bilateral billing for May,2025 billing month

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 1 | 400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota) | Powergrid | RAPP 7&8, NPCIL | NR | 32,598,581 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 2 | 2X500MVA 400/230kV transformers along with associated bays andequipmentat new 400/230kV (GIS) Tirunelveli Pooling Sub-station | Powergrid | Betam | SR | 169,917 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 3 | Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line,Asset3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB | Powergrid | Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) | SR | 15,737,723 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 4 | HVDC Mundra-Mahendergarh | Powergrid | Adani Power Limited | WR | 261,939,401 | | -- |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 5 | Mahan Bilaspur Line | Essar Transco Limited | Mahan Energen Limited (formerly Essar Power M.P. Ltd) | WR | 50,578,071 | | CERC order dated 22.11.2023 in Petition No. Petition No. 24/TT/2023 |
| 6 | 2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station | Powergrid | Adani Renewable Energy Park Rajasthan Limited | NR | 8,284 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 7 | Establishment of 400 kV Pooling Station at Fatehgarh | | Adani Renewable Energy Park Rajasthan Limited | NR | 8,812 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 8 | Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV) | | | | | | |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 9 | 2 Nos. 400 kV line bays at Fatehgarh Pooling Station | Fatehgarh Badhla Transmission Limited | | | | | |
| 10 | 1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay | | | | | | |
| 11 | Space for future 220kV (12 Nos) Line Bays | | | | | | |
| 12 | Space for future 400kV (8 Nos) Line Bays alongwith line reactors at at Fatehgarh Pooling Station | | | | | | |
| 13 | Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level. | | | | | | |
| 14 | Space for future 400kV bus reactors (2 Nos) alongwith associated bays. | | | | | | |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 15 | 765/400 kV 1500 MVA ICT along with associated bays at Meerut Sub-station under Transmission System associated with Tehri Pump Storage Plant (PSP) | Powergrid | THDC India Ltd. | NR | 43,172,638 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 16 | 765/400 kV 800 MVA ICTI along with associated bays at Koteshwar (Tehri Pooling Station) under Transmission System associated with Tehri Pump Storage Plant (PSP) | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 17 | 400 kV S/C Tehri (Generation)-Tehri (Koteshwar) (Quad) line along with associated bays at both ends under Transmission system associated with Tehri Pump Storage Plant (PSP) | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 18 | 400 kV D/C North Karanpura-Chandwa (Jharkhand) Pooling Station line with quad moose conductor | North karanpura Transco Ltd. | NTPC, North Karanpura STPP, Jharkhand | ER | 4,351,348 | | As per Regulation 13(3) of Sharing Regulations 2020 |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 19 | Establishment of 2x500 MVA, 400/230 kV Karur Pooling Station (at a location in between Karur Wind zone and Tiruppur wind zone) | Karur Transmission Limited | JSW Renew Energy Ltd. | SR | 6,801,706 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 20 | LILO of both circuits of Pugalur – Pugalur (HVDC) 400 kV D/C line (with Quad Moose ACSR Conductor) at Karur PS | | | | | | |
| 21 | 2x125 MVAr, 400 kV Bus reactors at Karur PS | | | | | | |
| 22 | 400 KV D/C Quad Moose Koppal PS – Narendra (New) Transmission Line | | ReNew Solar Power Pvt Ltd. | | 568,121 | | |
| 23 | 400/220 kV Koppal Pooling Station<br><br>**400kV**<br>•ICT: 3x500MVA, 400/220kV<br>•ICT bay: 3 nos.<br>•Line bay: 2 nos.<br>•Bus Reactor bay: 2 nos. | | | | | | |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| | **220kV**<br>•ICT bay: 3 nos<br>•Line bay: 5 nos.<br>•Bus coupler bay: 1 no.<br>•Transfer Bus coupler bay: 1 no. | Koppal-Narendra Transmission Limited | | SR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 24 | 2x125 MVAr, 420 kV bus reactor at Koppal Pooling station | | | | | | |
| 25 | - 400 kV GIS Line bay at Narendra (New): 2 nos.<br>- 400 kV GIS Bay for future 765/400kV Transformer: 2 nos.<br>- 400 kV Auxiliary GIS bay module for switching of future 765/400 kV Transformer: 1 no. | | | | | | |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 26 | Establishmnet of 400/220kV, 4x500MVA Ramgarh-II PS (Fatehgarh-III PS) with 420kV (2x125MVAr) Bus Reactor<br><br>400kV:<br>500MVA ICT - 4<br>ICT bays - 4<br>Line bays - 4<br>125MVAr Bus Reactor - 2<br>Reactor Bays - 2 | Powergrid Ramgarh Transmission Ltd. | Adani Renewable Energy Holding Seventeen Pvt. Ltd. | NR | 12,009,553 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 27 | Ramgarh-II PS(Fatehgarh-III) - Fatehgarh-II PS 400kV D/c line (Twin HTLS) | | | | | | |
| 28 | 2 nos. of 400kV line bays at Fatehgarh-II PS for Ramgarh-II PS - Fatehgarh-II PS 400kV D/c line | | | | | | |
| 29 | Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line (Twin HTLS) | | | | | | |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 30 | 2 nos. of 400kV line bays at Jaisalmer-II (RVPN) for Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line | | | | | | |
| 31 | 1 No. 220 kV GIS Line Bay at Bhuj Sub-station associated with Part-B: Extension works at Bhuj Pooling Station for interconnection of RE projects | Powergrid | Netra Wind Private Limited | WR | 80,246 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 32 | Gadag PS - Narendra (New) PS 400 kV (high capacity equivalent to quad moose) D/c line (Twin HTLS Line) | Gadag Transmission Limited | Renew Solar Power Pvt. Ltd. | SR | 12,705,160 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 33 | 400/220 kV, 2x500 MVA Gadag Pooling Station with 400 kV (1X125 MVAR) bus reactor<br><br>- 400/220 kV, 500 MVA ICT – 2 nos.<br>- 400 kV ICT bays – 2 nos.<br>- 220 kV ICT bays – 2 nos.<br>- 400 kV line bays – 2 nos.<br>- 220 kV line bays – 4 nos.<br>- 125 MVAr, 420 kV reactor – 1 no.<br>- 420 kV reactor bay – 1 no.<br>- 220 kV bus coupler (BC) bay -1 no.<br>- 220 kV transfer bus coupler (TBC) bay- 1 no. | | | | | | |

| Sl.No. | Name of the Asset | Transmission Licensee | Name of the beneficiary | Region | MTC in ₹ | State Control Area in which the Bilateral charges are included | Remarks |
|---|---|---|---|---|---|---|---|
| 34 | 400 kV GIS line bays at Narendra (new) for Gadag PS-Narendra (New) PS 400 kV D/c Line<br><br>400 kV GIS line bays – 2 nos. | | | | | | |
| | | | **TOTAL** | | **440,729,561** | | |

**Annexure-IX**

# Commercial data containing Monthly Transmission Charges of Inter-State/Intra-State Network elements as per Regulation 13(12) for the billing month of May,2025

## 1. Monthly Transmission Charges to be disbursed to inter-State transmission licensee as per Regulation 13(12)(a) & 13(12)(b):

| Sl. No. | Name of Inter-State Tranmission Licensee | Voltage Level | Name of Inter-State Network element | Type of Network element | MTC (Rs.) | COD | Details of the CERC Order |
|---|---|---|---|---|---|---|---|
| 1 | **Kallam Transmission Limited** | 400kV | LILO of both circuits of Parli (PG) - Pune (GIS) 400kV D/C Line at Kallam PS | Line | 14441753 | Deemed COD on 14.02.2024 | CERC order dated 01.06.2022 in Petition No. 31/AT/2022 |
| | | 400kV | 1x125MVAr bus reactor at Kallam PS 400 kV Reactor bay -1 | Bus Reactor | | | |
| | | 400kV | Provision of new 50MVAr switchable line reactor with 400 ohms NGR at Kallam PS end of Kallam-Pune (GIS) 400kV D/c line.<br>2x50 MVAr,<br>400 kV Reactor bay - 2 | Line Reactor | | | |
| | | 400/220kV | Establishment of 2X500 MVA, 400/220kV substation near Kallam PS | | | | |
| | | 400kV | Xeldem-Mapusa 400kV D/c (Quad) line | Line | | | |

| Sl. No. | Name of Inter-State Tranmission Licensee | Voltage Level | Name of Inter-State Network element | Type of Network element | MTC (Rs.) | COD | Details of the CERC Order |
|---|---|---|---|---|---|---|---|
| 2 | **Goa Tamnar Transmission Projects Limited** | 400/220kV | Establishment of 2x500MVA, 400/220kV substation at Xeldem<br><br>400kV<br>• ICTs: 2x500MVA, 400/220kV<br>• ICT bays: 2 nos.<br>• Line bays: 4 nos. (2 nos. for Xeldem-Mapusa 400kV D/c (Quad) line & 2 nos. for LILO of one ckt. of Narendra (New) 400kV D/c quad line at Xeldem)<br>• Bus Reactor : 1x125MVAR<br>• Bus Reactor Bay: 1 no<br>•Space for 2x500MVA, 400/220kV ICTs (Future)<br>•Space for ICT bays (future) : 2 nos.<br>•Space for Line bays along with line reactors (future): 4 nos.<br>• 1x63MVAR switchable line reactor along with 500 ohms NGR and its auxiliaries (for Narendra (existing) -Xeldem 400kV line formed after LILO of one ckt. of Narendra (existing) -Narendra (New) 400kV D/c quad line at Xeldem)<br>• 1x80MVAR switchable line reactor along with 500 ohms NGR and its auxiliaries (for Narendra (New) -Xeldem 400kV (quad) line formed after LILO of one ckt. of Narendra (existing) -Narendra (New) 400kV D/c quad line at Xeldem)<br><br>220kV<br>•Inter-connection with Xeldem (existing) substation through 220kV D/c line with HTLS conductor (ampacity equivalent to twin moose conductor)<br>•ICT bays: 2 nos.<br>•Line bays: 6 nos. (2 Nos. for New Xeldem (400 kV)-Xeldem (GED) 220kV D/c line, 2 nos. for New Xeldem (400 kV)-Verna (GED) 220kV D/c line and 2 nos. for LILO of 2nd circuit of Ambewadi-Ponda 220Kv D/c line at New Xeldem (400 kV)<br>•Space for ICT bays (future) : 2nos.<br>•Space for Line bays (future) : 6 nos. | Substation | 13369477 | Deemed COD on 19.11.2024 | CERC order dated 13.07.2018 in Petition No. 97/AT/2018 |

| Sl. No. | Name of Inter-State Tranmission Licensee | Voltage Level | Name of Inter-State Network element | Type of Network element | MTC (Rs.) | COD | Details of the CERC Order |
|---|---|---|---|---|---|---|---|
| 3 | **Nangalbibra Bongaigaon Transmission Limited** | 220/132kV | Establishment of new 220/132kV, 2x160MVA substation at Nangalbibra<br>i. 220/132kV, 160 MVA ICT - 2 No.<br>ii. 220kV ICT bays - 2 No.<br>iii. 132kV ICT bays - 2 No.<br>iv. 220kV Line bays: 2 No. [for termination of Bongaigaon (POWERGRID) - Nangalbibra 400kV D/c line (initially operated at 220kV) -under this scheme]<br>v. 132 kV Line bays: 2 No. [for termination of Nangalbibra -existing Nangalbibra (MePTCL) 132kV D/c (Single Moose) line of MePTCL]<br>vi. Bus reactor 245kV, 31.5MVAr - 2 No.<br>vii. 220kV Bus reactor bays - 2 No.<br>Additional space for future expansion:<br>•220/132kV, 200MVA ICT – 1 No. (along with associated bays at both levels)<br>•400/220kV, 500MVA ICT -3 No. (along with associated bays at both levels)<br><br>Space for 400kV upgradation:<br>-Line bays along with space for switchable line reactor : 8 No. [2 No. for 400kV operation of Bongaigaon (Powergrid)-Nangalbibra 400kV D/c line (initially operated at 220kV) and 6 No. for other lines]<br>-Bus reactor 420kV, 125MVAr- 3 No.<br>-400kV Bus reactor bays- 3 No.<br>Space for future 220kV line bays: 6 No. [2 no. for termination of Mawngap (Meghalaya)-Nangalbibra 220kV D/c line of MePTCL and 4 No. for future lines]<br>Space for future 132kV line bays: 6 No. (for future lines) | Substation | 23458012 | Deemed COD on 26.11.2024 | CERC order dated 27.05.2022 in Petition No. 24/AT/2022 |

| Sl. No. | Name of Inter-State Tranmission Licensee | Voltage Level | Name of Inter-State Network element | Type of Network element | MTC (Rs.) | COD | Details of the CERC Order |
|---|---|---|---|---|---|---|---|
| | | 400kV | Extension at Boingaigaon (Powergrid) S/s: 2 No. of line bays for termination of Bongaigaon (Powergird)-Nangalbibra 400kV D/c line (initiated operated at 220kV) | Line bays | | | |
| | | 400kV | Boingaigaon (Powergrid)-Nangalbibra 400kV D/c line (initially operated at 220kV) | Line | | | |
| | | | **Total** | | **51269242** | | |

# Annexure-X

**Date of publication: 25.11.2023**

| Revised GNAsh and GNAd as per CERC(Connectivity and General Network Access to the inter-State Transmission System)(First Amendment) Regulations,2023 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| State | Yearly Average of Daily Max ISTS drawal ($X_1$)(MW) | Yearly Max ISTS drawal($Y_1$)(MW) | $Z_1$= 0.5*x+0.5*y (MW) | Yearly Average of Daily Max ISTS drawal ($X_2$)(MW) | Yearly Max ISTS drawal($Y_2$)(MW) | $Z_2$= 0.5*x+0.5*y (MW) | Yearly Average of Daily Max ISTS drawal ($X_3$)(MW) | Yearly Max ISTS drawal($Y_3$)(MW) | $Z_3$= 0.5*x+0.5*y (MW) | GNAsh* (MW)=Avg of Z1 Z2 & Z3 | GNA (MW) As per Annexure-I of GNA Regulations ,2022 | GNAd (MW) (=GNA-GNAsh) |
| | 2018-19 | | | 2019-20 | | | 2020-21 | | | | | |
| **Northern Region** | | | | | | | | | | | | |
| Haryana | 4660 | 7321 | 5991 | 5433 | 7778 | 6606 | 5499 | 9132 | 7316 | **5143** | 5418 | 275 |
| Rajasthan | 3874 | 5596 | 4735 | 4359 | 7759 | 6059 | 5080 | 7466 | 6273 | **5689** | 5755 | 66 |
| Uttar Pradesh | 7068 | 10304 | 8686 | 8136 | 12090 | 10113 | 8492 | 12582 | 10537 | **9779** | 10165 | 386 |
| **Southern Region** | | | | | | | | | | | | |
| Tamil Nadu | 6707 | 9560 | 8134 | 7361 | 9984 | 8673 | 7501 | 11475 | 9488 | **8765** | 9177 | 412 |
| Telangana | 4160 | 6115 | 5137 | 4104 | 7854 | 5979 | 4380 | 8193 | 6286 | **5801** | 6140 | 339 |
| Andhra Pradesh | 2635 | 4578 | 3606 | 2741 | 5357 | 4049 | 3771 | 6110 | 4941 | **4199** | 4516 | 317 |
| **Western Region** | | | | | | | | | | | | |
| Chhattishgarh | 1100 | 2219 | 1659 | 1491 | 2353 | 1922 | 1459 | 2714 | 2086 | **1889** | 2149 | 260 |
| Gujarat | 5346 | 8699 | 7023 | 4284 | 6260 | 5272 | 4675 | 8611 | 6643 | **6312** | 6434 | 122 |
| Maharashtra | 6481 | 10207 | 8344 | 6437 | 8790 | 7613 | 7409 | 10238 | 8824 | **8260** | 8496 | 236 |
| **Easten Region** | | | | | | | | | | | | |
| Bihar | 4095 | 4782 | 4438 | 4320 | 5494 | 4907 | 4553 | 5840 | 5196 | **4847** | 5043 | 196 |
| **North Easten Region** | | | | | | | | | | | | |
| Arunachal Pradesh | 118 | 145 | 132 | 99 | 132 | 115 | 84 | 128 | 106 | **117** | 134 | 17 |
| Assam | 1171 | 1468 | 1319 | 1186 | 1608 | 1397 | 1251 | 1690 | 1470 | **1396** | 1529 | 133 |
| Manipur | 135 | 196 | 166 | 147 | 201 | 174 | 166 | 218 | 192 | **177** | 204 | 27 |
| Nagaland | 112 | 145 | 128 | 117 | 140 | 128 | 113 | 140 | 126 | **128** | 134 | 6 |

**Note:**

1. For computation of GNAsh, ISTS drawal has been considered after subtracting the Direct drawal based on the details of generating stations as provided by CTU as per CERC(Connectivity and General Network Access to the inter-State Transmission System) (First Amendment) Regulations,2023.
2. Block-wise meter data has been used for computation of ISTS drawal by State.
3. For Haryana, GNAsh has been reduced by 1495MW in line with the Annexure-I of GNA Regulations,2022
4. #As the power from Telangana STPP,, Dhariwal(unit-1 of 300MW) and Chuzachen HEP were not included in ISTS drawl for the period 2018-19, 2019-20 and 2020-21,so for the computation of GNAd & GNAsh these Generating stations have not been considered.

**List of generating stations as provided by CTU, from which drawal through STU lines and Scheduled quantum of States have been considered for computation of Direct drawal and GNAsh**

| Northern Region | Generating Stations |
|---|---|
| Haryana | IGTPS(Jhajjhar) |
| Rajasthan | Anta GPS, RAPS B |
| Uttar Pradesh | Unchahar Stage-I,Tanda Stage-II,Narora Atomic Power Station(NAPS) |
| **Southern Region** | |
| Tamil Nadu | Madras Atomic Power Station (MAPS), Neyveli TS-II Stage-I, New Neyveli TPS |
| Telangana | Ramagundam STPS St-I&II, Telangana STPP(#) |
| Andhra Pradesh | Simhadri- Stage-1 |
| **Western Region** | |
| Chhattishgarh | NSPCL (formerly BESCL) |
| Gujarat | Tarapur 1&2 APS, Kawas GPS, Gandhar GPS |
| Maharashtra | Tarapur 1&2 APS, Ratnagiri Gas & Power Pvt.Ltd, Dhariwal(# unit-1 of 300MW) |
| **Easten Region** | |
| Bihar | Kanti Stage-2 (at 220kV level) |
| Sikkim | Chuzachen HEP(#) |
| **North Easten Region** | |
| Arunachal Pradesh | Pare HEP, Ranganadi HEP |
| Assam | Bongaigaon TPS |
| Manipur | Loktak HEP |
| Nagaland | Doyang HEP |

**Annexure-XI**

## Commercial data of RE transmission network to be considered for NC-RE component for May, 2025 Billing month as furnished by CTU

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | In case of Transmission line | | | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | | | | | | | | |
| 1 | | 765 | Green Energy Corridors: Inter-State Transmission Scheme (ISTS)-Part-B in Northern Region | Chittorgarh-Ajmer 765 kV D/C line along with associated bays and 240 MVAR Switchable Line reactors at both end | RE-Line | Chittorgarh-Ajmer 765 kV D/C line | Zebra | 6 | 422.34 | 42763 | 2019-24 | Final 19-24 | 10/6/2018 | 10/6/2018 | 328/TT/2022 | 4/28/2023 | |
| | | 400 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) Part-B | 1 no. 400 kV, 125 MVAR Bus Reactor along with associated bay at Banaskantha SS | RE BR | | | | | | | | | | | | |
| | | 765 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) Part-B | 765kV Banaskantha - Chittorgarh TL with 2 nos. 330 MVAR, SLR at Banskna. SS & 2 nos. 240 MVAR, SLR at Chittrgrh SS, 400 kV Bansknta - Sankhari TL, 2 nos. 1500 MVA, ICTs along with ass. bays and 1 no. 765 kV, 330 MVAR BR with ass. bay at Banskna SS | RE Line | 765kV Banaskantha - Chittorgarh TL | Hexa Zebra | 6 | 715.652 | | | | | | | | |
| | | 400 | | | RE Line | 400 kV Banskantha - Sankhari TL | Twin Moose | 2 | 43.41 | | | | | | | | |
| | | 765 | | | RE SLR | | | | | | | | | | | | |
| | | 765 | | | RE ICT | | | | | | | | | | | | |
| | | 765 | | | RE BR | | | | | | | | | | | | |
| 2 | | 400 | Transmission System for Ultra Mega Solar Park in Anantpur District,Andhra Pradesh-Part A (Phase-I) | LILO of 400 kV Kadapa-Kolar S/C Line at NP Kunta alongwith associated line bays and 1 no of 500 MVA ICT along with its bays at NP Kunta Sub-station | RE-Line | LILO of 400 kV Kadapa-Kolar S/C Line at NP Kunta | ACSR Moose | 2 | 19.02 | 3804 | 2019-24 | Final 19-24 | 10/5/2016 | 10/5/2016 | 360/TT/2020 | 2/18/2022 | |
| | | 400/220 | Transmission System for Ultra Mega Solar Park in Anantpur District,Andhra Pradesh-Part A (Phase-I) | 2x500 MVA transformer & 1x125 MVAR reactor alongwith associated bays at NP Kunta | RE-ICT | | | | | | | | | | | | |
| | | 400 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh-Part A (Phase-I) | ±100 MVAR STATCOM at NP Kunta Pooling Station | RE-STATCOM | | | | | | | | | | | | |
| 3 | | 400 | Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region | LILO of Vindhyachal-Jabalpur 400 kV 2nd D/C line (Ckt 3 & 4) alongwith 2 nos. ICTs, Bus reactor associated bays and 1 no. 220 kV line bays at 400/220 kV Rewa Pooling station | RE Line | LILO of Vindhyachal-Jabalpur 400 kV 2nd D/C line (Ckt 3 & 4) at 400/220 kV Rewa Pooling station | Moose | 2 | 129.024 | 3785 | 2014-19 | Final 14-19 | 06-07-2018 | 06-07-2018 | 7/TT/2018 | 5/Nov/18 | |
| 4 | | 220 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase-III) | 2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation | NC-RE | | | | | | 2019-24 | Final 19-24 | 03-07-2018 | 03-07-2018 | 185/TT/2022 | 9/Feb/23 | Set aside by APTEL vide Order dtd 15.12.2023 under APL No. 605 OF 2023 & IA No. 1783 OF 2022 & IA No. 1782 OF 2022 |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | | 220 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase-III) | 2 nos. 220 kV Line bays (Bay No 210 & 212) at NP Kunta substation | NC-RE | | | | | | 2019-24 | Final 19-24 | 03-07-2018 | 03-07-2018 | 185/TT/2022 | 9/Feb/23 | Set aside by APTEL vide Order dtd 15.12.2023 under APL No. 605 OF 2023 & IA No. 1783 OF 2022 & IA No. 1782 OF 2022 |
| 6 | | 400 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase-III) | 1 no. 500 MVA 400/220 kV Transformer along with associated bays at NP Kunta Sub-Station | NC-RE | | | | | | 2019-24 | Final 19-24 | 30-09-2018 | 30-09-2018 | 185/TT/2022 | 9/Feb/23 | Set aside by APTEL vide Order dtd 15.12.2023 under APL No. 605 OF 2023 & IA No. 1783 OF 2022 & IA No. 1782 OF 2022 |
| 7 | | 400 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) PartC | 2 nos. 500MVA, 400/220 kV ICTs along with associated bays at Bhuj Pooling Station | RE ICT | | | | | 27358 | 2019-24 | Final 19-24 | 3/20/2019 | 3/20/2019 | 42/TT/2022 | 10/12/2022 | |
| | | 400 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) PartC | 1 no. 400 kV, 125 MVAR Bus Reactor along with associated bays at Bhuj Pooling Station | RE | | | | | | | | | | | | |
| | | 765 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) PartC | 1 no. 1500 MVA, 765/400 kV ICT-1 along with associated bays at Bhuj Pooling Station | RE | | | | | | | | | | | | |
| | | 765 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) PartC | 765kV D/C Bhuj PS-Banaskantha TL with ass. Bays at both ends, 2x330 MVAR SLRs with ass. bays at both ends, 1 no. 1500 MVA, 765/400 kV ICT-2 and 1 no. 765 kV, 330 MVAR BR with ass. bays at Bhuj PS | RE Line | 765kV D/C Bhuj PS-Banaskantha TL | Hexa Zebra | 6 | 579.394 | | | | | | | | |
| | | 765 | | | RE SLR | | | | | | | | | | | | |
| | | 765 | | | RE ICT | | | | | | | | | | | | |
| | | 765 | | | RE BR | | | | | | | | | | | | |
| 8 | | 765 | Green Energy Corridor ISTS-Part-D in Northern Region | 765 kV D/C Bikaner (New)-Moga TL with 2x330 MVAR, 765 kV SLR and ass. bays at Bikaner end and 2 Nos. 330 MVAR, 765 kV SLR and ass. bays at Moga end | RE | 765 kV D/C Bikaner (New)-Moga TL | Hexa Zebra | 6 | 734.734 | 24069 | 2019-24 | Final 19-24 | 11-03-2020 | 11-03-2020 | 34/TT/2021 | 8/Mar/22 | |
| 9 | | 765 | Green Energy Corridor ISTS-Part-D in Northern Region | 765 kV D/C Ajmer (New)-Bikaner (New) TL with SLR & ass. bays at Ajmer & Bikaner; 2 Nos. 3*500 MVA ICT at Bikaner Ss, 3*110 MVAR & 1x125 MVAR BRs at Bikaner (New) Ss, LILO of one ckt. of 400 kV Badhla (RVPNL) - Bikaner (RVPNL) D/C TL at Bikaner (New) | RE | 765 kV D/C Ajmer (New)-Bikaner (New) TL | Hexa Zebra | 6 | 526 | 24474 | 2019-24 | Final 19-24 | 7/7/2019 | 7/7/2019 | 34/TT/2021 | 3/8/2022 | |
| 10 | | 400 | Transmission system for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka Phase-I | Tumkur (Pavagada) Pool-Hiriyur400 kV D/C line along with associated bays and equipment at both ends | RE-Line | Tumkur (Pavagada) Pool-Hiriyur400 kV D/C line | ACSR Moose | 2 | 218.7 | 2688 | 2019-24 | Final 19-24 | 27-09-2018 | 27-09-2018 | 653/TT/2020 | 13/Mar/22 | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | | 400 | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | LILO of one circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station | RE-Line | LILO of one circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station | Moose | 2 | 0.45 | 7645 | 2019-24 | Final 19-24 | 3/14/2018 | 3/14/2018 | 357/TT/2020 | 3/14/2022 | |
| | | 400 | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | LILO of second circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station along with associated bays and equipment | RE-Line | LILO of second circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station | Moose | 2 | 0.45 | | | | | | | | |
| | | | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | New 400/220 kV pooling station at Tumkur (Pavagada) with 1 X 500MVA 400/220 kV ICT along with associated bays & equipment | RE | | | | | | | | | | | | |
| | | | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | 1x 125 MVAR 400 kV Bus reactor and along with associated bays & equipment's at 400/220 kV Tumkur (Pavagada) pooling station | RE | | | | | | | | | | | | |
| | | 400 | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | LILO of 400 kV D/C Bellary -Tumkur (Vasantnarsapur) D/C (Quad Moose) TL at Tumkur (Pavagada) pooling station along with associated bays & equipment | RE-Line | LILO of 400 kV D/C Bellary -Tumkur (Vasantnarsapur) D/C (Quad Moose) TL at Tumkur (Pavagada) pooling station | Moose | 4 | 222.96 | | | | | | | | |
| | | | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | 1 X 500 MVA 400/220 kV ICT-I at 400/220 kV Tumkur (Pavagada) pooling station along with associated bays & equipment | RE | | | | | | | | | | | | |
| | | | Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I | 1 X 500 MVA 400/220 kV ICT-II at 400/220 kV Tumkur (Pavagada) pooling station along with associated bays & equipment | RE | | | | | | | | | | | | |
| 12 | | 400 | Transmission system for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka - Phase II (Part A) in Southern Region | 1X500 MVA 400/220 kV ICT along with associated bays at Tumkur (Pavagada) Substation | RE-ICT | | | | | 711 | 2019-24 | Final 19-24 | 31-03-2019 | 31-03-2019 | 656/TT/2020 | 21/Mar/22 | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | POWERGRID | 400 | Transmission System Associated with"Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A | (1)400 kV D/C Ajmer(N)-Aj.(RVPN)TL awab at BE(2)125 MVAR BR awab at Aj.(N)(3)ICT-I awab at Aj.(N)(4)D/C Chit.(New)Chit.(R)TL awab at BE(5)240 MVAR BR awab at Chit.(N)(6)125MVAR BR awab at Chit.(N)(7)ICT-I awab at Chit.(N)(8)ICT-II awab at Chit.(N) | RE-Line | 400 kV D/C Ajmer (New)- Ajmer (RVPN) TL | Moose | 4 | 131.23 | 16330 | 2019-24 | Final 19-24 | 2/2/2018 | 2/2/2018 | 476/TT/2020 | 3/28/2022 | |
| | | 400 | | | RE-Line | 400 kV D/C Chittorgarh (New)-Chittorgarh (RVPN) TL | Moose | 4 | 97.48 | | | | | | | | |
| | | | Transmission System Associated with"Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A | Combined Assets of(1) 765 kV, 240 MVAR BR along with associated bay at Ajmer (New) SS(2) 765/400 kV, 3X500 MVA ICT-II along with associated bays at Ajmer (New) SS | RE | | | | | | | | | | | | |
| | | 400 | Transmission System Associated with"Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A | 2 X400 kV D/C(Quad)Tirunelveli Pooling Station-Tuticorin Pooling station line along with new 400/230kV (GIS) Tirunelveli Pooling SS with 2X125MVAR 400kV BR & associated bays at 400/230kV Tuticorin Pooling station | RE-Line | 2 X 400 kV D/C (Quad) Tirunelveli Pooling Station-Tuticorin Pooling station line | Moose | 4 | 24.06 | | | | | | | | |
| 14 | | | Transmission System Associated with"Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A | 2X500MVA 400/230kV transformers along with associated bays andequipmentat new 400/230kV (GIS) Tirunelveli Pooling Sub-station | RE | | | | | 1535 | 2019-24 | Final 19-24 | 10-06-2018 | 10-06-2018 | 476/TT/2020 | 28/Mar/22 | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| 15 | | 400 | Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR | 400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 Kv line bays at Banaskanta (PG) | RE Line | 400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line | Twin Moose | 2 | 130.38 | 2026 | 2019-24 | Final 19-24 | 05-09-2020 | 05-09-2020 | 203/TT/2021 | 26/May/22 | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| 16 | | 400 | Supplementary Transmission System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR | Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS-Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays | RE | | | | | 2373 | 2019-24 | Final 19-24 | 05-09-2020 | 05-09-2020 | 74/TT/2021 | 9/Jun/22 | Breakup of Pool & Bilateral portion already given in Format II G(1) |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | | 765 | Transmission System for Solar Power Park at Bhadla in the Northern Region | a) 765 kV D/C Bhadla (PG)- Bikaner (PG) with 2x240 MVAR SLR at Bhadla (PG) Ss & 2x240 MVAR SLRs at Bikaner (PG) Ss; (b) 765/400 kV, 1500 MVA ICT-I, II & III with ass. bays at Bhadla (PG) Ss; (c) 1 no of 240 MVAR BR with ass. bays at Bhadla (PG) Ss | RE | 765 kV D/C Bhadla (PG)- Bikaner (PG) | Hexa ACSR Zebra | 6 | 338.876 | 15299 | 2019-24 | Final 19-24 | 17-10-2019 | 17-10-2019 | 9/TT/2021 | 11/Jun/22 | |
| 18 | | 400 | Transmission System for Solar Power Park at Bhadla in the Northern Region | 2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station | RE | | | | | 244 | 2019-24 | Final 19-24 | 27-09-2019 | 27-09-2019 | 9/TT/2021 | 11/Jun/22 | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| 19 | | 220 | Transmission System for Solar Power Park at Bhadla in the Northern Region | 2 numbers 220 kV line bays (205 & 206) at Badhla (POWERGRID) Sub-station | RE | | | | | 122 | 2019-24 | Final 19-24 | 07-08-2019 | 07-08-2019 | 9/TT/2021 | 11/Jun/22 | |
| 20 | | | Transmission System for Solar Power Park at Bhadla in the Northern Region | 500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Sub-station | RE | | | | | 588 | 2019-24 | Final 19-24 | 01-06-2019 | 01-06-2019 | 9/TT/2021 | 11/Jun/22 | As per APTEL Order dtd 10.08.2023 under DFR No : 541 of 2022, the CERC order under appeal is set aside to the limited extent it has been made applicable to the Appellant (ESUCRL). Accordingly the bilateral portion has been removed here. |
| 21 | | | Transmission System for Solar Power Park at Bhadla in the Northern Region | 500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Sub-station | RE | | | | | 638 | 2019-24 | Final 19-24 | 17-05-2019 | 17-05-2019 | 9/TT/2021 | 11/Jun/22 | As per APTEL Order dtd 10.08.2023 under DFR No : 541 of 2022, the CERC order under appeal is set aside to the limited extent it has been made applicable to the Appellant (ESUCRL). Accordingly the bilateral portion has been removed here. |
| 22 | | 220 | Transmission System for Solar Power Park at Bhadla in the Northern Region | 220 kV Sourya Urja line-2 Bay at Bhadla (POWERGRID) Sub-station | RE | | | | | 78 | 2019-24 | Final 19-24 | 04-05-2019 | 04-05-2019 | 9/TT/2021 | 11/Jun/22 | |
| 23 | | 400 | Transmission System for Solar Power Park at Bhadla in the Northern Region | Comb Asset(a) 400 kV D/C Bhadla (PG)-Bhadla (RVPNL) CKts 1&2 with ass. bays; (b) 400 kV,1X125 MVAR BR with ass. bays at Bhadla (PG) Ss; (c) 400 kV, 500 MVA ICT-2 with ass. bays at Bhadla (PG) Ss; (d) 220 kV, Adani Bhadla (Ps) line-1 bay at Bhadla (PG) Ss | RE | 400 kV D/C Bhadla (PG)- Bhadla (RVPNL) CKts 1&2 with ass. bays | Quad ACSR Moose | 4 | 53.084 | 2139 | 2019-24 | Final 19-24 | 29-04-2019 | 29-04-2019 | 9/TT/2021 | 11/Jun/22 | As per APTEL Order dtd 10.08.2023 under DFR No : 541 of 2022, the CERC order under appeal is set aside to the limited extent it has been made applicable to the Appellant (ESUCRL). Accordingly the bilateral portion has been removed here. |
| 24 | | 220 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II) | 4 Numbers of 220 kV line bays (Bay No. 213, 214, 219 & 220) at NP Kunta Substation | RE | | | | | 114 | 2019-24 | Final 19-24 | 03-08-2018 | 03-08-2018 | 8/TT/2023 | 7/Feb/24 | |
| 25 | | 220 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II) | 2 numbers of 220 kV line bays (Bay No. 217 & 218) at NP Kunta Sub-station | RE | | | | | 79 | 2019-24 | Final 19-24 | 26-04-2017 | 26-04-2017 | 8/TT/2023 | 7/Feb/24 | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 | | 400 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II) | Loop out Portion of LILO of Kadapa-Hindupur 400 kV D/C line (both circuits) at NP Kunta Sub-station along with associated bays | RE Line | Loop out Portion of LILO of Kadapa-Hindupur 400 kV D/C line (both circuits) at NP Kunta Sub-station | Quad Moose | 2 | 18.32 | 487 | 2019-24 | Final 19-24 | 12-10-2018 | 12-10-2018 | 8/TT/2023 | 7/Feb/24 | |
| 27 | | 400 | Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II) | Loop in Portion of LILO of Kadapa-Hindupur 400 Kv Double Circuit (D/C) line (both circuits) at NP Kunta Sub-station along with associated bays | RE Line | Loop in Portion of LILO of Kadapa-Hindupur 400 Kv Double Circuit (D/C) line (both circuits) at NP Kunta Sub-station | Quad Moose | 2 | 19.18 | 442 | 2019-24 | Final 19-24 | 04-08-2018 | 04-08-2018 | 8/TT/2023 | 7/Feb/24 | |
| 28 | | 400 kV | Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka - Phase II (Part A) in SR | 400 kV D/C Hiriyur – Mysore transmission line along with associated bays and 2X80 MVAR switchable line reactors along with associated bays at 400/220 Kv Mysore Sub-station | NC-RE | 400 kV D/C Hiriyur – Mysore transmission line | Twin ACSR Moose | 2 | 411.448 | 5576 | 2019-24 | Final 19-24 | 01-05-2020 | 01-05-2020 | 112/TT/2021 | 3/Jan/23 | |
| 29 | | 400/220 kV | Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka - Phase II (Part A) in SR | 1X500 MVA 400/220 kV ICTs along with associated bays at Tumkur (Pavagada) Sub-station | NC-RE | | | | | 626 | 2019-24 | Final 19-24 | 28-04-2019 | 28-04-2019 | 112/TT/2021 | 3/Jan/23 | |
| 30 | | 400 kV | Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka - Phase II (Part A) in SR | 1X125 MVA 400kV Bus Reactor along with associated bays at Tumkur (Pavagada) pooling Sub-station | NC-RE | | | | | 166 | 2019-24 | Final 19-24 | 03-06-2019 | 03-06-2019 | 112/TT/2021 | 3/Jan/23 | |
| 31 | | 400 | Transmission Scheme for controlling high loading and high short circuit level at Moga Sub-station in NR | The Bus splitting scheme at Moga Substation | NC-RE | | | | | 770 | 2019-24 | Final 19-24 | 10-09-2021 | 10-09-2021 | 301/TT/2022 | 15/Feb/23 | |
| 32 | | 220 | Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region. | 1 Number 220 kV Line Bay for 220 kV Rewa Pooling-Ramnagar circuit-2 line and 1 Number 220 kV Line Bay for 220 kV Rewa pooling-Barsaita Desh circuit 2 line at Rewa Pooling Station | NC-RE | | | | | 172 | 2014-19 | Final 14-19 | 25-07-2018 | 25-07-2018 | 06/TT/2020 | 24/Feb/23 | |
| 33 | | 220 | Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region. | 1 Number 220 kV Line Bay for 220 kV Rewa Pooling – Ramnagar circuit - 1 line at Rewa Pooling Station | NC-RE | | | | | 115 | 2014-19 | Final 14-19 | 16-10-2018 | 16-10-2018 | 06/TT/2020 | 24/Feb/23 | |
| 34 | | 220 | Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region. | 2 Number 220 kV line bays for 220 kV Rewa Pooling-Badwar circuit- 1 and circuit- 2 line at Rewa Pooling Station | NC-RE | | | | | 179 | 2014-19 | Final 14-19 | 22-11-2018 | 22-11-2018 | 06/TT/2020 | 24/Feb/23 | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | | 400/220 | Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region. | 1 Number 500 MVA, 400/220 kV ICT 3 along with associated 400 kV and 220 kV transformer bays at Rewa Pooling Station | NC-RE | | | | | 517 | 2014-19 | Final 14-19 | 08-02-2019 | 08-02-2019 | 06/TT/2020 | 24/Feb/23 | |
| 36 | | 400 | Additional ATS for Tumur (Pavagada) under Transmission system for Ultra Mega Solar Power Park at Tumkur (Pavgada), Karnataka-Phase II (Part B) | Tumkur (Pavagada) Pooling station-Devanahally (KPTCL) 400 kV D/C (Quad) line along with associated bays and equipment's at Tumkur (Pavagada) Pooling Station & Devanahally (KPTCL) | NC-RE | Tumkur (Pavagada) Pooling station-Devanahally (KPTCL) 400 kV D/C (Quad) line | Quad ACSR Moose | 4 | 314.84 | 8153 | 2019-24 | Final 19-24 | 01-03-2021 | 01-03-2021 | 83/TT/2022 | 31/Mar/23 | |
| 37 | | 400/220 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 no. 500 MVA 400/220 kV ICT-4 along with associated 400 Kv and 220 Kv bays at Bhuj Sub-station | NC-RE | | | | | 494 | 2019-24 | Final 19-24 | 09-10-2019 | 09-10-2019 | 110/TT/2022 | 30/Jun/23 | |
| 38 | | 400/220 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 no. 500 MVA 400/220 kV ICT5 along with associated 400 Kv & 220 Kv bays at Bhuj Sub-station | NC-RE | | | | | 467 | 2019-24 | Final 19-24 | 23-10-2019 | 23-10-2019 | 110/TT/2022 | 30/Jun/23 | |
| 39 | | 400/220 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 no. 500 MVA 400/220 kV ICT-3 along with associated 400 Kv & 220 Kv bays at Bhuj Sub-station | NC-RE | | | | | 554 | 2019-24 | Final 19-24 | 17-09-2020 | 17-09-2020 | 110/TT/2022 | 30/Jun/23 | |
| 40 | | 400/220 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 no. 500 MVA, 400/220 kV ICT-8 along with associated 400kV and 220kV transformer bays at Bhuj PS and 1 no. 1500 MVA, 765/400 kV ICT-4 along with associated 765 kV and 400 kV transformer bays at Bhuj PS | NC-RE | | | | | 2154 | 2019-24 | Final 19-24 | 02-05-2021 | 02-05-2021 | 110/TT/2022 | 30/Jun/23 | |
| 41 | | 400/220 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 no. 500 MVA, 400/220 kV ICT-7 along with associated 400 kV and 220 kV transformer bays at Bhuj PS | NC-RE | | | | | 741 | 2019-24 | Final 19-24 | 04-05-2021 | 04-05-2021 | 110/TT/2022 | 30/Jun/23 | |
| 42 | | 765/400 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 no. 1500 MVA, 765/400 kV ICT-3 along with associated 765 kV & 400 kV transformer bays at Bhuj PS and 1 No. 500 MVA, 400/220 kV ICT-6 along with associated 400 kV & 220 kV transformer bays at Bhuj PS | NC-RE | | | | | 2150 | 2019-24 | Final 19-24 | 05-05-2021 | 05-05-2021 | 110/TT/2022 | 30/Jun/23 | |
| 43 | | 400/220 kV | System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR | 1 X 500 MVA, 400/220 kV Transformer along with associated bays at Tuticorin-II (GIS) Sub-station | NC-RE | | | | | 745 | 2019-24 | Final 19-24 | 28-02-2022 | 28-02-2022 | 110/TT/2022 | 30/Jun/23 | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44 | | 220 | Extension works at POWERGRID Sub-stations for inter-connection of RE projects in the Western Region | 1 No. 220 kV GIS Line Bay at Bhuj Sub-station associated with Part-B: Extension works at Bhuj Pooling Station for interconnection of RE projects | NC-RE | | | | | 104 | 2019-24 | Final 19-24 | 29-09-2021 | 29-09-2021 | 293/TT/2022 | 29/Mar/24 | Breakup of Pool & Bilateral portion shall be given in Format II G(1) |
| 45 | | 400 | Extension works at POWERGRID Sub-stations for inter-connection of RE projects in the Western Region | Conversion of existing 2x63MVAR Line Reactors at Bhachau end of Bhachau-EPGL 400 kV D/C line to Switchable Line Reactors along with two nos. of 400 kV Reactor bays associated with Part A: PG works associated with Western Region Strengthening Scheme-21 | NC-RE | | | | | 120 | 2019-24 | Final 19-24 | 09-08-2021 | 09-08-2021 | 293/TT/2022 | 29/Mar/24 | |
| 46 | | 230 | Implementation of 1 No. 230 kV bay at Tuticorin-II GIS PS in Southern Region | 1 No. 230 kV line bay at Tuticorin-II GIS PS | NC-RE | | | | | 121 | 2019-24 | Final 19-24 | 19-08-2022 | 19-08-2022 | 67/TT/2023 | 2/Aug/24 | |
| 47 | | 400/220 | Implementation of the 1x500 MVA, 400/220 kV ICT (8th) at Bhadla Pooling Station Scheme in Northern Region | 500 MVA, 400/220 kV ICT8 along with associated 400 kV and 220 kV bays at Bhadla Sub-station | NC-RE | | | | | 748 | 2019-24 | Final 19-24 | 31-03-2023 | 31-03-2023 | 389/TT/2023 | 4/Nov/24 | |
| 48 | **POWERGRID AJMER PHAGI TRANSMISSION LIMITED** | 765 | | Ajmer(PG)-Phagi(RVPN) 765 kV D/C line | RE Line | Ajmer(PG)-Phagi(RVPN) 765 kV D/C line | Hexa Zebra | 6 | 269.6 | 7479 | - | - | - | 5/6/2021 | 398/AT/2019 | 04.03.2020 | |
| | | 765 | | 2 nos. of 765 kV line bays(AIS) at Ajmer PG-Phagi(RVPN) 765 kV D/C line | RE Line bays | | | | | | | | | 5/6/2021 | | | |
| | | 765 | | 1 no. 765 kV bay (AIS) & 1 complete GIS dia 765 kV (2 Main breaker & 1 Tie breaker) at Phagi S/s for Ajmer(PG)-Phagi (RVPN) 765 kV D/C line | RE Line bays | | | | | | | | | 5/6/2021 | | | |
| | | 765 | | 3x80 MVAR, 765 kV bus reactor with GIS bay (2nd main bay of new DIA being created for termination of 765 kV D/C line from Ajmer) at Phagi S/s. | RE Bus Reactor | | | | | | | | | 5/6/2021 | | | |
| | | 400 | | Establishment of 400 kV Pooling Station at Fatehgarh | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| | | 765 | | Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV) | Line | Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV) | | 6 | 292 | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| | | 400 | | 2 Nos. 400 kV line bays at Fatehgarh Pooling Station | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | FATEGARH-BHADLA TRANSMISSION LIMITED | 400 | | 1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay | | | | | | 6504 | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| | | 220 | | Space for future 220kV (12 Nos) Line Bays | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| | | 400 | | Space for future 400kV (8 Nos) Line Bays alongwith line reactors at at Fatehgarh Pooling Station | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| | | 400 | | Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level. | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| | | 400 | | Space for future 400kV bus reactors (2 Nos) alongwith associated bays. | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| 50 | POWERGRID FATEHGARH TRANSMISSION LIMITED | 765 | | Fatehgarh-II - Bhadhla-II 765 kV D/C Line | Line | Fatehgarh-II - Bhadhla-II 765 kV D/C Line | ACSR ZEBRA | 6 | 373.5 | 8769 | | | | 9/1/2021 | 441/AT/2019 | 05.03.2020 | |
| | | 765 | | 2 nos. of 765 kV bays each at Fatehgarh-II & Bhadhla-II S/s for Fatehgarh-II to Bhadhla-II 765 kV D/C line | Bays | | NA | NA | NA | | | | | 9/1/2021 | | | |
| | | 765 | | 240 MVAR Switchable Line Reactor with NGR of 400 ohm at Fatehgarh-II on each circuit of Fatehgarh II -Bhadhla-II 765 kV D/C Line | SLR | | NA | NA | NA | | | | | 9/1/2021 | | | |
| 51 | BIKANER-KHETRI TRANSMISSION LIMITED | 765 | | Bikaner (PG) – Khetri S/s 765kV D/c line | Line | Bikaner (PG) – Khetri S/s 765kV D/c line | Zebra | 6 | 481 | 11299 | | | | 4-Sep-21 | 344/TL/2019 | | |
| | | 765 | | 765kV Bays at Bikaner (PG) & Khetri for Bikaner (PG)-Khetri S/s 765kV D/c line. (765kV line bays-4 nos.) | | | | | | 633 | | | | 4-Sep-21 | | | |
| | | 765 | | 1x240 MVAr Switchable line reactor for each circuit at each end of Bikaner-Khetri 765kV D/c line along with reactor bays (1x240 MVAr Line reactor-4 nos., 765kV Reactor bay-4 nos.)<br>1x80 MVAR, 765 kV, 1-ph Reactor (spare unit) (For 2×240 MVAr line reactor on Bikaner-Khetri 765kV D/c line at Bikaner end) | | | | | | 962 | | | | 4-Sep-21 | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | POWERGRID KHETRI TRANSMISSION SYSTEM LIMITED | 765/400 | | 765/400 kV, 2x1500 MVA ICT along with 765 kV, 2x240 MVAR and 400 kV, 1x125 MVAR Bus reactor at Khetri Substation | | | NA | NA | NA | 3254 | | | | 10/4/2021 | 297/AT/2019 | 23.12.2019 | |
| | | 765 | | 400 kV, D/C Khetri-Sikar Transmission line | | 400 kV, D/C Khetri-Sikar Transmission line | Moose | 2 | 156.2 | 1646 | | | | 10/4/2021 | | | |
| | | 400 | | 400 kV line bays at Sikar (PG) for Khetri-Sikar (PG) 400 kV D/C line | | | NA | NA | NA | 185 | | | | 10/4/2021 | | | |
| | | 765 | | 765 kV, D/C Khetri-Jhatikara Transmission Line | | 765 kV, D/C Khetri-Jhatikara Transmission Line | ACSR ZEBRA | 6 | 292.1 | 8755 | | | | 10/4/2021 | | | |
| | | 765 | | 765 kV line bays at Jhatikara for Khetri-Jhatikara 765 kV D/C line | | | NA | NA | NA | 411 | | | | 10/4/2021 | | | |
| | | 765 | | 1x240 MVAR Switchable Line reactors for each circuit at Jhatikara end of Khetri-Jhatikara 765 kV D/C line along with reactor bays | | | NA | NA | NA | 656 | | | | 10/4/2021 | | | |
| 53 | JAM KHAMBALIYA TRANSCO LIMITED | 400kV | | Establishment of 4x500MVA, 400/220kV Jam Khambhaliya PS (GIS) | Sub-Station | | | | | 2389 | | | | 12-Apr-2022 | 47/AT/2020 | 3/24/2020 | |
| | | 400kV | | 1x125MVAr, 420kV Bus reactor at Jam Khabhaliya PS along with reactor bay | Bus Ractor | | | | | 245 | | | | | | | |
| | | 400kV | | Extension of Essar–Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS | Transmission Line | Extension of Essar–Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS | ACSR Snow Bird | Three | 37.234 | 636 | | | | | | | |
| | | 400kV | | 2 nos. of 400kV line bays at Jam Khambhaliya PS for termination of Jam Khambhaliya PS-Lakadia 400kV D/C (tripple) line | Line Bays | | | | | 294 | | | | | | | |
| | | 400kV | | 63MVAr switchable Line Reactor at both ends of Lakadia - Jam Khambhaliya 400kV D/c line along with 500 Ohms NGR on both circuits & at both ends of Lakadia – Jam Khambhalia 400 kV D/c line | Line Reactor | | | | | 473 | | | | | | | |
| | | 765 | | Lakadia PS – Banaskantha PS 765kV D/c line | Transmission Line | Lakadia PS – Banaskantha PS 765kV D/c line | Zebra | Six | 351 | 8629 | | | | | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | LAKADIA-BANASKANTHA TRANSMISSION LIMITED | 765 | | 765kV Bays at Lakadia and Banaskantha sub-stations for Lakadia PS – Banaskantha PS 765kV D/c line | Bays | | NA | NA | NA | 690 | | | | 01-Sep-2022 | 442/TL/2019 | 23.01.2020 | |
| | | 765 | | 2x240MVAr switchable Line reactor along with bays at Lakadia PS end of Lakadia PS – Banaskantha PS 765kV D/c line | Reactor | | NA | NA | NA | 709 | | | | | | | |
| 55 | POWERGRID BHUJ TRANSMISSION LIMITED | 765 | | 765 kV D/C Bhuj PS-Bhuj II (PBTL) | Transmission Line | 765 kV D/C Bhuj PS-Bhuj II (PBTL) | ACSR ZEBRA | 6 (Hexa) | 52.6 | 14412 | | | | 02.08.2022* (* To be considered in ISTS Pool from 17.10.2022) | 448/AT/2019 | 05.03.2020 | |
| | | 765 | | 330 MVAR 765 kV Bus Reactor along with associated 765 kV bay | Bus Reactor | | | | | | | | | | | | |
| | | 765/400 | | 1500 MVA, 765/400 kV ICT-2 along with associated 765 kV & 400 kV transfermer bays | ICT | | | | | | | | | | | | |
| | | 400 | | 125 MVAR 400 kV Bus Reactor along with associated 400 kV bay | Bus Reactor | | | | | | | | | | | | |
| | | 400/220 | | 500 MVA, 400/220 kV ICT-2 along with associated 400 kV & 220 kV transformer bays | ICT | | | | | | | | | | | | |
| | | 400/220 | | 500 MVA, 400/220 kV ICT-3 along with associated 400 kV & 220 kV transformer bays | ICT | | | | | | | | | | | | |
| | | 400/220 | | 500 MVA, 400/220 kV ICT-1 along with associated 400 kV & 220 kV transformer bays | ICT | | | | | | | | | | | | |
| | | 765 | | 240 MVAR 765 kV Bhuj II - Lakadia Ckt-1 Line Reactor at Bhuj II end | Line Reactor | | | | | | | | | | | | |
| | | 765 | | 240 MVAR 765 kV Bhuj II - Lakadia Ckt-2 Line Reactor at Bhuj II end | Line Reactor | | | | | | | | | | | | |
| | | 400/220 | | 500 MVA, 400/220 kV ICT-4 along with associated 400 kV & 220 kV transformer bays | ICT | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-1 | Bay | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-2 | Bay | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-3 | Bay | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-4 | Bay | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-5 | Bay | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-6 | Bay | | | | | | | | | | | | |
| | | 220 | | 220 kV line bay-7 | Bay | | | | | | | | | | | | |
| | | 765 | | 110 MVAR 765 kV Spare Bus Reactor | Bus Reactor | | | | | | | | | | | | |
| | | 765 | | 765 kV D/C Bhuj II - Lakadia Line (up to tapping point) | Transmission Line | 765 kV D/C Bhuj II - Lakadia Line (up to tapping point) | ACSR ZEBRA | 6 (Hexa) | 52.7 | | | | | | | | |
| | | 765/400 | | 1500 MVA, 765/400 kV ICT-1 along with associated 765 kV & 400 kV transformer bays | ICT | | | | | 759 | | | | 16.11.2022 | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 | **WRSS XXI (A) TRANSCO LIMITED** | 765 | | Establishment of 2x1500MVA, 765/400kV Lakadia PS with 765kV (1x330MVAR) & 420kV (1x125 MVAR) bus reactor | Sub-Station | | NA | NA | NA | 3354 | | | | 17-10-2022 | 409/TL/2019 | 27.12.2019 | |
| | | 765 | | LILO of Bhachau – EPGL 400kV D/c (triple) line at Lakadia PS | Transmission Line | LILO of Bhachau – EPGL 400kV D/c (triple) line at Lakadia PS | Zebra | Six | 79 | 931 | | | | | | | |
| | | 765 | | Bhuj PS – Lakadia PS 765kV D/c line | Transmission Line | Bhuj PS – Lakadia PS 765kV D/c line | Zebra | Six | 215 | 7482 | | | | | | | |
| | | 765 | | 2 nos of 765kV bays at Bhuj PS for Bhuj PS – Lakadia PS 765kV D/c line | Bays | | NA | NA | NA | 448 | | | | | | | |
| 57 | **LAKADIA VADODARA TRANSMISSION COMPANY LIMITED** | 765kV | | 765kV D/C Lakadia Vadodara Transmission Line | Line | | Hexa Zebra ACSR | 36 | 669.53 | 18936 | | | | 28.01.2023 | 444/AT/2019 | 05.03.2020 | |
| | | 765kV | | 330MVAr switchable line reactors at both end of Lakadia-Vadodara 765kV D/C line along with 500 OHMs NGR at Both ends of Lakadia Vadodara 765kV D/C line. | Substation | | | | | 1393 | | | | | | | |
| | | 765kV | | 2 Nos of 765kV bays each at Lakadia and Vadodara S/s for Lakadia Vadodara 765kV D/C line. | Substation | | | | | 847 | | | | | | | |
| 58 | **POWERGRID BIKANER TRANSMISSION SYSTEM LIMITED** | 400 kV | | Establishment of 400 kV switching station at Bikaner –II PS with 420kV (2x125 MVAR) bus reactor.<br>400 kV line bays – 4 numbers.<br>125 MVAr, 420 kV bus reactor - 2 numbers.<br>400 kV bus reactor bay – 2 numbers.<br>400 kV, 80MVAr line reactor on each circuit at Bikaner –II end of Bikaner -II – Khetri 400 kV 2xD/c Line – 4 numbers.<br>Switching equipment for 400 kV switchable line reactor – 4 numbers | Switching station | | | | | 16788 | | | | 24.07.2023 | 98/AT/2021 | 12.06.2021 | |
| | | 400 kV | | Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS on M/c Tower) | Line | Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS on M/c Tower) | HTLS | 2 | 1101.42 | | | | | | | | |
| | | 400 kV | | 1x80 MVAr Fixed Line reactor on each circuit at Khetri end of end of Bikaner -II – Khetri 400 kV 2xD/c Line - 4 numbers. | Fixed Line reactor | | | | | | | | | | | | |
| | | 400 kV | | 4 number of 400 kV line bays at Khetri for Bikaner –II PS – Khetri 400kV 2xD/c line | Bay | | | | | | | | | | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 400 kV | | Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) | Line | Khetri- Bhiwadi 400 kV D/c line (Twin HTLS) | HTLS | 2 | 251.31 | | | | | | | | |
| | | 400 kV | | 2 number of 400 kV line bays at Khetri for Khetri - Bhiwadi 400kV D/c line | Bay | | | | | | | | | | | | |
| | | 400 kV | | 2 number of 400 kV(GIS) line bays at Bhiwadi for Khetri- Bhiwadi 400 kV D/c line | Bay | | | | | | | | | | | | |
| | | | | STATCOM at Bikaner-II S/s ± 300 MVAr, 2x125 MVAr MSC, 1x125 MVAr MSR | STATCOM | | | | | | | | | | | | |
| 59 | KARUR TRANSMISSION LIMITED | 400kV | | Establishment of 2x500 MVA, 400/230 kV Karur Pooling Station (at a location in between Karur Wind zone and Tiruppur wind zone) | Sub-Station | | | | | 2237 | | | | 24-Sep-2023 | 103/AT/2022 | 5/17/2022 | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| | | 400kV | | LILO of both circuits of Pugalur – Pugalur (HVDC) 400 kV D/C line (with Quad Moose ACSR Conductor) at Karur PS | Transmission Line | LILO of both circuits of Pugalur – Pugalur (HVDC) 400 kV D/C line (with Quad Moose ACSR Conductor) at Karur PS | ACSR Quad Moose | | 8.51 | | | | | | | | |
| | | 400kV | | 2x125 MVAr, 400 kV Bus reactors at Karur PS | Bus Reactor | | | | | | | | | | | | |
| 60 | KOPPAL-NARENDRA TRANSMISSION LIMITED | 400 | | 400 KV D/C Quad Moose Koppal PS – Narendra (New) Transmission Line | Transmission Line | | ACSR Moose | 4 | 275.618 | 1758 | | | | 10/20/2023 | 283/AT/2021 | 25.02.2022 | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| | | 400/220 | | 400/220 kV Koppal Pooling Station<br><br>**400kV**<br>•ICT: 3x500MVA, 400/220kV<br>•ICT bay: 3 nos.<br>•Line bay: 2 nos.<br>•Bus Reactor bay: 2 nos.<br>**220kV**<br>•ICT bay: 3 nos<br>•Line bay: 5 nos.<br>•Bus coupler bay: 1 no.<br>•Transfer Bus coupler bay: 1 no. | Substation | | - | - | - | 4178 | | | | | | | |
| | | 400 | | 2x125 MVAr, 420 kV bus reactor at Koppal Pooling station | Substation | | - | - | - | 638 | | | | | | | |
| | | 400 | | - 400 kV GIS Line bay at Narendra (New): 2 nos.<br>- 400 kV GIS Bay for future 765/400kV Transformer: 2 nos.<br>- 400 kV Auxiliary GIS bay module for switching of future 765/400 kV Transformer: 1 no. | Substation | | - | - | - | 160 | | | | | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 400/220 | | 400/220 kV Koppal Pooling Station (Ph-II)<br><br>400kV<br>•ICT: 2x500MVA, 400/220kV<br>•ICT bay: 2 nos.<br>220kV<br>•ICT bay: 2 nos<br>•Line bay: 4 nos.<br>•Bus sectionalizer bay: 2 no.<br>•Bus coupler bay: 1 no.<br>•Transfer Bus coupler bay: 1 no. | Substation | | | | | 985 | | | | 27-Jan-24 | 283/AT/2021 | 25.02.2022 | |
| 61 | POWERGRID RAMGARH TRANSMISSION LIMITED | 400 | | 400kV D/C Fatehgarh III (Ramgarh-II) - Fatehgarh II Ckt # 1,2 | Line | 400kV D/C Fatehgarh III (Ramgarh-II) - Fatehgarh II Ckt # 1,2 | TWIN HTLS ACSS | 2 Nos per phase | 88.272 | 4641 | | C | | 00:00 HRS, 24.12.2023 | 90/AT/2021 | 5/5/2021 | The said tr. System is considered as ATS of various generators, granted connectivity at Fatehgarh-III (PS). Details were attached at Format II G(1). |
| | | 400 | | 400kV D/C Fatehgarh III (Ramgarh-II) - Jaisalmer II Ckt # 1,2 | Line | 400kV D/C Fatehgarh III (Ramgarh-II) - Jaisalmer II Ckt # 1,2 | TWIN HTLS ACSS | 2 Nos per phase | 99.848 | | | | | | | | |
| | | 400/220 | | Establishment of 400/220 kV, 4x500 MVA at Ramgarh-II (Fatehgarh-III) PS with 420 kV (2x125 MVAR) bus reactor<br>400/220 kV, 500 MVA ICT- 4<br>400 kV ICT bays – 4<br>220 kV ICT bays – 4<br>400 kV Line bays – 4<br>220 kV line bays – 7<br>125 MVAr, 420 kV bus reactor – 2<br>420 kV reactor bay – 2 | Substation | | | | | | | | | | | |
| | | 400 | | 400 kV Line Bays at Fatehgarh-II S/s -2 Nos. (for 400 kV Ramgarh-II (Fatehgarh-3)- Fatehgarh-II D/c lines) | Line Bays | | | | | | | | | | | | |
| | | 400 | | 400 kV Line Bays at Jaisalmer-II S/s -2 Nos. (for 400 kV Jaisalmer-II-Ramgarh-II (Fatehgarh-3) D/c lines) | Line Bays | | | | | | | | | | | | |
| 62 | KHAVDA-BHUJ TRANSMISSION LIMITED | 765kV | | Establishment of 3X1500 MVA 765/400 kV Khavda (GIS) with 1X330 MVAR 765 kV bus reactor and 1X125 MVAR 420 kV bus reactor | Sub-Station | | | | | 12719 | | C | | 21-Feb-2024 | 101/AT/2022 | 5/10/2022 | |
| | | 765kV | | Khavda PS (GIS) – Bhuj PS 765 kV D/c line | Transmission Line | Khavda PS (GIS) – Bhuj PS 765 kV D/c line | Al 59 | Six | 216.86 | | | | | | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 765kV | | 2 nos. of line bays each at Bhuj PS for termination of Khavda PS (GIS) – Bhuj PS 765 kV D/c | Bay Extension | | | | | | | | | | | | |
| 63 | RAJGARH TRANSMISSION LIMITED | 400 kV | | Establishment of 400/220 kV, 3x500 MVA at Pachora SEZ PP with 420 kV (125 MVAR) bus reactor | SS | | | | | 1377 | | C | | 2-Apr-24 | Petition No. 170/AT/2022 | 08.08.2022 | |
| | | 400 kV | | Pachora SEZ PP -Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS) (with minimum capacity of 2100 MVA/ckt at nominal voltage) along with 80MVAr switchable line reactors | TL | Pachora SEZ PP - Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS) (with minimum capacity of 2100 MVA/ckt at nominal voltage) along with 80MVAr switchable line reactors | HTLS | Twin | 287.95 | 3507 | | C | | 2-Apr-24 | Petition No. 170/AT/2022 | 08.08.2022 | |
| | | 400 kV | | 2 no. of 400 kV line bays at Bhopal (Sterlite) for Pachora SEZ PP-Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS) | Bays | | | | | 167 | | C | | 2-Apr-24 | Petition No. 170/AT/2022 | 08.08.2022 | |
| 64 | POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED | 400/220 | | Establishment of 2x500 MVA, 400/220 kV Pooling Station (AIS) at Neemuch with 1x125 MVAr Bus Reactor<br>400/220 kV, 500 MVA ICT –2 nos.<br>400 kV ICT bays – 2 nos.<br>220 kV ICT bays – 2 nos.<br>400 kV line bays –4 nos. (2 each for Chittorgarh & Mandsaur lines)<br>220 kV line bays – (2 nos. of bays corresponding to 500 MW Connectivity / LTA granted to M/s RUMSL)<br>220kV Bus coupler bay- 1 no.#<br>220kV Transfer Bus Coupler (TBC) bay - 1 no.#<br>125 MVAR, 420 kV reactor-1 no.<br>420 kV reactor bay – 1 no.<br>Future provisions:<br>Space for<br>400/220 kV ICTs along with bays: 2 nos.<br>400 kV line bays: 6 nos.<br>220 kV line bays: 5 nos.<br>420kV bus reactor along with bays:1 | | | | | | 1789 | | C | | 00:00 HRS, 24.04.2024 | 248/AT/2022 | 09.12.2022 | |
| | | 400 | | Neemuch PS – Chhittorgarh (PG) s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | | Neemuch PS – Chhittorgarh (PG) s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | AL59 Moose | Quadruple | 232.4 | 2872 | | | | | 248/AT/2022 | 09.12.2022 | |
| | | 400 | | 2 nos. of 400 kV line bays at Chhittorgarh (PG) 400 kV s/s for Neemuch PS – Chhittorgarh (PG) s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | | | | | | 262 | | | | | 248/AT/2022 | 09.12.2022 | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 400 | | Neemuch PS- Mandsaur s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | | Neemuch PS- Mandsaur s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | AL59 Moose | Quadruple | 236.418 | 2651 | | | | | 248/AT/2022 | 09.12.2022 | |
| | | 400 | | 2 no. of 400 kV line bays at Mandsaur 400 kV s/s for Neemuch PS-Mandsaur s/s 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | | | | | | 262 | | | | | 248/AT/2022 | 09.12.2022 | |
| 65 | **POWERGRID Bhadla Transmission Limited** | 765 kV | | Fatehgarh-II PS - Bhadla-II PS 765 kV D/C line (2nd) | | Fatehgarh-II PS - Bhadla-II PS 765 kV D/C line (2nd) | AL59 Zebra | 6 | 404.46 | 8663 | | | | 18.08.2024 | 222/AT/2022 | 12.11.2022 | |
| | | 765 kV | | 2 no. of 765 kV line bays each at Fatehgarh-II and Bhadla-II for Fatehgarh-II PS - Bhadla-II PS 765 kV D/C line (2nd) | | | | | | | | | | | | | |
| | | 765 kV | | 1x240 MVAr Switchable Line Reactor for each circuit at each end of Fatehgarh II - Bhadla- II 765kV D/C line (2nd)<br>240 MVAr, 765 kV reactor -4 (2 reactors each at Fatehgarh-II & Bhadla-II)<br>Switching equipment for 765 kV reactor -4 (2 switching equipments each at Fatehgarh -II & Bhadla -II)<br>(1x80 MVAr Spare* reactor each at Fatehgarh-II and Bhadla-II to be used as spare for Fatehgarh-II - Bhadla-II 765 kV D/C line (2nd)<br>* not under the present scope | | | | | | | | | | | | | |
| 66 | **Gadag Transmission Limited** | 400 | | Gadag PS - Narendra (New) PS 400 kV (high capacity equivalent to quad moose) D/c line (Twin HTLS Line) | | Gadag PS - Narendra (New) PS 400 kV (high capacity equivalent to quad moose) D/c line (Twin HTLS Line) | ACSS Twin HTLS | 2 | 187.018 | 3644 | | | | 4-Sep-24 | 106/AT/2022 | 08.06.2022 | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| | | 400/220 | | 400/220 kV, 2x500 MVA Gadag Pooling Station with 400 kV (1X125 MVAR) bus reactor<br>- 400/220 kV, 500 MVA ICT – 2 nos.<br>- 400 kV ICT bays – 2 nos.<br>- 220 kV ICT bays – 2 nos.<br>- 400 kV line bays – 2 nos.<br>- 220 kV line bays – 4 nos.<br>- 125 MVAr, 420 kV reactor – 1 no.<br>- 420 kV reactor bay – 1 no.<br>- 220 kV bus coupler (BC) bay -1 no.<br>- 220 kV transfer bus coupler (TBC) bay- 1 no. | | | - | - | - | | | | | | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 400 | | 400 kV GIS line bays at Narendra (new) for Gadag PS-Narendra (New) PS 400 kV D/c Line<br><br>400 kV GIS line bays – 2 nos. | | | - | - | - | | | | | | | | |
| 67 | **POWERGRID Aligarh Sikar Transmission Limited** | 765kV | | Sikar-II - Aligarh 765 kV D/C line | | Sikar-II - Aligarh 765 kV D/C line | AL 59 ZEBRA | HEXA | 513.72 | 11870 | | | | 10.10.2024 | 51/AT/2022 | 06.05.2022 | |
| | | 765kV | | 2 no. of 765 kV line bays at Sikar-II for Sikar-II - Aligarh (GIS) 765 kV D/C line<br>765 kV line bays - 2*(Sikar-II S/s) | | | | | | | | | | | | | |
| | | 765kV | | 1x330 MVAr Switchable line reactor for each circuit at each end of Sikar-II - Aligarh (GIS) 765 kV D/C line<br>330 MVAr, 765 kV reactor-4 (2 reactors each at Sikar -II and Aligarh)<br>Switching equipment for 765 kV reactor-4 (2 switching equipment each at Sikar -II and Aligarh)<br>110 MVAR, 765 kV, 1 ph Reactor (spare unit) at Aligarh-I | | | | | | | | | | | | |
| 68 | **POWERGRID Sikar** | 765/400 | | 1) Establishment of 765/400 kV, 2x1500 MVA at Sikar – II with 400kV (1x125 MVAR) and 765 kV (2x330 MVAr) bus reactor:<br>765/400 kV, 1500 MVA ICT – 2<br>765/400 kV, 500 MVA spare single-phase ICT-1<br>765 kV ICT bays – 2<br>400 kV ICT bays – 2<br>765 kV line bays –2<br>400 kV line bays- 2<br>125 MVAr, 420 kV bus reactor-1<br>420 kV reactor bay –1<br>330 MVAr, 765 kV bus reactor- 2 (6x110 MVAR)<br>765 kV reactor bay- 2<br>110 MVAR, 765 kV, 1 ph Reactor (spare unit) -1<br>(common spare unit for banks of Bus Reactor & Line Reactor)<br><br>Future Provision Space for:<br>765/400kV ICT along with bays-2<br>765kV line bays along with switchable line reactors- 10<br>400kV line bays along with switchable line reactor- 6<br>400kV bus reactor- 2 | | | | | | | 19455 | | | | 19.12.2024 | 49/AT/20 | 04.05.2022 | |
| | | 765 | | 2) Bhadla-II PS – Sikar-II 765kV D/c line | Line | 2) Bhadla-II PS – Sikar-II 765kV D/c line | Al 59 Zebra | 6 | 618 | | | | | | | | |
| | | 765 | | 3) 2 no. of 765 kV line bays at Bhadla- II for Bhadla-II PS – Sikar-II 765kV D/c line:<br>765 kV line bays –2 | | | | | | | | | | | | | |

| S.No. | Name of the ISTS Licensee | Voltage level | Project Name | Asset name | Equipment type | Line name | Type of Conductor | No. of sub-Conductors | Line Length (ckt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Transmission Limited** | 765 | | 4) 1x330 MVAr switchable line reactor for each circuit at Sikar-II end of Bhadla-II PS – Sikar-II 765kV D/c line. 330MVAr, 765 kV reactor-2 Switching equipment for 765 kV reactor – 2 | | | | | | | | | | | 22 | | |
| | | 765 | | 5) 1x240MVAr switchable line reactor for each circuit at Bhadla-II end of Bhadla-II PS – Sikar-II 765kV D/c line 240 MVAr, 765 kV reactor-2 Switching equipment for 765 kV reactor – 2 | | | | | | | | | | | | | |
| | | 400 | | 6) Sikar-II – Neemrana 400kV D/c line (Twin HTLS) | Line | 6) Sikar-II – Neemrana 400kV D/c line (Twin HTLS) | HTLS (ACSS) | 2 | 167 | | | | | | | | |
| | | 400 | | 7) 2 no. of 400 kV line bays at Neemrana for Sikar-II – Neemrana 400kV D/c line (Twin HTLS) | | | | | | | | | | | | | |
| | | | | | | | | | | **418268** | | | | | | | |