



सत्यमेव जयते

भारत सरकार

Government Of India

विद्युत मंत्रालय

Ministry Of Power

पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee

14 Golf Club Road, Tollygunje-70033 Website: www.erpc.gov.in

No. ERPC/COM-I/RTA/2024-25/742

Date: 29.07.2024

To: As per list/संलग्नसूचीकेअनुसार

Sub: Regional Transmission Account (RTA) for the billing month of August'2024.

विषय: अगस्त 2024 के बिलिंग माह के लिए क्षेत्रीय ट्रांसमिशन खाता (आरटीए)।

Ref:

1. CERC order No. L-1/250/2019/CERC dated 04.05.2020 and amendments thereof.
2. NLDC notification no. TC/07/2024 dated 25.07.2024.

Sir,

The RTA for the **billing month of August-2024** is issued based on the CERC (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 & subsequent amendments and NLDC's notification of transmission charges.

अगस्त-2024 के बिलिंग महीने के लिए आरटीए सीईआरसी (अंतर-राज्यीय ट्रांसमिशन शुल्क और घाटे का साझाकरण), विनियम 2020 और उसके बाद के संशोधनों और एनएलडीसी की ट्रांसमिशन शुल्क की अधिसूचना के आधार पर जारी किया गया है।

Constituents are requested to **intimate any discrepancy / error within two months** from the date of issue of this RTA. In case of any discrepancy/error, the provisional RTA would be revised based on re-examination, final decision and confirmation. In case no communication is received from any of the constituent's indicating mistakes / discrepancy, the provisional RTA as issued, would be treated as final. This issues with the approval of Member Secretary.

घटको से अनुरोध किया जाता है कि आरटीए के जारी होने की तारीख के दो महीने के भीतर किसी भी विसंगति / त्रुटि की सूचना दे। अस्थायी आरटीए को किसी भी विसंगति / त्रुटि के स्थिति में, पुनःपरीक्षण, अंतिम निर्णय एवं पुष्टि के आधार पर संशोधित किया जाएगा। यदि संघ के सदस्यों से किसी भी दोष/विसंगति की सूचना प्राप्त नहीं होता है, तो जारी किए गए आरटीए को अंतिम माना जाएगा। यह सदस्य सचिव के अनुमोदन से जारी होता है।

भवदीय/Yours faithfully

(पी.के. दे /P. K. De)

अधीक्षण अभियंता/ Superintending Engineer

Encl.: As above/ अनुलग्न: उपरोक्त के अनुसार।

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- 22) President (Power), APNRL, Crescent Tower, 3rd Floor, 229, A.J.C. Bose Road, Kolkata 700 020.
- 23) Chief General Manager, CTUIL, First Floor, Saudamini, Plot No.– 2, Sector– 29 Near IFFCO Chowk, Gurgaon – 122001.

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Transmission Charges for Designated ISTS Customers (DICs) for the billing month of August,2024

| S.No. | Zone | Region | GNA (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) | Total Transmission charges payable in ₹ Cr |
|-------|--|--------|----------------|---|-------------------------------------|------------------------|-----------|------------------------------|----------------------------------|-----------------------|--|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | | |
| 1 | West Bengal | ER | 3540 | 284232766 | 524206262 | 92258348 | 85454411 | 75398312 | 55519502 | | 1117069602 | 111.71 |
| 2 | Odisha | ER | 2157 | 228471628 | 319410426 | 56215044 | 52069255 | 45941853 | 66012887 | | 768121093 | 76.81 |
| 3 | Bihar | ER | 4847 | 292832982 | 717747953 | 126320964 | 117004952 | 103236050 | 169910912 | | 1527053814 | 152.71 |
| 4 | Jharkhand | ER | 1580 | 44507027 | 233967767 | 41177455 | 38140669 | 33652354 | 56540085 | | 447985357 | 44.80 |
| 5 | Sikkim | ER | 111 | 1189263 | 16436976 | 2892847 | 2679503 | 2364184 | 2628486 | | 28191259 | 2.82 |
| 6 | DVC | ER | 956 | 37632305 | 141565307 | 24914966 | 23077519 | 20361804 | 9633951 | | 257185852 | 25.72 |
| 7 | Bangladesh | ER | 982 | 22777437 | 145415410 | 25592570 | 23705150 | 20915577 | | | 238406144 | 23.84 |
| 8 | Railways-ER-ISTS-Bihar | ER | 20 | 135979 | 2961617 | 521234 | 482793 | 425979 | | | 4527602 | 0.45 |
| 9 | PG-HVDC-ER | ER | 2 | 85229 | 296162 | 52123 | 48279 | 42598 | | | 524391 | 0.05 |
| 10 | NTPC, North Karanpura STPP, Jharkhand | ER | | | | | | | | 4210982 | 4210982 | 0.42 |

Transmission Charges to be paid by DICs under Regulation 13(7)

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 | IBEUL | ER | Sundargarh | 350 | 339.6 | 20-07-2016 | 31-03-2024 | 10.4 | 31200 | |
| 2 | NTPC Limited (Barh-I) | ER | At generation switchyard | 1320 | 660 | Unit-2: 01-08- 2023 Unit-3: Yet to be commissioned | 30.06.2024 | 660 | 66,000 | As Deemed GNA for 1320 MW made effective w.e.f. 30.06.2024. Charges computed for 1 day corresponding to delayed 660 MW capacity. |



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

Notification of Transmission charges payable by DICs for Billing Month of August, 2024

No: TC/07/2024

Date: 25.07.2024

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 **60th time block (14:45 Hrs to 15:00 Hrs) on 01st June, 2024** as a peak block for the billing period of June'24 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 17.07.2024 with last date of submission of comments as 19.07.2024.
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 15.07.2024 for review and comments by DICs/ States in line with the notified procedures latest by 18.07.2024.
7. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.
8. 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.

9. 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.

10. 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:*

$$\text{Waiver (\%)} = 100 \times \frac{\sum_{n=1}^T \frac{SDRTG}{SDTTG}}{T}$$

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:

$$\text{Waiver (\%)} = 100 \times (\text{sum of SDRG for all time blocks in the month}) / (\text{total number of time blocks in the month} \times 0.3 \times \text{T-GNARE})$$

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.

11. Accordingly, the transmission charges are hereby notified for the billing month of August'24 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 August'24 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of August'24 considering details of GNA enclosed along with this notification.
 - d) The notified waiver % of Drawee DICs for the billing month of August'24 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 GNAsh and GNAd is given at Annexure-IX.
- n) Details of commercial data of RE transmission network to be considered for NC-RE component as furnished by CTU is given at Annexure-X.

सुभेन्दु मुखर्जी
(सुभेन्दु मुखर्जी)
उप-महाप्रबंधक / रा. भा. प्रे. के.

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 30.06.2024. Rajgarh Transmission Limited and Koppal-Narendra Transmission Limited have submitted its YTC on 01.07.2024. IndiGrid and Torrent Power Grid Ltd. have submitted its YTC on 09.07.2024. Further, IndiGrid submitted YTC of NER-II Transmission Limited on 16.07.2024. Damodar Valley Corporation has submitted its YTC on 23.07.2024. 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 June'24

| 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 |
| 16 | Khavda-Bhuj Transmission Limited |
| 17 | Essar Power Transmission Company Limited |
| 18 | Essar Transco Limited |
| 19 | Jindal Power Limited |

| Sl. No. | Name of ISTS Licensee |
|----------------|---|
| 20 | Parbati Koldam Transmission Company Limited |
| 21 | Bhopal Dhule Transmission Company Ltd. |
| 22 | East North Interconnection Company Limited |
| 23 | Gurgaon Palwal Transmission Limited |
| 24 | Jabalpur Transmission Company Limited |
| 25 | Maheshwaram Transmission Limited |
| 26 | Khargone Transmission Company Ltd. |
| 27 | Goa Tamnar Transmission Projects Limited |
| 28 | Mumbai Urja Marg Limited |
| 29 | Lakadia Vadodara Transmission Company Limited |
| 30 | NRSS-XXIX Transmission Limited |
| 31 | Odisha Generation Phase-II Transmission Limited |
| 32 | Patran Transmission Company Limited |
| 33 | Purulia & Kharagpur Transmission Company Limited |
| 34 | Rapp Transmission Company Limited |
| 35 | NER-II Transmission Limited |
| 36 | Torrent Power Grid Limited |
| 37 | Darbhangha-Motihari Transmission Company Limited |
| 38 | NRSS XXXI (B) Transmission Limited |
| 39 | Kohima Mariani Transmission Limited |
| 40 | Raichur Sholapur Transmission Company Private Limited |
| 41 | Koppal-Narendra Transmission Limited |
| 42 | Damodar Valley Corporation |
| 43 | NRSS XXXVI Transmission Limited |
| 44 | Warora-Kurnool Transmission Limited |
| 45 | Rajgarh Transmission Limited |

| Sl. No. | Name of ISTS Licensee |
|----------------|---|
| 46 | Powergrid Vizag Transmission Limited |
| 47 | Powergrid NM Transmission Limited |
| 48 | Powergrid Unchahar Transmission Limited |
| 49 | Powergrid Parli Transmission Limited |
| 50 | Powergrid Kala Amb Transmission Limited |
| 51 | Powergrid Southern Interconnector Transmission System Limited |
| 52 | Powergrid Jabalpur Transmission Limited |
| 53 | Powergrid Warora Transmission Limited |
| 54 | Powergrid Medinipur Jeerat Transmission Limited |
| 55 | Powergrid Mithilanchal Transmission Limited |
| 56 | Powergrid Ajmer Phagi Transmission Limited |
| 57 | Powergrid Varanasi Transmissoin System Limited |
| 58 | Powergrid Fatehgarh Transmission Limited |
| 59 | Powergrid Khetri Transmission System Ltd. |
| 60 | Powergrid Bhuj Transmission Limited |
| 61 | Powergrid Bikaner Transmission System Limited |
| 62 | Powergrid Ramgarh Transmission Limited |
| 63 | Powergrid Neemuch Transmission System Limited |
| 64 | North East Transmission Company Limited |
| 65 | Transmission Corporation Of Andhra Pradesh (APTRANSCO) |
| 66 | Power Transmission Corporation Of Uttarakhand Ltd. |
| 67 | Haryana Vidyut Prasaran Nigam Limited |

2. 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 7 days after the end of the billing period i.e. by 07.07.2024. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 01.07.2024. CTU have submitted data in formats II(A), II(B), II(C), II(D), II(E), II(F), II-(G1) to II-(G5) and II(H) on 17.07.2024.

3. 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 07.07.2024 is as mentioned below:

| S.NO. | WR | SR | NR | NER | ER |
|-------|-------------------|--|------------------|-----------|----|
| 1 | Chattisgarh | Andhra Pradesh | Uttar Pradesh | Assam | |
| 2 | Gujarat | Telangana | Haryana | Manipur | |
| 3 | MP | Karnataka | Himachal Pradesh | Meghalaya | |
| 4 | Maharashtra | Kerala | Delhi | Nagaland | |
| 5 | Goa | Tamil Nadu | Rajasthan | Tripura | |
| 6 | D&D and DNH | Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6) | Punjab | | |
| 7 | AMNSIL-Hazira | PVG ADYAH | | | |
| 8 | ACBIL | PVG Azure Earth | | | |
| 9 | Spectrum Power | Ayana NP Kunta | | | |
| 10 | Maruti Coal Power | ANP AZURE | | | |
| 11 | BALCO | PVG AMPLUS Tumkur and PVG AMPLUS Pavagada | | | |
| 12 | CGPL | Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park) | | | |
| 13 | DB Power Ltd. | Yarrow Infra Structure Private Ltd. (Pavagada Solar Park) | | | |
| 14 | DGEN | NTPC Ettayapuram | | | |
| 15 | Dhariwal | | | | |
| 16 | GMR Warora (EMCO) | | | | |
| 17 | Raipur Energen | | | | |

| S.NO. | WR | SR | NR | NER | ER |
|--------------|----------------------------------|-----------|-----------|------------|-----------|
| 18 | Jindal Stg-1 | | | | |
| 19 | JPL Stg-2 | | | | |
| 20 | Jhabua Power | | | | |
| 21 | JP Nigrie | | | | |
| 22 | KAPS 1&2 | | | | |
| 23 | KAPS 3&4 | | | | |
| 24 | Raigarh Energy | | | | |
| 25 | KSK Mahanadi | | | | |
| 26 | LANCO | | | | |
| 27 | MB Power | | | | |
| 28 | Essar Mahan | | | | |
| 29 | NSPCL Bhilai | | | | |
| 30 | Ratnagiri Dabhol(RGPPL) | | | | |
| 31 | RKM Power | | | | |
| 32 | Sasan UMPP | | | | |
| 33 | SKS Power | | | | |
| 34 | SSP | | | | |
| 35 | TAPS (3,4) | | | | |
| 36 | TRN Energy | | | | |
| 37 | TAPS (1,2) | | | | |
| 38 | Naranpar Ostro | | | | |
| 39 | ACME RUMS | | | | |
| 40 | Mahindra Renewables Pvt. Ltd. | | | | |
| 41 | Bhuvad Renew | | | | |
| 42 | Vadwa Green Infra | | | | |
| 43 | Roha Green infra | | | | |

| S.NO. | WR | SR | NR | NER | ER |
|--------------|--------------------|-----------|-----------|------------|-----------|
| 44 | Dayapar Inox | | | | |
| 45 | Ratadiya AGEMPL | | | | |
| 46 | Alfanar wind | | | | |
| 47 | Renew AP2 Gadhsisa | | | | |
| 48 | Avikiran | | | | |
| 49 | Powerica | | | | |
| 50 | SESPL Morjar | | | | |
| 51 | SKRPL | | | | |
| 52 | SBESS | | | | |
| 53 | Netra Wind | | | | |
| 54 | AWEK4L | | | | |
| 55 | Apraava | | | | |
| 56 | SRSSFPL | | | | |
| 57 | MSEPL | | | | |
| 58 | Torrent Sidhpur | | | | |

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 June'24.
- 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 June'24. For the ISTS licensees who have not submitted YTC data for June'24, the YTC data recently available with reference to the previous computations have been considered.

- B. All ISTS transmission assets commissioned by the end of June'24 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 Vindhychal-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 Vindhychal-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 June'24.
- 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:
- 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.
 - The indicative cost level of 400 kV Quad Bersimis D/C has been considered to be same as 400 kV Quad Moose D/C.
 - The indicative cost level of 765 kV Hexa zebra has been considered to be same as 765 kV Quad Bersimis.
 - 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.
 - 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

- 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.
- 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.

Transmission Charges for Designated ISTS Customers (DICs) for the billing month of August,2024

| S.No. | Zone | Region | GNA (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 | 309,489,485 | 712,268,961 | 125,356,682 | 116,111,784 | 213,519,097 | 58,558,498 | | 1,535,304,507 |
| 2 | UP | NR | 9,953 | 1,145,719,408 | 1,473,848,850 | 259,391,904 | 240,262,077 | 441,820,284 | 137,298,310 | | 3,698,340,833 |
| 3 | Punjab | NR | 5,497 | 470,274,534 | 814,000,515 | 143,261,056 | 132,695,734 | 244,015,483 | 108,131,171 | | 1,912,378,493 |
| 4 | Haryana | NR | 5,143 | 515,711,966 | 761,579,889 | 134,035,222 | 124,150,292 | 228,301,188 | 206,592,281 | | 1,970,370,838 |
| 5 | Chandigarh | NR | 342 | 13,928,560 | 50,643,656 | 8,913,095 | 8,255,765 | 15,181,607 | 3,157,286 | | 100,079,969 |
| 6 | Rajasthan | NR | 5,689 | 406,848,948 | 842,432,041 | 148,264,899 | 137,330,549 | 252,538,491 | 90,857,480 | | 1,878,272,408 |
| 7 | HP | NR | 1,130 | 28,012,504 | 167,331,378 | 29,449,699 | 27,277,820 | 50,161,451 | 35,634,628 | | 337,867,480 |
| 8 | J&K | NR | 1,977 | 62,135,967 | 292,755,870 | 51,523,942 | 47,724,116 | 87,760,344 | 54,161,638 | | 596,061,877 |
| 9 | Uttarakhand | NR | 1,402 | 127,147,538 | 207,609,373 | 36,538,476 | 33,843,809 | 62,235,712 | 32,025,251 | | 499,400,159 |
| 10 | Railways-NR-ISTS-UP | NR | 130 | 3,474,980 | 19,250,512 | 3,388,018 | 3,138,156 | 5,770,786 | | | 35,022,454 |
| 11 | PG-HVDC-NR | NR | 8 | 609,132 | 1,184,647 | 208,493 | 193,117 | 355,125 | | | 2,550,515 |
| 12 | Northern Railways | NR | | | | | | | 2,758,931 | | 2,758,931 |
| 13 | North Central Railways | NR | | | | | | | 2,015,110 | | 2,015,110 |
| 14 | RAPP 7&8, NPCIL | NR | | | | | | | | 31,547,014 | 31,547,014 |
| 15 | Adani Renewable Energy Park Rajasthan Limited | NR | | | | | | | | 19,091 | 19,091 |
| 16 | ACME Solar Holdings Pvt. Ltd | NR | | | | | | | | 2,558,329 | 2,558,329 |
| 17 | THDC India Ltd. | NR | | | | | | | | 41,779,973 | 41,779,973 |
| 18 | ReNew Surya Vihan Pvt. Ltd. | NR | | | | | | | | 1,937,025 | 1,937,025 |
| 19 | Renew Surya Roshni Pvt. Ltd. | NR | | | | | | | | 7,633,521 | 7,633,521 |
| 20 | Adani Renewable Energy Holding Seventeen Pvt. Ltd. | NR | | | | | | | | 11,622,148 | 11,622,148 |
| 21 | ReNew Surya Aayan Pvt. Ltd. | NR | | | | | | | | 5,811,074 | 5,811,074 |

| S.No. | Zone | Region | GNA (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 | | |
| 22 | Gujarat | WR | 12,598 | 473,235,379 | 1,865,498,552 | 328,320,791 | 304,107,545 | 133,124,439 | 78,957,090 | 1,291,459 | 3,184,535,255 |
| 23 | Madhya Pradesh | WR | 10,587 | 542,816,371 | 1,567,755,812 | 275,919,179 | 255,570,486 | 111,877,124 | 149,065,047 | | 2,903,004,019 |
| 24 | Maharashtra | WR | 9,410 | 1,073,584,637 | 1,393,408,363 | 245,234,678 | 227,148,928 | 99,435,460 | 82,039,365 | | 3,120,851,431 |
| 25 | Chhattisgarh | WR | 3,276 | 76,619,152 | 485,112,914 | 85,378,065 | 79,081,540 | 34,618,298 | 22,075,983 | | 782,885,951 |
| 26 | Goa | WR | 673 | 50,400,531 | 99,658,422 | 17,539,511 | 16,245,994 | 7,111,757 | 11,560,905 | | 202,517,120 |
| 27 | DNHDDPDCL | WR | 1,206 | 101,775,952 | 178,585,523 | 31,430,386 | 29,112,435 | 12,744,099 | 37,008,261 | | 390,656,656 |
| 28 | ArcelorMittal Nippon Steel India Ltd (formerly Essar Steel) | WR | 563 | 18,403,494 | 83,369,527 | 14,672,726 | 13,590,631 | 5,949,360 | 8,521,798 | | 144,507,535 |
| 29 | PG-HVDC-WR | WR | 5 | 76,910 | 740,404 | 130,308 | 120,698 | 52,836 | | | 1,121,157 |
| 30 | BARC | WR | 5 | 235,471 | 740,404 | 130,308 | 120,698 | 52,836 | | | 1,279,719 |
| 31 | Adani Power Limited | WR | | | | | | | | 253,489,742 | 253,489,742 |
| 32 | Mahan Energen Limited (formerly Essar Power M.P. Ltd) | WR | | | | | | | | 48,946,521 | 48,946,521 |
| 33 | Netra Wind Private Limited | WR | | | | | | | | 267,487 | 267,487 |
| 34 | Andhra Pradesh | SR | 4,199 | 345,423,795 | 621,791,552 | 109,432,995 | 101,362,450 | 200,817,945 | 42,832,077 | | 1,421,660,815 |
| 35 | Telangana | SR | 5,801 | 260,331,155 | 859,017,098 | 151,183,807 | 140,034,191 | 277,433,889 | 36,586,570 | | 1,724,586,711 |
| 36 | Tamil Nadu | SR | 8,765 | 676,793,105 | 1,297,928,782 | 228,430,627 | 211,584,156 | 419,187,733 | 91,475,015 | | 2,925,399,418 |
| 37 | Kerala | SR | 2,679 | 163,226,112 | 396,708,638 | 69,819,241 | 64,670,160 | 128,123,666 | 68,277,551 | | 890,825,368 |
| 38 | Karnataka | SR | 5,413 | 525,690,935 | 801,628,359 | 141,083,603 | 130,678,865 | 258,899,239 | 117,665,652 | | 1,975,646,653 |
| 39 | Pondicherry | SR | 540 | 13,567,405 | 79,963,667 | 14,073,307 | 13,035,419 | 25,825,599 | 12,517,559 | | 158,982,956 |
| 40 | PG-HVDC-SR | SR | 6 | 581,303 | 910,697 | 160,279 | 148,459 | 294,125 | | | 2,094,863 |
| 41 | BHAVINI | SR | | | | | | | | 16,044,986 | 16,044,986 |
| 42 | Betam | SR | | | | | | | | 467,938 | 467,938 |
| 43 | JSW Renew Energy Ltd. | SR | | | | | | | | 18,386,301 | 18,386,301 |

| S.No. | Zone | Region | GNA (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 | | |
| 44 | ReNew Solar Power Pvt Ltd. | SR | | | | | | | | 549,794 | 549,794 |
| 45 | Renew Surya Ojas Pvt. Ltd. | SR | | | | | | | | 1,615,251 | 1,615,251 |
| 46 | West Bengal | ER | 3,540 | 284,232,766 | 524,206,262 | 92,258,348 | 85,454,411 | 75,398,312 | 55,519,502 | | 1,117,069,602 |
| 47 | Odisha | ER | 2,157 | 228,471,628 | 319,410,426 | 56,215,044 | 52,069,255 | 45,941,853 | 66,012,887 | | 768,121,093 |
| 48 | Bihar | ER | 4,847 | 292,832,982 | 717,747,953 | 126,320,964 | 117,004,952 | 103,236,050 | 169,910,912 | | 1,527,053,814 |
| 49 | Jharkhand | ER | 1,580 | 44,507,027 | 233,967,767 | 41,177,455 | 38,140,669 | 33,652,354 | 56,540,085 | | 447,985,357 |
| 50 | Sikkim | ER | 111 | 1,189,263 | 16,436,976 | 2,892,847 | 2,679,503 | 2,364,184 | 2,628,486 | | 28,191,259 |
| 51 | DVC | ER | 956 | 37,632,305 | 141,565,307 | 24,914,966 | 23,077,519 | 20,361,804 | 9,633,951 | | 257,185,852 |
| 52 | Bangladesh | ER | 982 | 22,777,437 | 145,415,410 | 25,592,570 | 23,705,150 | 20,915,577 | | | 238,406,144 |
| 53 | Railways-ER-ISTS-Bihar | ER | 20 | 135,979 | 2,961,617 | 521,234 | 482,793 | 425,979 | | | 4,527,602 |
| 54 | PG-HVDC-ER | ER | 2 | 85,229 | 296,162 | 52,123 | 48,279 | 42,598 | | | 524,391 |
| 55 | NTPC, North Karanpura STPP, Jharkhand | ER | | | | | | | | 4,210,982 | 4,210,982 |
| 56 | Arunachal Pradesh | NER | 208 | 2,796,130 | 30,800,820 | 5,420,829 | 5,021,050 | 6,677,021 | 11,098,558 | | 61,814,408 |
| 57 | Assam | NER | 1,767 | 75,266,674 | 261,658,889 | 46,050,989 | 42,654,786 | 56,722,577 | 21,769,788 | | 504,123,703 |
| 58 | Manipur | NER | 177 | 2,790,655 | 26,210,313 | 4,612,917 | 4,272,721 | 5,681,888 | 3,173,317 | | 46,741,811 |
| 59 | Meghalaya | NER | 238 | 4,651,899 | 35,243,246 | 6,202,680 | 5,745,240 | 7,640,053 | 390,200 | | 59,873,318 |
| 60 | Mizoram | NER | 150 | 11,829,832 | 22,212,130 | 3,909,252 | 3,620,950 | 4,815,159 | 1,021,285 | | 47,408,607 |
| 61 | Nagaland | NER | 139 | 5,774,038 | 20,583,240 | 3,622,574 | 3,355,413 | 4,462,048 | 20,145,378 | | 57,942,691 |
| 62 | Tripura | NER | 311 | 5,932,772 | 46,053,149 | 8,105,183 | 7,507,436 | 9,983,430 | 20,132,083 | | 97,714,053 |
| 63 | PG-HVDC-NER | NER | 1 | 68,167 | 177,697 | 31,274 | 28,968 | 38,521 | | | 344,627 |

TOTAL 118,994 8,427,089,513 17,620,671,772 3,101,172,548 2,872,464,970 3,715,567,383 1,927,749,889 448,178,636 38,112,894,710

Transmission Charges to be paid by DICs under Regulation 13(7)

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 58.5MW: 01.10.19 27.6MW: 02.09.20 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 | JSW Neo Energy Ltd. | SR | Tuticorin-II | 300 | 245.7 | 27 MW: 05.12.2022 51.3 MW: 22.04.2023 13.5 MW: 10.05.2023 24.3 MW: 27.05.2023 13.5 MW: 06.06.2023 18.9 MW: 06.07.2023 21.6 MW: 29.07.2023 27 MW: 30.08.2023 18.9 MW: 28.09.2023 16.2 MW: 11.11.2023 13.5 MW: 02.03.2024 | 01.10.2023 | 54.30 | 162,900 | |
| 5 | NTPC Limited | WR | Bhuj PS | 150 | 50 | 50 MW: 04.11.2023 | 28.02.2024 | 100 | 300,000 | |
| 6 | Adani Renewable Energy Holding Four Limited | WR | KPS-1 | 1000 | 0 | Yet to be commissioned | 25.02.2024 | 1000 | 3,000,000 | |
| 7 | IBEUL | ER | Sundargarh | 350 | 339.6 | 20-07-2016 | 31-03-2024 | 10.4 | 31,200 | |
| 8 | Rewa Ultra Mega Solar Power Limited (Agar & Shajapur Park) | WR | Pachora PS | 1000 | 550 | 200MW: COD 11.04.2024 350MW: COD 15.04.2024 | 12.04.2024 | 450 | 1,350,000 | |
| 9 | THDC India Ltd. (Khurja STPP) | NR | Aligarh S/s | 465.6 | 0 | Yet to be commissioned | 30.04.2023 | 465.6 | 1,396,800 | |
| 10 | Rewa Ultra Mega Solar Power Limited (Neemuch Solar Park) | WR | Neemuch PS | 500 | 0 | Yet to be commissioned | 06.05.2024 | 500 | 1,500,000 | |

| 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 |
|--------|--|--------|--------------------------|----------------------------------|---|--|--|------------------------------------|--------------------------|--|
| 11 | NTPC Renewable Energy Ltd. | WR | Bhuj-II PS | 300 | 0 | Yet to be commissioned | 07.06.2024 | 300 | 720,000 | As Deemed GNA for 300 MW made effective w.e.f. 07.06.2024. Charges computed for 24 days. |
| 12 | ReNew Green Energy Solutions Pvt. Ltd. | WR | Solapur PG | 100 | 0 | Yet to be commissioned | 30.06.2024 | 100 | 10,000 | As Deemed GNA for 100 MW made effective w.e.f. 30.06.2024. Charges computed for 1 day. |
| 13 | ReNew Green Energy Solutions Pvt. Ltd | WR | Solapur PG | 76 | 0 | Yet to be commissioned | 30.06.2024 | 76 | 7,600 | As Deemed GNA for 76 MW made effective w.e.f. 30.06.2024. Charges computed for 1 day. |
| 14 | Renew Green Energy Solutions Pvt. Ltd | WR | Solapur PG | 48 | 0 | Yet to be commissioned | 30.06.2024 | 48 | 4,800 | As Deemed GNA for 48 MW made effective w.e.f. 30.06.2024. Charges computed for 1 day. |
| 15 | NTPC Limited (Barh-I) | ER | At generation switchyard | 1320 | 660 | Unit-2: 01-08-2023 Unit-3: Yet to be commissioned | 30.06.2024 | 660 | 66,000 | As Deemed GNA for 1320 MW made effective w.e.f. 30.06.2024. Charges computed for 1 day corresponding to delayed 660 MW capacity. |

Transmission charges for NHPTL as per CERC order dated 15.12.2023 in Petition No. 638/MP/2020

| 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 | 3,501 | 0.005 | 111,877,124 | 10,587 | 10,567 | 185,001 |

| Details of Waiver % of DICs for August 2024 billing month | | | |
|--|-------------------|------------------------------------|------------------|
| Region | State | DIC | Waiver(%) |
| ER | Bihar | Bihar DISCOMS | 11.315 |
| ER | Bihar | Railways-Bihar | 0.000 |
| ER | DVC | DVC DISCOM & JBVNL | 1.415 |
| ER | DVC | Railways-DVC | 0.000 |
| ER | DVC | Tata steel | 0.000 |
| ER | West Bengal | WBSEDCL | 2.804 |
| ER | West Bengal | CESC | 0.018 |
| ER | West Bengal | IPCL | 52.889 |
| ER | Jharkhand | JBVNL | 20.635 |
| ER | Jharkhand | SE Railways-Jharkhand | 0.000 |
| ER | Odisha | Odisha | 14.993 |
| ER | Sikkim | Sikkim | 0.000 |
| 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 | 3.286 |
| NER | Manipur | Manipur | 0.000 |
| NER | Meghalaya | Meghalaya | 0.000 |
| NER | Mizoram | Mizoram | 0.000 |
| NER | Nagaland | Nagaland | 0.000 |
| NER | Tripura | Tripura | 0.000 |
| NER | | PG-HVDC-NER | 0.000 |
| NR | Punjab | PSPCL | 10.078 |
| NR | Punjab | Northern Railways | 0.000 |
| NR | Haryana | Haryana | 12.531 |
| NR | Haryana | Railways_BRBCL_HARYANA | 0.000 |
| NR | Rajasthan | Rajasthan DISCOMS | 6.626 |
| NR | Rajasthan | Railways | 0.000 |
| NR | Delhi | Delhi DISCOMS | 13.569 |
| NR | Delhi | Delhi Metro Rail Corporation Metro | 100.000 |
| NR | Uttar Pradesh | UPPCL | 10.361 |
| NR | Uttar Pradesh | NPCL | 1.554 |
| NR | Uttar Pradesh | Railway | 12.128 |
| NR | Uttrakhand | Uttrakhand | 7.003 |
| NR | Himachal pradesh | Himachal pradesh | 0.571 |
| NR | Jammu & Kashmir | Jammu & Kashmir | 0.390 |
| NR | Chandigarh | Chandigarh | 5.659 |
| NR | | Railways-NR-ISTS-UP | 4.675 |
| NR | | PG-HVDC-NR | 0.000 |
| SR | Andhra Pradesh | Andhra Pradesh | 9.817 |
| SR | Karnataka | Karnataka_DISCOMS | 10.806 |
| SR | Karnataka | Railways_Karnataka | 7.263 |
| SR | Kerala | KSEB | 6.665 |
| SR | Puducherry | Puducherry | 24.159 |
| SR | Tamil Nadu | TANGEDCO | 1.966 |
| SR | Tamil Nadu | SAIL Steel Plant Salem | 0.000 |
| SR | Telangana | TSSPDCL | 13.293 |

| | | | |
|----|----------------|---|--------|
| SR | | PG-HVDC_SR | 0.000 |
| WR | Chhattisgarh | CSPDCL | 11.509 |
| WR | DD&DNH | DD&DNH | 0.000 |
| WR | Goa | Goa | 13.500 |
| WR | Gujarat | GUVNL | 1.344 |
| WR | Gujarat | Indian Railways | 4.133 |
| 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 | Madhya Pradesh | MPPMCL | 10.091 |
| WR | Madhya Pradesh | WCR | 0.083 |
| WR | Maharashtra | MSEDCL | 9.327 |
| WR | Maharashtra | Adani Electricity Mumbai Limited | 63.034 |
| WR | Maharashtra | Tata Power Company Ltd, Maharashtra | 34.921 |
| WR | Maharashtra | Central Railways | 4.347 |
| WR | | PG-HVDC_WR | 0.000 |
| WR | | Arcelormittal Nippon Steel India Ltd. (Essar Steel) | 0.000 |
| WR | | BARC | 0.000 |

**Transmission Charges for Temporary General Network Access (T-GNA) for billing
month August,2024**

| S.No. | State | Region | T-GNA rate (Rs./MW/block) |
|-------|--|--------|---------------------------|
| 1 | Delhi | NR | 121.91 |
| 2 | UP | NR | 141.42 |
| 3 | Punjab | NR | 132.88 |
| 4 | Haryana | NR | 146.33 |
| 5 | Chandigarh | NR | 111.77 |
| 6 | Rajasthan | NR | 126.10 |
| 7 | HP | NR | 114.20 |
| 8 | J&K | NR | 115.16 |
| 9 | Uttarakhand | NR | 136.05 |
| 10 | Gujarat | WR | 96.58 |
| 11 | Madhya Pradesh | WR | 104.73 |
| 12 | Maharashtra | WR | 126.66 |
| 13 | Chhattisgarh | WR | 91.28 |
| 14 | Goa | WR | 115.07 |
| 15 | Daman and Diu and Dadra and Nagar Haveli | WR | 123.72 |
| 16 | Andhra Pradesh | SR | 129.32 |
| 17 | Telangana | SR | 113.55 |
| 18 | Tamil Nadu | SR | 127.48 |
| 19 | Kerala | SR | 127.00 |
| 20 | Karnataka | SR | 139.39 |
| 21 | Pondicherry | SR | 112.45 |
| 22 | West Bengal | ER | 120.53 |
| 23 | Odisha | ER | 136.01 |
| 24 | Bihar | ER | 120.19 |
| 25 | Jharkhand | ER | 108.29 |
| 26 | Sikkim | ER | 97.00 |
| 27 | DVC | ER | 102.75 |
| 28 | Bangladesh | ER | 92.73 |
| 29 | Arunachal Pradesh | NER | 113.51 |
| 30 | Assam | NER | 108.97 |
| 31 | Manipur | NER | 100.86 |
| 32 | Meghalaya | NER | 96.09 |
| 33 | Mizoram | NER | 120.72 |
| 34 | Nagaland | NER | 159.22 |
| 35 | Tripura | NER | 120.00 |

Details of GNA and GNA-RE for billing month August,2024

| S.No. | Drawee DIC | Region | GNA/GNA-RE (in MW) |
|--------------|---|---------------|-------------------------------|
| 1 | Delhi | NR | 4810.0 |
| 2 | UP | NR | 9953.0 |
| 3 | Punjab | NR | 5497.0 |
| 4 | Haryana | NR | 5143.0 |
| 5 | Chandigarh | NR | 342.0 |
| 6 | Rajasthan | NR | 5689.0 |
| 7 | HP | NR | 1130.0 |
| 8 | J&K | NR | 1977.0 |
| 9 | Uttarakhand | NR | 1402.0 |
| 10 | Railways-NR-ISTS-UP | NR | 130.0 |
| 11 | PG-HVDC-NR | NR | 8.0 |
| 12 | Gujarat | WR | 12597.8 |
| 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 | Andhra Pradesh | SR | 4199.0 |
| 22 | Telangana | SR | 5801.0 |
| 23 | Tamil Nadu | SR | 8765.0 |
| 24 | Kerala | SR | 2679.0 |
| 25 | Karnataka | SR | 5413.5 |
| 26 | Pondicherry | SR | 540.0 |
| 27 | PG-HVDC-SR | SR | 6.2 |
| 28 | West Bengal | ER | 3540.0 |
| 29 | Odisha | ER | 2157.0 |
| 30 | Bihar | ER | 4847.0 |
| 31 | Jharkhand | ER | 1580.0 |
| 32 | Sikkim | ER | 111.0 |
| 33 | DVC | ER | 956.0 |
| 34 | Bangladesh | ER | 982.0 |
| 35 | Railways-ER-ISTS-Bihar | ER | 20.0 |
| 36 | PG-HVDC-ER | ER | 2.0 |
| 37 | Arunachal Pradesh | NER | 208.0 |
| 38 | Assam | NER | 1767.0 |
| 39 | Manipur | NER | 177.0 |
| 40 | Meghalaya | NER | 238.0 |
| 41 | Mizoram | NER | 150.0 |
| 42 | Nagaland | NER | 139.0 |
| 43 | Tripura | NER | 311.0 |
| 44 | PG-HVDC-NER | NER | 1.2 |

118993.58

Transmission Charges claimed by ISTS licensees for the billing month August'24

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|---|---------------------------------------|--------------------------------------|--|---|
| 1 | Powergrid Corporation Of India Ltd | 35405.91 | 35405.91 | 2910.07 | As per data furnished by ISTS Licensee for June'24. 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 | 49.62 | As per data furnished by ISTS Licensee for June'24 |
| 3 | Chhattisgarh-WR Transmission Limited. | 168.20 | 168.20 | 13.82 | As per data furnished by ISTS Licensee for June'24 |
| 4 | Raipur Rajnandgaon-WR Transmission Limited. | 182.37 | 182.37 | 14.99 | As per data furnished by ISTS Licensee for June'24 |
| 5 | Sipat Transmission Limited. | 84.89 | 84.89 | 6.98 | As per data furnished by ISTS Licensee for June'24 |
| 6 | Western Transmission Gujarat Limited | 48.57 | 48.57 | 3.99 | As per data furnished by ISTS Licensee for June'24 |
| 7 | Western Transco Power Limited | 89.04 | 89.04 | 7.32 | As per data furnished by ISTS Licensee for June'24 |
| 8 | Alipurduar Transmission Limited | 149.84 | 149.84 | 12.32 | As per data furnished by ISTS Licensee for June'24 |
| 9 | Fatehgarh-Bhadla Transmission Ltd. | 65.04 | 65.04 | 5.35 | As per data furnished by ISTS Licensee for June'24 |
| 10 | North Karanpura Transco Limited | 39.01 | 39.01 | 3.21 | As per data furnished by ISTS Licensee for June'24 |
| 11 | Bikaner-Khetri Transmission Limited | 128.95 | 128.95 | 10.60 | As per data furnished by ISTS Licensee for June'24 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|---|---------------------------------------|--------------------------------------|--|---|
| 12 | Jam Khambaliya Transco Limited | 44.08 | 44.08 | 3.62 | As per data furnished by ISTS Licensee for June'24 |
| 13 | Lakadia-Banaskantha Transmission Limited | 100.28 | 100.28 | 8.24 | As per data furnished by ISTS Licensee for June'24 |
| 14 | WRSS XXI (A) Transco Limited | 122.16 | 122.16 | 10.04 | As per data furnished by ISTS Licensee for June'24 |
| 15 | Karur Transmission Limited | 22.37 | 22.37 | 1.84 | As per data furnished by ISTS Licensee for June'24. |
| 16 | Khavda-Bhuj Transmission Limited | 127.19 | 127.19 | 10.45 | As per data furnished by ISTS Licensee for June'24. |
| 17 | Aravali Power Company Private Limited | 6.76 | 6.76 | 0.56 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 18 | Essar Power Transmission Company Limited | 69.07 | 69.07 | 5.68 | As per data furnished by ISTS Licensee for June'24. |
| 19 | Essar Transco Limited | 269.64 | 269.64 | 22.16 | As per data furnished by ISTS Licensee for June'24. |
| 20 | Jindal Power Limited | 31.06 | 31.06 | 2.55 | As per data furnished by ISTS Licensee for June'24. |
| 21 | Kudgi Transmission Limited | 196.29 | 196.29 | 16.13 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 22 | Parbati Koldam Transmission Company Limited | 171.37 | 171.37 | 14.09 | As per data furnished by ISTS Licensee for June'24. |
| 23 | Bhopal Dhule Transmission Company Ltd. | 184.90 | 184.90 | 15.20 | As per data furnished by ISTS Licensee for June'24. |
| 24 | East North Interconnection Company Limited | 145.92 | 145.92 | 11.99 | As per data furnished by ISTS Licensee for June'24. |
| 25 | Gurgaon Palwal Transmission Limited | 134.68 | 134.68 | 11.07 | As per data furnished by ISTS Licensee for June'24. |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|--|---------------------------------------|--------------------------------------|--|---|
| 26 | Jabalpur Transmission Company Limited | 146.92 | 146.92 | 12.08 | As per data furnished by ISTS Licensee for June'24. |
| 27 | Maheshwaram Transmission Limited | 56.09 | 56.09 | 4.61 | As per data furnished by ISTS Licensee for June'24. |
| 28 | Khargone Transmission Company Ltd. | 178.41 | 178.41 | 14.66 | As per data furnished by ISTS Licensee for June'24. |
| 29 | Goa Tamnar Transmission Projects Limited | 42.70 | 42.70 | 3.51 | As per data furnished by ISTS Licensee for June'24. |
| 30 | Mumbai Urja Marg Limited | 70.57 | 70.57 | 5.80 | As per data furnished by ISTS Licensee for June'24. |
| 31 | Lakadia Vadodara Transmission Company Limited | 230.90 | 230.90 | 18.98 | As per data furnished by ISTS Licensee for June'24. |
| 32 | NRSS-XXIX Transmission Limited | 502.72 | 502.72 | 41.32 | As per data furnished by ISTS Licensee for June'24. |
| 33 | Odisha Generation Phase-II Transmission Limited | 148.47 | 148.47 | 12.20 | As per data furnished by ISTS Licensee for June'24. |
| 34 | Patran Transmission Company Limited | 30.80 | 30.80 | 2.53 | As per data furnished by ISTS Licensee for June'24. |
| 35 | Purulia & Kharagpur Transmission Company Limited | 72.41 | 72.41 | 5.95 | As per data furnished by ISTS Licensee for June'24. |
| 36 | Rapp Transmission Company Limited | 44.01 | 44.01 | 3.62 | As per data furnished by ISTS Licensee for June'24. |
| 37 | NER-II Transmission Limited | 481.87 | 481.87 | 39.61 | As per data furnished by ISTS Licensee for June'24 |
| 38 | Teestavalley Power Transmission Limited | 248.37 | 248.37 | 20.41 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 39 | Torrent Power Grid Limited | 26.03 | 26.03 | 2.14 | As per data furnished by ISTS Licensee for June'24 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|--|---------------------------------------|--------------------------------------|--|---|
| 40 | Darbhanga-Motihari Transmission Company Limited | 134.73 | 134.73 | 11.07 | As per data furnished by ISTS Licensee for June'24 |
| 41 | NRSS XXXI (B) Transmission Limited | 98.09 | 98.09 | 8.06 | As per data furnished by ISTS Licensee for June'24 |
| 42 | A D Hydro Power Limited | 43.19 | 43.19 | 3.55 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 43 | Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited) | 126.73 | 126.73 | 10.42 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 44 | Kohima Mariani Transmission Limited | 277.20 | 277.20 | 22.78 | As per data furnished by ISTS Licensee for June'24 |
| 45 | Raichur Sholapur Transmission Company Private Limited | 25.70 | 25.70 | 2.11 | As per data furnished by ISTS Licensee for June'24. |
| 46 | Koppal-Narendra Transmission Limited | 77.19 | 77.19 | 6.34 | As per data furnished by ISTS Licensee for June'24 |
| 47 | Damodar Valley Corporation | 109.09 | 109.09 | 8.97 | As per data furnished by ISTS Licensee for June'24 |
| 48 | Powerlinks Transmission Limited | 135.93 | 135.93 | 11.17 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 49 | NRSS XXXVI Transmission Limited | 22.10 | 22.10 | 1.82 | As per data furnished by ISTS Licensee for June'24. |
| 50 | Warora-Kurnool Transmission Limited | 409.60 | 409.60 | 33.67 | As per data furnished by ISTS Licensee for June'24. |
| 51 | Rajgarh Transmission Limited | 50.51 | 50.51 | 4.15 | As per data furnished by ISTS Licensee for June'24. |
| 52 | Powergrid Vizag Transmission Limited | 212.79 | 212.79 | 17.49 | As per data furnished by ISTS Licensee for June'24 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|---|---------------------------------------|--------------------------------------|--|---|
| 53 | Powergrid NM Transmission Limited | 160.11 | 160.11 | 13.16 | As per data furnished by ISTS Licensee for June'24 |
| 54 | Powergrid Unchahar Transmission Limited | 18.76 | 18.76 | 1.54 | As per data furnished by ISTS Licensee for June'24 |
| 55 | Powergrid Parli Transmission Limited | 326.22 | 326.22 | 26.81 | As per data furnished by ISTS Licensee for June'24 |
| 56 | Powergrid Kala Amb Transmission Limited | 64.86 | 64.86 | 5.33 | As per data furnished by ISTS Licensee for June'24. |
| 57 | Powergrid Southern Interconnector Transmission System Limited | 462.10 | 462.10 | 37.98 | As per data furnished by ISTS Licensee for June'24 |
| 58 | Powergrid Jabalpur Transmission Limited | 256.43 | 256.43 | 21.08 | As per data furnished by ISTS Licensee for June'24 |
| 59 | Powergrid Warora Transmission Limited | 364.20 | 364.20 | 29.93 | As per data furnished by ISTS Licensee for June'24 |
| 60 | Powergrid Medinipur Jeerat Transmission Limited | 579.70 | 579.70 | 47.65 | As per data furnished by ISTS Licensee for June'24 |
| 61 | Powergrid Mithilanchal Transmission Limited | 170.00 | 170.00 | 13.97 | As per data furnished by ISTS Licensee for June'24 |
| 62 | Powergrid Ajmer Phagi Transmission Limited | 74.79 | 74.79 | 6.15 | As per data furnished by ISTS Licensee for June'24 |
| 63 | Powergrid Varanasi Transmissoin System Limited | 116.97 | 116.97 | 9.61 | As per data furnished by ISTS Licensee for June'24 |
| 64 | Powergrid Fatehgarh Transmission Limited | 87.69 | 87.69 | 7.21 | As per data furnished by ISTS Licensee for June'24 |
| 65 | Powergrid Khetri Transmission System Ltd. | 149.07 | 149.07 | 12.25 | As per data furnished by ISTS Licensee for June'24 |
| 66 | Powergrid Bhuj Transmission Limited | 151.70 | 151.70 | 12.47 | As per data furnished by ISTS Licensee for June'24 |

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|--|---------------------------------------|--------------------------------------|--|---|
| 67 | Powergrid Bikaner Transmission System Limited | 167.88 | 167.88 | 13.80 | As per data furnished by ISTS Licensee for June'24 |
| 68 | Powergrid Ramgarh Transmission Limited | 46.41 | 46.41 | 3.81 | As per data furnished by ISTS Licensee for June'24 |
| 69 | Powergrid Neemuch Transmission System Limited | 78.38 | 78.38 | 6.44 | As per data furnished by ISTS Licensee for June'24 |
| 70 | North East Transmission Company Limited | 252.89 | 252.89 | 20.79 | As per data furnished by ISTS Licensee for June'24 |
| 71 | Transmission Corporation Of Andhra Pradesh (APTRANSCO) | 411.29 | 139.14 | 11.44 | As per data furnished by ISTS Licensee for June'24 |
| 72 | Madhya Pradesh Power Transmission Co. Ltd. | 12.54 | 12.54 | 1.03 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 73 | Karnataka Power Transmission Corporation Limited | 1.42 | 1.42 | 0.12 | Data not furnished by ISTS Licensee for June'24. CERC Tariff Order dated 12.06.2019 has been considered |
| 74 | Delhi Transco Limited | 3.12 | 3.12 | 0.26 | Data not furnished by ISTS Licensee for June'24. Data as furnished by ISTS Licensee for Dec'20 has been considered. |
| 75 | Power Transmission Corporation Of Uttarakhand Ltd | 71.66 | 71.66 | 5.89 | As per data furnished by ISTS Licensee for June'24. CERC Tariff Order dated 09.11.2021, 25.11.2021, 13.06.2021 and 20.01.2024 have been considered. |
| 76 | Rajasthan Rajya Vidhyut Prasaran Nigam Ltd. | 6.26 | 6.26 | 0.51 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 77 | Tamilnadu Transmission Corporation Limited | 0.59 | 0.59 | 0.05 | Data not furnished by ISTS Licensee for June'24. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered |
| 78 | Chhattisgarh State Power Transmission Company Ltd | 0.75 | 0.75 | 0.06 | Data not furnished for June'24. 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 June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|--|---------------------------------------|--------------------------------------|--|---|
| 79 | Himachal Pradesh Power Transmission Corporation Ltd | 2.61 | 2.61 | 0.21 | Data not furnished for June'24. Considered the same as in the earlier billing period. |
| 80 | Odisha Power Transmission Corporation Limited | 9.80 | 9.67 | 0.79 | Data not furnished by ISTS Licensee for June'24. 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. |
| 81 | Uttarpradesh Power Transmission Corporation Limited | 27.23 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 |
| 82 | Power Development Department, Jammu & Kashmir | 10.11 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 |
| 83 | Gujarat Energy Transmission Corporation Limited | 5.71 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 |
| 84 | Maharashtra State Electricity Transmission Company Ltd | 97.68 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 |
| 85 | West Bengal State Electricity Transmission Company Ltd | 32.05 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 June'24 (₹ Cr) | Equivalent MTC to be considered for June'24 (₹ Cr) | Remarks |
|-------|--|---------------------------------------|--------------------------------------|--|---|
| 86 | Haryana Vidyut Prasaran Nigam Limited | 0.35 | 0.35 | 0.03 | As per data furnished by ISTS Licensee for June'24 |
| 87 | Assam Electricity Grid Corporation Limited | 10.78 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 |
| 88 | Meghalaya Power Transmission Corporation Limited | 3.61 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 |
| 89 | Kerala State Electricity Board | 10.06 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for June'24. 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 June'24 from the claimed assets of ISTS licensees (₹ Crores)

3811.29

Entity-wise details of Bilateral billing for August,2024 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 | 31,547,014 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 2 | 2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station | Powergrid | Betam | SR | 467,938 | | 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, Asset 3. 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 | 16,044,986 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 4 | HVDC Mundra-Mahendergarh | Powergrid | Adani Power Limited | WR | 253,489,742 | | -- |
| 5 | 400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line along with 2 nos. 400 Kv line bays at Banaskantha (PG) under Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR | Powergrid | Gujarat Power Corporation Limited (GPCL) | WR | | Gujarat | 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 |
|--------|---|-----------------------|---|--------|------------|--|---|
| 6 | 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 | Powergrid | Gujarat Power Corporation Limited (GPCL) | WR | 1,291,459 | Gujarat | As per Regulation 13(3) of Sharing Regulations 2020 |
| 7 | Mahan Bilaspur Line | Essar Transco Limited | Mahan Energen Limited (formerly Essar Power M.P. Ltd) | WR | 48,946,521 | | CERC order dated 22.11.2023 in Petition No. Petition No. 24/TT/2023 |
| 8 | 2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station | Powergrid | Adani Renewable Energy Park Rajasthan Limited | NR | 10,564 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 9 | Establishment of 400 kV Pooling Station at Fatehgarh | Fatehgarh Badhla | Adani Renewable Energy Park Rajasthan Limited | NR | 8,528 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 10 | Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV) | | ACME Solar Holdings Pvt. Ltd | NR | 2,558,329 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 11 | 2 Nos. 400 kV line bays at Fatehgarh Pooling Station | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 12 | 1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay | | | NR | | | 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 |
|--------|--|-----------------------|-------------------------|--------|------------|--|---|
| 13 | Space for future 220kV (12 Nos) Line Bays | Transmission Limited | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 14 | 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 |
| 15 | 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 |
| 16 | Space for future 400kV bus reactors (2 Nos) alongwith associated bays. | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 17 | 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 | 41,779,973 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 18 | 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 |
| 19 | 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 |

| 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 |
|--------|---|------------------------------|---------------------------------------|--------|------------|--|---|
| 20 | 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 | 4,210,982 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 21 | 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 | 18,386,301 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 22 | LILO of both circuits of Pugalur – Pugalur (HVDC) 400 kV D/C line (with Quad Moose ACSR Conductor) at Karur PS | | | | | | |
| 23 | 2x125 MVA, 400 kV Bus reactors at Karur PS | | | | | | |
| 24 | 400 KV D/C Quad Moose Koppal PS – Narendra (New) Transmission Line | | ReNew Solar Power Pvt Ltd. | | 549,794 | | |
| 25 | 400/220 kV Koppal Pooling Station 400kV •ICT: 3x500MVA, 400/220kV •ICT bay: 3 nos. •Line bay: 2 nos. •Bus Reactor bay: 2 nos. 220kV | | Renew Surya Ojas Pvt. Ltd. | | 1,615,251 | | |
| | | | | | | | |

| 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 |
|--------|---|--------------------------------------|-----------------------------|--------|-----------|--|---|
| | <ul style="list-style-type: none"> •ICT bay: 3 nos •Line bay: 5 nos. •Bus coupler bay: 1 no. •Transfer Bus coupler bay: 1 no. | Koppal-Narendra Transmission Limited | | SR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 26 | 2x125 MVAR, 420 kV bus reactor at Koppal Pooling station | | | | | | |
| 27 | <ul style="list-style-type: none"> - 400 kV GIS Line bay at Narendra (New): 2 nos. - 400 kV GIS Bay for future 765/400kV Transformer: 2 nos. - 400 kV Auxiliary GIS bay module for switching of future 765/400 kV Transformer: 1 no. | | | | | | |
| 28 | <p>Establishment of 400/220kV, 4x500MVA Ramgarh-II PS (Fatehgarh-III PS) with 420kV (2x125MVAR) Bus Reactor</p> <p>400kV: 500MVA ICT - 4 ICT bays - 4 Line bays - 4 125MVAR Bus Reactor - 2 Reactor Bays - 2</p> <p>220kV: ICT bays - 4 Line Bays - 7</p> | | ReNew Surya Vihan Pvt. Ltd. | | 1,937,025 | | As per Regulation |

| 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 |
|--------|--|-------------------------------------|--|--------|------------|--|---|
| 29 | Ramgarh-II PS(Fatehgarh-III) - Fatehgarh-II PS 400kV D/c line (Twin HTLS) | Powergrid Ramgarh Transmission Ltd. | Renew Surya Roshni Pvt. Ltd. | NR | 7,633,521 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 30 | 2 nos. of 400kV line bays at Fatehgarh-II PS for Ramgarh-II PS - Fatehgarh-II PS 400kV D/c line | | | | | | |
| 31 | Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line (Twin HTLS) | | Adani Renewable Energy Holding Seventeen Pvt. Ltd. | | 11,622,148 | | |
| 32 | 2 nos. of 400kV line bays at Jaisalmer-II (RVPN) for Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line | | ReNew Surya Aayan Pvt. Ltd. | | 5,811,074 | | |
| 33 | 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 | 267,487 | | As per Regulation 13(3) of Sharing Regulations 2020 |

TOTAL

448,178,636

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 drawal 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(Jhajjar) |
| 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 |

Commercial data of RE transmission network to be considered for NC-RE component 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 (kvt 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 | 42762.75000 | 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 Banskantha SS | RE BR | | | | | | | | | | | | | | | | | | | | | | |
| | | 765 | Green Energy Corridors-Inter State Transmission Scheme (ISTS) Part-B | 765kV Banskantha - Chittorgarh TL with 2 nos. 330 MVAR, SLR at Banskantha, SS & 2 nos. 240 MVAR, SLR at Chittorgarh SS, 400 kV Banskantha - Sankhari TL, 2 nos. 1500 MVA, ICTs along with ass. bays and 1 no. 765 kV, 330 MVAR BR with ass. bay at Banskantha SS | RE Line | 765kV Banskantha - 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 | 3804.02000 | 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 | 3785.45706 | 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 | | | | | | | | | | |
| 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 | | | | | 28425.17 | 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-Banskantha 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-Banskantha 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 | 24069.25000 | 2019-24 | Final 19-24 | 11-03-2020 | 11-03-2020 | 34/TT/2021 | 8/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 | |
|-------|---------------------------|---------------|--|---|----------------|---|-------------------|-----------------------|----------------------|--------------|---------|--------------|--------------|------------|--------------|------------|---|--|
| 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 | 24473.95000 | 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 | 2687.83000 | 2019-24 | Final 19-24 | 27-09-2018 | 27-09-2018 | 653/TT/2020 | 13/Mar/22 | | |
| 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 | 7645.03000 | 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 | | | | | 711.07000 | 2019-24 | Final 19-24 | 31-03-2019 | 31-03-2019 | 656/TT/2020 | 21/Mar/22 | | |
| 13 | | 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 | 18363.27000 | 2019-24 | Final 19-24 | 2/2/2018 | 2/2/2018 | 476/TT/2020 | 3/28/2022 | | |
| | | 400 | Transmission System Associated with Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A | | 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 and equipment at new 400/230kV (GIS) Tirunelveli Pooling Substation | RE | | | | | 1690.3600 | 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 C(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 (kvt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|-------|---------------------------|--|--|---|---|---|-------------------|-----------------------|----------------------|--------------|-------------|--------------|--------------|------------|--------------|------------|--|
| 15 | POWERGRID | 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 Banaskantha (PG) | RE Line | 400 kv Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line | Twin Moose | 2 | 130.38 | 2026.1000 | 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(I) |
| 16 | | 400 | Supplementary Transmission System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR | Est. of 2,500 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 | | | | | 2373.4700 | 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(I) |
| 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 | 18629.5 | 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 | | | | | 321.3100 | 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(I) |
| 19 | | 220 | Transmission System for Solar Power Park at Bhadla in the Northern Region | 2 numbers 220 kV line bays (205 & 206) at Bhadla (POWERGRID) Sub-station | RE | | | | | 225.7 | 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 | | | | 503.629 | 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 | | | | 502.929 | 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 | | | | | 105.27 | 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 | 2291.201 | 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 | | | | | 113.81 | 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 | | | | | 78.71 | 2019-24 | Final 19-24 | 26-04-2017 | 26-04-2017 | 8/TT/2023 | 7/Feb/24 | | |
| 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 | 487.47 | 2019-24 | Final 19-24 | 12-10-2018 | 12-10-2018 | 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 (kvt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|-------|---------------------------|---------------|--|--|----------------|---|-------------------|-----------------------|----------------------|--------------|---------|--------------|--------------|------------|--------------|------------|---------|
| 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 | 442.34 | 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 | 5576.02 | 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 | | | | | 625.64 | 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 | | | | | 165.68 | 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 | | | | | 770.15 | 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 | | | | | 172.2216 | 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 | | | | | 114.5050898 | 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 | | | | | 179.1869231 | 2014-19 | Final 14-19 | 22-11-2018 | 22-11-2018 | 06/TT/2020 | 24/Feb/23 | |
| 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 | | | | | 517.3173077 | 2014-19 | Final 14-19 | 08-02-2019 | 08-02-2019 | 06/TT/2020 | 24/Feb/23 | |
| 36 | | 400 | Additional ATS for Tumkur (Pavagada) under Transmission system for Ultra Mega Solar Power Park at Tumkur (Pavagada), 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 | 8152.82 | 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 | | | | | 529.87 | 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 | | | | | 531.69 | 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 | | | | | 628.74 | 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 | | | | | 2642.74 | 2019-24 | Final 19-24 | 02-05-2021 | 02-05-2021 | 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 (kvt km) | YTC in Lakhs | Block | Order Status | Petition COD | Actual COD | Petition No. | Order date | Remarks |
|-------|--|---------------|---|---|----------------|--|-------------------|-----------------------|----------------------|--------------|---------|--------------|--------------|-----------------------|--------------|------------|--|
| 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 | | | | | 768.86 | 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 | | | | | 2610.14 | 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 | | | | | 839.77 | 2019-24 | Final 19-24 | 28-02-2022 | 28-02-2022 | 110/TT/2022 | 30/Jun/23 | |
| 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 | | | | | 104.42 | 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 | | | | | 120.04 | 2019-24 | Final 19-24 | 09-08-2021 | 09-08-2021 | 293/TT/2022 | 29/Mar/24 | |
| 46 | POWERGRID AJMER PHAGI TRANSMISSION LIMITED | 765 | | Ajmer(PG)-Phagi(RVFN) 765 kV D/C line | RE Line | Ajmer(PG)-Phagi(RVFN) 765 kV D/C line | Hexa Zebra | 6 | 269.6 | 7,479.30000 | - | - | - | 5/6/2021 | 398/AT/2019 | 04.03.2020 | |
| | | 765 | | 2 nos. of 765 kV line bays(AIS) at Ajmer PG-Phagi(RVFN) 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 (RVFN) 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 DLA being created for termination of 765 kV D/C line from Ajmer) at Phagi S/s. | RE Bus Reactor | | | | | | | | | 5/6/2021 | | | |
| 47 | FATEGARH-BHADLA TRANSMISSION LIMITED | 400 | | Establishment of 400 kV Pooling Station at Fatehgarh | | | | | | 6503.6916 | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | Breakup of Pool & Bilateral portion already given in Format II G(1) |
| | | 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 | | |
| | | 400 | | 1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay | | | | | | | | | | Deemed COD 31.07.2021 | 94/TL/2018 | | |
| | | 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 | | |
| 48 | POWERGRID FATEGARH 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 | 8,769.10 | | | | 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 | | | |
| | | 765 | | Bikaner (PG) - Khetri S/s 765kV D/c line | Line | Bikaner (PG) - Khetri S/s 765kV D/c line | Zebra | 6 | 481 | | | | | 11299.450 | | | |

| 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 Line Bays at Jaisalmer-II S/s - 2 Nos. (for 400 kV Jaisalmer-II- Ramgarh-II (Fatehgarh-3) D/c lines) | Line Bays | | | | | | | | | | | | | |
| 60 | 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 | | | | | 12,718.60 | | | | | | | | |
| | | 765kV | | Khavda PS (GIS) - Bhuj PS 765 kV D/c line | Transmission Line | Khavda PS (GIS) - Bhuj PS 765 kV D/c line | AI 59 | Six | 216.86 | | | C | | 21-Feb-2024 | 101/AT/2022 | 5/10/2022 | | |
| | | 765kV | | 2 nos. of line bays each at Bhuj PS for termination of Khavda PS (GIS) - Bhuj PS 765 kV D/c | Bay Extension | | | | | | | | | | | | | |
| 61 | RAJGARH TRANSMISSION LIMITED | 400 kV | | Establishment of 400/220 kV, 3x500 MVA at Pachora SEZ PP with 420 kV (125 MVAR) bus reactor | SS | | | | | 1376.50 | | | | 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 | 3507.30 | | | | 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 | | | | | | 167.40 | | | | 2-Apr-24 | Petition No. 170/AT/2022 | 08.08.2022 | |
| 62 | POWERGRID NEEMUCHI TRANSMISSION SYSTEM LIMITED | 400/220 | | Establishment of 2x500 MVA, 400/220 kV Pooling Station (AS) at Neemuch with 1x125 MVAR Bus Reactor 400/220 kV, 500 MVA ICT - 2 nos. 400 kV ICT bays - 2 nos. 220 kV ICT bays - 2 nos. 400 kV line bays - 4 nos. (2 each for Chhittorgarh & Mandasaur lines) 220 kV line bays - (2 nos. of bays corresponding to 500 MW Connectivity / LTA granted to M/s RUMSI) 220kV Bus coupler bay - 1 no.# 220kV Transfer Bus Coupler (TBC) bay - 1 no.# 125 MVAR, 420 kV reactor-1 no. 420 kV reactor bay - 1 no. Future provisions: Space for 400/220 kV ICTs along with bays: 2 nos. 400 kV line bays: 6 nos. 220 kV line bays: 5 nos. 420kV bus reactor along with bays:1 | | | | | | 1789.45 | | | | | | | | |
| | | 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 | 2872.16 | | | | 00:00 HRS, 24.04.2024 | 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) | | | | | | | 262.49 | | | | | 248/AT/2022 | 09.12.2022 | |
| | | 400 | | Neemuch PS- Mandasaur s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | | Neemuch PS- Mandasaur s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | AL59 Moose | Quadruple | 236.418 | 2651.21 | | | | | | 248/AT/2022 | 09.12.2022 | |
| | | 400 | | 2 no. of 400 kV line bays at Mandasaur 400 kV s/s for Neemuch PS- Mandasaur s/s 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) | | | | | | | 262.49 | | | | | 248/AT/2022 | 09.12.2022 | |

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