

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उपक्रम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)
राष्ट्रीय भार प्रेषण केन्द्र National Load Despatch Centre



Notification of Transmission charges payable by DICs for Billing Month of September, 2022

No: TC/08/2022

Date: 25.08.2022

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. 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.
3. 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 **79th time block (19:30 Hrs to 19:45 Hrs) on 07th July, 2022** as a peak block for the billing period of July'22 and published the information of peak block on POSOCO website. Details of the inputs from entities have been received as per the stipulated timelines is enclosed as **Annexure-I**.
4. NLDC/RLDCs have examined the data and information submitted by ISTS licensees/ Deemed ISTS licensees, DICs/ States and CTU. 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 16.08.2022 with last date of submission of comments as 18.08.2022.
5. 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 made it available on POSOCO website on 15.08.2022 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.08.2022.
6. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.
7. Accordingly, the transmission charges are hereby notified for the billing month of September'22 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 LTA/MTOA and STOA:
 - For LTA/MTOA billing in ₹: These charges are calculated only for withdrawal entities (withdrawal rates) and for generators having LTA to target region without identified beneficiaries.
 - For STOA billing in paise/kWh: These rates are calculated for all the states

- c) The notified transmission charges payable by DICs for the billing month of September'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of September'22 considering regional DIC wise break up of LTA/MTOA enclosed along with this notification.
- d) Transmission charges for STOA shall be payable by the generators and embedded entities located in the state as per the notified STOA rate of the state in which they are located.
- e) The notified transmission charges for STOA 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 STOA 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.
- f) The transmission charges payable by DICs for LTA/MTOA are given at **Annexure-III**.
- g) The transmission rates applicable for STOA transactions are given at **Annexure-IV**.
- h) Regional DIC wise break up of LTA/MTOA is given at **Annexure-V**.
- i) ISTS licensee wise break up of Monthly Transmission Charges (MTC) is given at **Annexure-VI**.
- j) Entity-wise details of bilateral billing are given separately at **Annexure-VII**.
- k) LTA details of exempted Renewable Energy (RE) based generation for the billing period of July'22 is given at **Annexure-VIII**.



(एस. सी. सक्सेना)

मुख्य 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 31.07.2022. Madhya Pradesh Power Transmission Co. Ltd., Adani Transmission Limited and Torrent Power Grid Ltd. have submitted YTC on 01.08.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 04.08.2022. Sterlite Power has submitted YTC of its SPV's on 04.08.2022. Darbhanga-Motihari Transmission Co. Ltd. and NRSS XXXI (B) Transmission Ltd. have submitted YTC on 08.08.2022. Further, PowerGrid submitted revised YTC on 10.08.22. Power Transmission Corporation Of Uttarakhand Ltd. has submitted YTC on 17.08.2022. 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 July'22

| 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 | Jindal Power Limited |
| 14 | Kudgi Transmission Limited |
| 15 | Parbati Koldam Transmission Company Limited |
| 16 | Bhopal Dhule Transmission Company Ltd. |
| 17 | East North Interconnection Company Limited |
| 18 | Gurgaon Palwal Transmission Limited |
| 19 | Jabalpur Transmission Company Limited |

| Sl. No. | Name of ISTS Licensee |
|----------------|---|
| 20 | Maheshwaram Transmission Limited |
| 21 | Khargone Transmission Company Ltd. |
| 22 | Goa Tamnar Transmission Projects Limited |
| 23 | MUMBAI URJA MARG LIMITED |
| 24 | NRSS-XXIX Transmission Limited |
| 25 | Odisha Generation Phase-II Transmission Limited |
| 26 | Patran Transmission Company Limited |
| 27 | Purulia & Kharagpur Transmission Company Limited |
| 28 | Rapp Transmission Company Limited |
| 29 | NER-II Transmission Limited |
| 30 | Teestavalley Power Transmission Limited |
| 31 | Torrent Power Grid Limited |
| 32 | Darbhanga-Motihari Transmission Company Limited |
| 33 | NRSS XXXI (B) Transmission Limited |
| 34 | Kohima Mariani Transmission Limited |
| 35 | Raichur Sholapur Transmission Company Private Limited |
| 36 | Damodar Valley Corporation |
| 37 | Powerlinks Transmission Limited |
| 38 | Warora-Kurnool Transmission Limited |
| 39 | Powergrid Vizag Transmission Limited |
| 40 | Powergrid NM Transmission Limited |
| 41 | Powergrid Unchahar Transmission Limited |
| 42 | Powergrid Parli Transmission Limited |
| 43 | Powergrid Kala Amb Transmission Limited |
| 44 | Powergrid Southern Interconnector Transmission System Limited |
| 45 | Powergrid Jabalpur Transmission Limited |
| 46 | Powergrid Warora Transmission Limited |
| 47 | Powergrid Medinipur Jeerat Transmission Limited |
| 48 | Powergrid Mithilanchal Transmission Limited |

| Sl. No. | Name of ISTS Licensee |
|---------|--|
| 49 | Powergrid Ajmer Phagi Transmission Limited |
| 50 | Powergrid Varanasi Transmissoin System Limited |
| 51 | Powergrid Fatehgarh Transmission Limited |
| 52 | Powergrid Khetri Transmission System Ltd. |
| 53 | North East Transmission Company Limited |
| 54 | Transmission Corporation Of Andhra Pradesh (APTRANSCO) |
| 55 | Madhya Pradesh Power Transmision Co. Ltd. |
| 56 | Power Transmission Corporation Of Uttarakhand Ltd |
| 57 | 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(G) within 7 days after the end of the billing period i.e by 07.08.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 05.08.2022. CTU has submitted data in formats II(C), II(D), II-(G2) to II-(G5) on 05.08.2022 and submitted data in formats II(A), II(B), II(E), II(F) & II-(G1) on 10.08.2022. Furthermore, CTU submitted revised format II(D) and II-G(3) on 22.08.2022.

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 07.08.2022 is as mentioned below:

| S.NO. | WR | SR | NR | NER | ER | Others |
|-------|-------------|----------------|------------------|----------------------|--------|--------|
| 1 | Chattisgarh | Andhra Pradesh | Uttar Pradesh | Assam | Odisha | |
| 2 | Gujarat | Telangana | Haryana | Manipur | | |
| 3 | MP | Karnataka | Himachal Pradesh | Meghalaya | | |
| 4 | Maharashtra | Kerala | Delhi | Mizoram | | |
| 5 | Goa | Tamil Nadu | Rajasthan | Nagaland | | |
| 6 | D&D | Vallur(NTECL) | Punjab | Tripura | | |
| 7 | DNH | IL&FS | BBMB | Palatana GBPP (OTPC) | | |

| | | | | | | |
|----|-------------------|--|-----------------------------------|--|--|--|
| 8 | Hazira | Sprng Agnitra | ReNew Solar Power Private Limited | | | |
| 9 | ACBIL | Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6) | | | | |
| 10 | Spectrum Power | Fortum Solar India Private Limited. (Pavagada Solar Park) | | | | |
| 11 | Maruti Coal Power | PVG Renew-TN2 | | | | |
| 12 | BALCO | PVG ADYAH | | | | |
| 13 | CGPL | PVG AMPLUS Tumkur and PVG AMPLUS Pavagada | | | | |
| 14 | DB Power Ltd. | PVG Azure Earth | | | | |
| 15 | DGEN | Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park) | | | | |
| 16 | Dhariwal | Yarrow Infra Structure Private Ltd. (Pavagada Solar Park) | | | | |
| 17 | GMR Warora | PVG Parampujya | | | | |
| 18 | Raipur Energen | | | | | |
| 19 | Jindal Stg-1 | | | | | |
| 20 | JPL Stg-2 | | | | | |
| 21 | Jhabua Power | | | | | |
| 22 | JP Nigrie | | | | | |
| 23 | KAPS 1&2 | | | | | |
| 24 | Raigarh Energy | | | | | |
| 25 | KSK Mahanadi | | | | | |
| 26 | LANCO | | | | | |
| 27 | MB Power | | | | | |
| 28 | Essar Mahan | | | | | |
| 29 | NSPCL Bhilai | | | | | |

| | | | | | | |
|----|----------------------------------|--|--|--|--|--|
| 30 | Ratnagiri Dabhol | | | | | |
| 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 | ARINSUM | | | | | |
| 42 | Bhuvad Renew | | | | | |
| 43 | Vadwa Green Infra | | | | | |
| 44 | Roha Green infra | | | | | |
| 45 | Dayapar Inox | | | | | |
| 46 | Ratadiya AGEMPL | | | | | |
| 47 | Alfanar wind | | | | | |
| 48 | Renew AP2 Gadhsisa | | | | | |
| 49 | Avikiran | | | | | |
| 50 | Powerica | | | | | |

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. Power flows on HVDC Bhadravati and HVDC Raigarh-Pugalur have been adjusted to avoid loop flows in the network.
- H. 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 July'22.
- 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 July'22. For the ISTS licensees who have not submitted YTC data for July'22, the YTC data recently available with reference to the previous computations have been considered.

- B. While checking the YTC of the licensees who have not submitted data, the recently available CERC orders are referred to consider the recently available approved YTC for FY 2018-19 in case for 2019-20 or 2020-21 is not available.
- C. All ISTS transmission assets commissioned by the end of July'22 as furnished by ISTS licensees have been considered in the computations.
- D. 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.
- E. 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.
- F. 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 July'22.
- G. 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.
- H. 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.
- I. 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.
- J. 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 | 348 |
| 2 | ± 500 | HVDC | 170 |
| 3 | 765 | D/C | 484 |
| 4 | 765 | S/C | 221 |
| 5 | 400 | S/C | 93 |
| 6 | 400 | M/C TWIN | 432 |
| 7 | 400 | D/C Quad Moose | 282 |
| 8 | 400 | D/C Twin HTLS | 199 |
| 9 | 400 | D/C Twin Moose | 163 |

| | | | |
|----|-----|------------|-----|
| 10 | 400 | M/C QUAD | 813 |
| 11 | 400 | D/C TRIPLE | 229 |
| 12 | 400 | S/C QUAD | 155 |
| 13 | 220 | D/C | 68 |
| 14 | 220 | S/C | 52 |
| 15 | 220 | M/C TWIN | 311 |
| 16 | 132 | D/C | 45 |
| 17 | 132 | S/C | 26 |
| 18 | 132 | M/C TWIN | 215 |

- K. 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.
- L. Circuit Kms of RE lines considered as National component has been considered as zero.
- M. 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 and injecting DICs having untied LTA.

Transmission Charges for Designated ISTS Customers (DICs) for the billing month of September,2022

| S.No. | Zone | Region | LTA Demand / Injection (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ |
|-------|---|--------|--------------------------------|-----------------------------------|-------------------------------|------------------------|-----------|------------------------|----------------------------|-----------------------|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 1 | Delhi | NR | 4170 | 398406587 | 760363074 | 80058812 | 93753550 | 210925858 | 55540734 | | 1599048614 |
| 2 | UP | NR | 9585 | 1225226725 | 1747619762 | 184007307 | 215483316 | 484792344 | 141347497 | 3671419 | 4002148371 |
| 3 | Punjab | NR | 5434 | 475867008 | 990815206 | 104323173 | 122168535 | 274853625 | 104809966 | 935605 | 2073773118 |
| 4 | Haryana | NR | 4302 | 616450720 | 784410404 | 82590761 | 96718610 | 217596623 | 185718510 | | 1983485628 |
| 5 | Chandigarh | NR | 352 | 12666247 | 64225955 | 6762366 | 7919126 | 17816376 | 3122402 | | 112512473 |
| 6 | Rajasthan | NR | 4178 | 450871598 | 761811207 | 80211286 | 93932106 | 211327572 | 92988935 | 2148852 | 1693291557 |
| 7 | HP | NR | 1683 | 22324498 | 306907201 | 32314333 | 37841974 | 85136518 | 24781306 | 51489065 | 560794897 |
| 8 | J&K | NR | 2305 | 49469161 | 420299548 | 44253441 | 51823367 | 116591725 | 55404477 | | 737841720 |
| 9 | Uttarakhand | NR | 1361 | 162063177 | 248188458 | 26131823 | 30601892 | 68847851 | 30233785 | 2624468 | 568691454 |
| 10 | GMR Kamalanga | NR | 75 | 3198408 | 13675059 | 1439850 | 1686149 | 3793482 | | | 23792948 |
| 11 | WBSEDCL_Inj | NR | 600 | 0 | 109400471 | 11518802 | 13489191 | 30347855 | | | 164756318 |
| 12 | MB Power | NR | 175 | 33341912 | 31908471 | 3359651 | 3934347 | 8851458 | | | 81395838 |
| 13 | Jorthang | NR | 86.4 | 10318859 | 15753668 | 1658707 | 1942443 | 4370091 | | | 34043769 |
| 14 | Tashiding | NR | 87.3 | 10894157 | 15917768 | 1675986 | 1962677 | 4415613 | | | 34866202 |
| 15 | Northern Railways | NR | | | | | | | 2523524 | | 2523524 |
| 16 | North Central Railways | NR | | | | | | | 2082900 | | 2082900 |
| 17 | RAPP 7&8, NPCIL | NR | | | | | | | | 33406195 | 33406195 |
| 18 | Adani Renewable Energy Park Rajasthan Limited | NR | | | | | | | | 3235548 | 3235548 |
| 19 | ACME Solar Holdings Pvt. Ltd | NR | | | | | | | | 1954752 | 1954752 |
| 20 | Essel Saurya Urja Company of Rajasthan Limited (ESUCRL) | NR | | | | | | | | 4564996 | 4564996 |
| 21 | Gujarat | WR | 9242 | 530001460 | 1685071307 | 177421565 | 207771027 | 124958978 | 54007837 | 12549133 | 2791781306 |
| 22 | Madhya Pradesh | WR | 7757 | 517662447 | 1414412579 | 148923843 | 174398527 | 104887876 | 123282484 | 1235668 | 2484803424 |
| 23 | Maharashtra | WR | 7131 | 748257283 | 1300271114 | 136905860 | 160324767 | 96423545 | 79916858 | | 2522099427 |
| 24 | Chhattisgarh | WR | 2890 | 85654308 | 526917057 | 55479224 | 64969416 | 39074321 | 23030847 | | 795125173 |

| S.No. | Zone | Region | LTA Demand / Injection (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ |
|-------|---|--------|--------------------------------|-----------------------------------|-------------------------------|------------------------|-----------|------------------------|----------------------------|-----------------------|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 25 | Goa | WR | 513 | 53056435 | 93608031 | 9856012 | 11541967 | 6941643 | 10592365 | 1254778 | 186851232 |
| 26 | DNHDDPDCL | WR | 1481 | 122071153 | 270002261 | 28428603 | 33291557 | 20022421 | 27166061 | | 500982055 |
| 27 | Jindal Power Limited | WR | 125 | 67289189 | 22791765 | 2399750 | 2810248 | 1690157 | | | 96981109 |
| 28 | ACB Ltd | WR | 50 | 4676525 | 9104942 | 958662 | 1122649 | 675191 | | | 16537968 |
| 29 | Torrent Power | WR | 200 | 352446 | 36466824 | 3839601 | 4496397 | 2704252 | | | 47859519 |
| 30 | Sembcorp Energy India Ltd Project-I | WR | 115 | 10001409 | 20968424 | 2207770 | 2585428 | 1554945 | | | 37317976 |
| 31 | DB Power | WR | 186 | 21397973 | 33914146 | 3570829 | 4181649 | 2514954 | | | 65579551 |
| 32 | TRN Energy Pvt. Ltd. | WR | 3 | 231036 | 547002 | 57594 | 67446 | 40564 | | | 943642 |
| 33 | CSPTCL | WR | 261 | 0 | 47589205 | 5010679 | 5867798 | 3529049 | | | 61996730 |
| 34 | WBSEDCL_Inj | WR | 400 | 0 | 72933647 | 7679201 | 8992794 | 5408503 | | | 95014146 |
| 35 | GMR Warora Energy Ltd, Maharashtra | WR | 45 | 1796137 | 8130278 | 856039 | 1002472 | 602913 | | | 12387839 |
| 36 | MB Power | WR | | | | | | | | 8993256 | 8993256 |
| 37 | Adani Power Limited | WR | | | | | | | | 285612071 | 285612071 |
| 38 | Essar Steel | WR | | | | | | | 8805858 | | 8805858 |
| 39 | Powerica Ltd. | WR | | | | | | | | 18913550 | 18913550 |
| 40 | For Mahan Energen Limited (formerly Essar Power M.P. Ltd) | WR | | | | | | | | 62607665 | 62607665 |
| 41 | Andhra Pradesh | SR | 1728 | 233439546 | 315117807 | 33178830 | 38854350 | 29179010 | 35559464 | | 685329007 |
| 42 | Telangana | SR | 3895 | 203409536 | 710135141 | 74770301 | 87560394 | 65756488 | 35565151 | | 1177197010 |
| 43 | Tamil Nadu | SR | 8401 | 382392452 | 1531812969 | 161284958 | 188874116 | 141841510 | 94701954 | | 2500907960 |
| 44 | Kerala | SR | 2739 | 159401496 | 499456135 | 52587857 | 61583456 | 46248213 | 51939269 | | 871216426 |
| 45 | Karnataka | SR | 3999 | 340846409 | 729187427 | 76776321 | 89909560 | 67520675 | 100520494 | 3551241 | 1408312128 |
| 46 | Pondicherry | SR | 533 | 13379884 | 97199607 | 10234170 | 11984812 | 9000406 | 12854861 | | 154653739 |
| 47 | Goa-SR | SR | 93 | 57102 | 16971304 | 1786913 | 2092579 | 1571494 | | | 22479392 |

| S.No. | Zone | Region | LTA Demand / Injection (in MW) | Usage based AC system charges (₹) | Balance AC system charges (₹) | National Component (₹) | | Regional Component (₹) | Transformers component (₹) | Bilateral Charges (₹) | Total Transmission charges payable in ₹ |
|--------------|---|--------|--------------------------------|-----------------------------------|-------------------------------|------------------------|-------------------|------------------------|----------------------------|-----------------------|---|
| | | | | AC-UBC | AC-BC | NC-RE | NC-HVDC | RC | TC | | |
| 48 | Sembcorp Energy India Ltd Project-I | SR | 55 | 4783283 | 10028376 | 1055890 | 1236509 | 928599 | | 113512 | 18146170 |
| 49 | Sembcorp Energy India Ltd Project-II | SR | 490 | 0 | 89343718 | 9407022 | 11016172 | 8272973 | | 7007360 | 125047246 |
| 50 | BHAVINI | SR | | | | | | | | 20469173 | 20469173 |
| 51 | Betam | SR | | | | | | | | 483770 | 483770 |
| 52 | AP Solar Power Corporation Pvt Ltd (APSPCL) | SR | | | | | | | | 1276471 | 1276471 |
| 53 | West Bengal | ER | 2409 | 228993841 | 439292889 | 46253255 | 54165265 | 65466787 | 48332935 | | 882504972 |
| 54 | Odisha | ER | 1766 | 99689541 | 321964739 | 33899745 | 39698584 | 47981648 | 71026853 | | 614261109 |
| 55 | Bihar | ER | 6003 | 280433149 | 1094489672 | 115239082 | 134951703 | 163109223 | 175049604 | | 1963272434 |
| 56 | Jharkhand | ER | 708 | 41972875 | 129153302 | 13598582 | 15924735 | 19247413 | 51065945 | 9869089 | 280831942 |
| 57 | Sikkim | ER | 97 | 941468 | 17661096 | 1859541 | 2177631 | 2631992 | 2688795 | | 27960523 |
| 58 | DVC | ER | 640 | 43230026 | 116778466 | 12295633 | 14398905 | 17403220 | 9385005 | | 213491255 |
| 59 | Bangladesh | ER | 782 | 7492771 | 142664456 | 15021175 | 17590674 | 21260948 | | | 204030024 |
| 60 | Arunachal Pradesh | NER | 288 | 3250222 | 52468488 | 5524420 | 6469419 | 8993762 | 13959727 | | 90666038 |
| 61 | Assam | NER | 1628 | 109770919 | 296882367 | 31258816 | 36605901 | 50889387 | 23036572 | 1016063 | 549460026 |
| 62 | Manipur | NER | 210 | 9905524 | 38314165 | 4034108 | 4724176 | 6567532 | 3999964 | | 67545468 |
| 63 | Meghalaya | NER | 264 | 4414480 | 48167779 | 5071597 | 5939137 | 8256566 | 392447 | | 72242006 |
| 64 | Mizoram | NER | 137 | 6587267 | 24967104 | 2628792 | 3078470 | 4279677 | 1532249 | | 43073558 |
| 65 | Nagaland | NER | 194 | 8294161 | 35418677 | 3729241 | 4367159 | 6071209 | 24170597 | | 82051045 |
| 66 | Tripura | NER | 302 | 5839840 | 55121652 | 5803772 | 6796556 | 9448547 | 23697326 | | 106707694 |
| TOTAL | | | 102156.54 | 7822072651 | 18626622170 | 1961201553 | 2296681690 | 2952623580 | 1804835557 | 538983702 | 36003020904 |

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

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

| Sl.No. | Name of Generating Station | State | Capacity | LTA granted | Commissioned capacity | Date of Commercial Operation | Date of LTA Operationalization | Delayed Capacity | Transmission Charges (₹) | Remarks |
|--------|------------------------------------|----------------|----------|-------------|-----------------------|---|---|------------------|--------------------------|--|
| 1 | ReNew Power Pvt Limited | Karnataka | | 300 | 174.3 | 63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21 37.8MW: 27.07.22 | 63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21 35.7MW: 27.07.22 | | 61867 | Charges computed for 26 days corresponding to 2.1 MW |
| 2 | Ostro Kutch Wind Private Ltd | Gujarat | | 300 | 46.2 | 11 MW: 13.11.2021; 11MW: 04.12.2021, 13.2MW: 30.03.2022 11MW: 10.05.2022 | 50MW: 14.04.19 | 3.8 | 114277 | |
| 3 | ReNew Power Limited | Gujarat | | 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 | 2102092 | |
| 4 | ReNew Power Limited | Gujarat | | 50 | 0 | Yet to be commissioned | 50MW: 23.11.19 | 50 | 1503642 | |
| 5 | Masaya Solar Energy Private Ltd | Madhya Pradesh | | 300 | | | 300 MW: 25.03.2022 | 300 | 9604817 | |
| 6 | NTPC LTD. (Auraiya Floating Solar) | Uttar Pradesh | | 20 | | | 20 MW: 11.04.2022 | 20 | 834345 | |
| 7 | NTPC Kawas (Solar) | Gujarat | | 39.50 | 24.69 | 14.11MW: 14.05.22 10.58MW: 15.06.2022 | 14.11MW: 27.05.2022 10.58MW: 31.05.2022 14.81MW: 24.06.2022 | 14.81 | 445379 | |
| 8 | NTPC Kawas (Solar) | Gujarat | | 16.50 | 10.31 | 5.89MW: 14.05.22 4.42MW:15.06.2022 | 5.89MW: 27.05.2022 4.42MW: 31.05.2022 6.19MW: 24.06.2022 | 6.19 | 186151 | |
| 9 | NTPC Gandhar (Solar) | Gujarat | | 14.11 | | - | 14.11MW: 09.05.2022 | 14.11 | 424328 | |
| 10 | NTPC Gandhar (Solar) | Gujarat | | 5.89 | | - | 5.89MW: 09.05.2022 | 5.89 | 177129 | |

Transmission Charges for Short Term Open Access (STOA)

| S.No. | State | Region | STOA rate (paise/kWh) |
|-------|--|--------|--------------------------|
| 1 | Delhi | NR | 53.26 |
| 2 | UP | NR | 57.94 |
| 3 | Punjab | NR | 52.98 |
| 4 | Haryana | NR | 64.04 |
| 5 | Chandigarh | NR | 44.36 |
| 6 | Rajasthan | NR | 56.22 |
| 7 | HP | NR | 42.02 |
| 8 | J&K | NR | 44.46 |
| 9 | Uttarakhand | NR | 57.76 |
| 10 | Gujarat | WR | 41.77 |
| 11 | Madhya Pradesh | WR | 44.47 |
| 12 | Maharashtra | WR | 49.12 |
| 13 | Chhattisgarh | WR | 38.21 |
| 14 | Goa | WR | 50.21 |
| 15 | Daman and Diu and Dadra and Nagar Haveli | WR | 46.99 |
| 16 | Andhra Pradesh | SR | 55.08 |
| 17 | Telangana | SR | 41.98 |
| 18 | Tamil Nadu | SR | 41.35 |
| 19 | Kerala | SR | 44.17 |
| 20 | Karnataka | SR | 48.79 |
| 21 | Pondicherry | SR | 40.29 |
| 22 | Goa-SR | SR | 33.54 |
| 23 | West Bengal | ER | 50.87 |
| 24 | Odisha | ER | 48.31 |
| 25 | Bihar | ER | 45.43 |
| 26 | Jharkhand | ER | 53.13 |
| 27 | Sikkim | ER | 40.09 |
| 28 | DVC | ER | 46.30 |
| 29 | Bangladesh | ER | 36.22 |
| 30 | Arunachal Pradesh | NER | 43.76 |
| 31 | Assam | NER | 46.78 |
| 32 | Manipur | NER | 44.64 |
| 33 | Meghalaya | NER | 37.98 |
| 34 | Mizoram | NER | 43.69 |
| 35 | Nagaland | NER | 58.67 |
| 36 | Tripura | NER | 49.02 |

Regional DIC wise break up of LTA/MTOA considered in the computations

| Sl.No. | Name of the DIC | Region | LTA/MTOA considered in the computations | Name of the state control area in which LTA/MTOA of specific DICs is included in the computations* |
|--------|-------------------------------|--------|---|--|
| 1 | UP | NR | 9153.03 | |
| 2 | Delhi | NR | 4155.16 | |
| 3 | Haryana | NR | 4243.75 | |
| 4 | Uttarakhand | NR | 1361.17 | |
| 5 | Punjab | NR | 5399.06 | |
| 6 | Rajasthan | NR | 4167.15 | |
| 7 | Himachal Pradesh | NR | 1683.21 | |
| 8 | Jammu & Kashmir | NR | 2305.11 | |
| 9 | Chandigarh | NR | 352.24 | |
| 10 | Noida Power Company Ltd, UP | NR | 170.00 | Uttar Pradesh |
| 11 | Railways_UP | NR | 256.88 | Uttar Pradesh |
| 12 | Railways_Haryana | NR | 55.00 | Haryana |
| 13 | Railways_Delhi | NR | 15.00 | Delhi |
| 14 | Railways_Rajasthan | NR | 10.00 | Rajasthan |
| 15 | Railways_Punjab | NR | 35.00 | Punjab |
| 16 | PG-Rihand | NR | 0.74 | Uttar Pradesh |
| 17 | PG-Dadri | NR | 0.76 | Uttar Pradesh |
| 18 | PG-Agra | NR | 2.36 | Uttar Pradesh |
| 19 | PG-Balia | NR | 0.95 | Uttar Pradesh |
| 20 | PG-Bhiwadi | NR | 0.95 | Rajasthan |
| 21 | PG-Kurukshetra | NR | 3.30 | Haryana |
| 22 | MB Power | NR | 175.00 | |
| 23 | WBSEDCL | NR | 600.00 | |
| 24 | GMR Kamalanga Energy Pvt. Ltd | NR | 75.00 | |
| 25 | Jorthang | NR | 86.40 | |
| 26 | Tashiding | NR | 87.30 | |
| 27 | Gujarat | WR | 9228.79 | |
| 28 | Madhya Pradesh | WR | 7547.57 | |
| 29 | Chhattisgarh | WR | 2884.78 | |
| 30 | Maharashtra | WR | 6999.07 | |
| 31 | GOA | WR | 513.39 | |
| 32 | D&D and DNH | WR | 1480.81 | |
| 33 | HVDC Bhadrawathi | WR | 0.91 | Maharashtra |
| 34 | HVDC Vindhyachal | WR | 0.69 | Madhya Pradesh |
| 35 | BARC Facility | WR | 9.10 | Maharashtra |
| 36 | Heavy Water Plant of DAE | WR | 12.88 | Gujarat |
| 37 | HVDC Champa | WR | 3.19 | Chhattisgarh |
| 38 | HVDC Raigarh | WR | 1.88 | Chhattisgarh |
| 39 | Railways_MP | WR | 209.00 | Madhya Pradesh |
| 40 | Railways_Maharashtra | WR | 122.18 | Maharashtra |
| 41 | ACB Ltd. | WR | 49.94 | |
| 42 | JINDAL | WR | 125.00 | |
| 43 | Torrent Power | WR | 200.00 | |

| Sl.No. | Name of the DIC | Region | LTA/MTOA considered in the computations | Name of the state control area in which LTA/MTOA of specific DICs is included in the computations* |
|--------------|--------------------------------------|--------|---|--|
| 44 | DB Power | WR | 186.00 | |
| 45 | GMR Warora Energy Ltd, Maharashtra | WR | 44.59 | |
| 46 | CSPTCL | WR | 261.00 | |
| 47 | TRN Energy Pvt. Ltd. | WR | 3.00 | |
| 48 | Sembcorp Energy India Ltd | WR | 115.00 | |
| 49 | WBSEDCL | WR | 400.00 | |
| 50 | BIHAR | ER | 5901.75 | |
| 51 | JHARKHAND | ER | 708.33 | |
| 52 | DVC | ER | 330.46 | |
| 53 | ORISSA | ER | 1765.80 | |
| 54 | WEST BENGAL | ER | 2407.87 | |
| 55 | SIKKIM | ER | 96.86 | |
| 56 | Bangladesh | ER | 782.43 | |
| 57 | TATA Steel Ltd. | ER | 200.00 | DVC |
| 58 | Railways_Bihar | ER | 100.00 | Bihar |
| 59 | Railways_DVC | ER | 110.00 | DVC |
| 60 | HVDC Alipurduar | ER | 1.41 | West Bengal |
| 61 | POWERGRID PUSAULI | ER | 0.91 | Bihar |
| 62 | Andhra Pradesh | SR | 1725.77 | |
| 63 | Karnataka | SR | 3987.68 | |
| 64 | KSEB | SR | 2738.13 | |
| 65 | Tamil Nadu | SR | 8384.56 | |
| 66 | Telangana | SR | 3894.69 | |
| 67 | Puducherry | SR | 533.09 | |
| 68 | Goa | SR | 93.08 | |
| 69 | SAIL, Salem | SR | 13.65 | Tamil Nadu |
| 70 | Railways_Karnataka | SR | 10.00 | Karnataka |
| 71 | PG-HVDCGazuwaka | SR | 0.98 | Andhra Pradesh |
| 72 | PG-HVDCTalcher | SR | 1.50 | Andhra Pradesh |
| 73 | PG-HVDCKolar | SR | 1.50 | Karnataka |
| 74 | PG-HVDC Pugalur | SR | 2.92 | Tamil Nadu |
| 75 | PG-HVDC Thrissur | SR | 1.11 | Kerala |
| 76 | Sembcorp Energy India Ltd Project-I | SR | 55.00 | |
| 77 | Sembcorp Energy India Ltd Project-II | SR | 490.00 | |
| 78 | Arunachal Pradesh | NER | 287.76 | |
| 79 | Assam | NER | 1621.87 | |
| 80 | Manipur | NER | 210.13 | |
| 81 | Meghalaya | NER | 264.17 | |
| 82 | Mizoram | NER | 136.93 | |
| 83 | Nagaland | NER | 194.25 | |
| 84 | Tripura | NER | 302.31 | |
| 85 | PG-HVDC BNC | NER | 1.37 | Assam |
| 86 | Railway_Assam | NER | 5.00 | Assam |
| TOTAL | | | 102156.538 | |

**Note: Transmission charges of the state are to be shared on prorata basis on the basis of LTA/MTOA of the DICs included in the state's control area as mentioned in the table*

Transmission Charges claimed by ISTS licensees for the billing period July'22

| S.No. | Name of the Transmission Licensee | Total YTC claimed by Licensees (₹ Cr) | Total YTC allowed for July'22 (₹ Cr) | Equivalent MTC to be considered for July'22 (₹ Cr) | Remarks |
|-------|---|---------------------------------------|--------------------------------------|--|---|
| 1 | Powergrid Corporation Of India Ltd | 33197.46 | 33197.46 | 2819.51 | As per data furnished by ISTS Licensee for July'22. 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 | 618.87 | 618.87 | 52.56 | As per data furnished by ISTS Licensee for July'22 |
| 3 | Chhattisgarh-WR Transmission Limited. | 165.00 | 165.00 | 14.01 | As per data furnished by ISTS Licensee for July'22 |
| 4 | Raipur Rajnandgaon-WR Transmission Limited. | 219.74 | 219.74 | 18.66 | As per data furnished by ISTS Licensee for July'22 |
| 5 | Sipat Transmission Limited. | 94.92 | 94.92 | 8.06 | As per data furnished by ISTS Licensee for July'22 |
| 6 | Western Transmission Gujarat Limited | 53.00 | 53.00 | 4.50 | As per data furnished by ISTS Licensee for July'22 |
| 7 | Western Transco Power Limited | 97.41 | 97.41 | 8.27 | As per data furnished by ISTS Licensee for July'22 |
| 8 | Alipurduar Transmission Limited | 153.02 | 153.02 | 13.00 | As per data furnished by ISTS Licensee for July'22 |
| 9 | Fatehgarh-Bhadla Transmission Ltd. | 48.09 | 48.09 | 4.08 | As per data furnished by ISTS Licensee for July'22 |
| 10 | North Karanpura Transco Limited | 23.64 | 23.64 | 2.01 | As per data furnished by ISTS Licensee for July'22 |
| 11 | Bikaner-Khetri Transmission Limited | 128.95 | 128.95 | 10.95 | As per data furnished by ISTS Licensee for July'22 |
| 12 | Jam Khambaliya Transco Limited | 40.36 | 40.36 | 3.43 | As per data furnished by ISTS Licensee for July'22 |
| 13 | Aravali Power Company Private Limited | 10.42 | 10.42 | 0.88 | Data not furnished for July'22. Considered the same as in the earlier billing period. |
| 14 | Essar Power Transmission Company Limited | 405.68 | 405.68 | 34.45 | Data not furnished for July'22. Considered the same as in the earlier billing period. |
| 15 | Jindal Power Limited | 19.12 | 19.12 | 1.62 | As per data furnished by ISTS Licensee for July'22 |
| 16 | Kudgi Transmission Limited | 196.29 | 196.29 | 16.67 | As per data furnished by ISTS Licensee for July'22 |
| 17 | Parbati Koldam Transmission Company Limited | 171.37 | 171.37 | 14.55 | As per data furnished by ISTS Licensee for July'22 |
| 18 | Bhopal Dhule Transmission Company Ltd. | 260.51 | 260.51 | 22.13 | As per data furnished by ISTS Licensee for July'22 |
| 19 | East North Interconnection Company Limited | 144.63 | 144.63 | 12.28 | As per data furnished by ISTS Licensee for July'22 |
| 20 | Gurgaon Palwal Transmission Limited | 140.93 | 140.93 | 11.97 | As per data furnished by ISTS Licensee for July'22 |
| 21 | Jabalpur Transmission Company Limited | 146.99 | 146.99 | 12.48 | As per data furnished by ISTS Licensee for July'22 |
| 22 | Maheshwaram Transmission Limited | 55.99 | 55.99 | 4.76 | As per data furnished by ISTS Licensee for July'22 |
| 23 | Khargone Transmission Company Ltd. | 182.13 | 182.13 | 15.47 | As per data furnished by ISTS Licensee for July'22 |
| 24 | Goa Tamnar Transmission Projects Limited | 42.64 | 42.64 | 3.62 | As per data furnished by ISTS Licensee for July'22 |
| 25 | MUMBAI URJA MARG LIMITED | 29.08 | 29.08 | 2.31 | Asset Commissioned on 03.07.2022. So, MTC is considered for 29 days. |
| 26 | NRSS-XXIX Transmission Limited | 501.95 | 501.95 | 42.63 | As per data furnished by ISTS Licensee for July'22 |
| 27 | Odisha Generation Phase-II Transmission Limited | 154.24 | 154.24 | 13.10 | As per data furnished by ISTS Licensee for July'22 |
| 28 | Patran Transmission Company Limited | 30.73 | 30.73 | 2.61 | As per data furnished by ISTS Licensee for July'22 |
| 29 | Purulia & Kharagpur Transmission Company Limited | 72.43 | 72.43 | 6.15 | As per data furnished by ISTS Licensee for July'22 |
| 30 | Rapp Transmission Company Limited | 44.03 | 44.03 | 3.74 | As per data furnished by ISTS Licensee for July'22 |
| 31 | NER-II Transmission Limited | 412.53 | 412.53 | 35.04 | As per data furnished by ISTS Licensee for July'22 |
| 32 | Teestavalley Power Transmission Limited | 257.15 | 257.15 | 21.84 | As per data furnished by ISTS Licensee for July'22 |
| 33 | Torrent Power Grid Limited | 39.40 | 39.40 | 3.35 | As per data furnished by ISTS Licensee for July'22 |
| 34 | Darbhanga-Motihari Transmission Company Limited | 134.73 | 134.73 | 11.44 | As per data furnished by ISTS Licensee for July'22 |
| 35 | NRSS XXXI (B) Transmission Limited | 98.09 | 98.09 | 8.33 | As per data furnished by ISTS Licensee for July'22 |
| 36 | Jaypee Powergrid Limited | 138.41 | 138.41 | 11.76 | Data not furnished for July'22. Considered the same as in the earlier billing period. |
| 37 | Kohima Mariani Transmission Limited | 237.50 | 237.50 | 20.17 | As per data furnished by ISTS Licensee for July'22 |
| 38 | Raichur Sholapur Transmission Company Private Limited | 35.20 | 35.20 | 2.99 | As per data furnished by ISTS Licensee for July'22 |
| 39 | Damodar Valley Corporation | 109.09 | 109.09 | 9.26 | As per data furnished by ISTS Licensee for July'22 |
| 40 | Powerlinks Transmission Limited | 137.17 | 137.17 | 11.65 | As per data furnished by ISTS Licensee for July'22 |
| 41 | NRSS XXXVI Transmission Limited | 1.28 | 1.28 | 0.11 | Data not furnished for July'22. 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 July'22 (₹ Cr) | Equivalent MTC to be considered for July'22 (₹ Cr) | Remarks |
|-------|---|---------------------------------------|--------------------------------------|--|---|
| 42 | Warora-Kurnool Transmission Limited | 6.21 | 6.21 | 0.53 | As per data furnished by ISTS Licensee for July'22 |
| 43 | Powergrid Vizag Transmission Limited | 234.47 | 234.47 | 19.91 | As per data furnished by ISTS Licensee for July'22 |
| 44 | Powergrid NM Transmission Limited | 111.40 | 111.40 | 9.46 | As per data furnished by ISTS Licensee for July'22 |
| 45 | Powergrid Unchahar Transmission Limited | 19.76 | 19.76 | 1.68 | As per data furnished by ISTS Licensee for July'22 |
| 46 | Powergrid Parli Transmission Limited | 326.22 | 326.22 | 27.71 | As per data furnished by ISTS Licensee for July'22 |
| 47 | Powergrid Kala Amb Transmission Limited | 68.66 | 68.66 | 5.83 | As per data furnished by ISTS Licensee for July'22. Bilateral payment of HPSEB is also included in the claimed YTC |
| 48 | Powergrid Southern Interconnector Transmission System Limited | 462.10 | 462.10 | 39.25 | As per data furnished by ISTS Licensee for July'22 |
| 49 | Powergrid Jabalpur Transmission Limited | 256.43 | 256.43 | 21.78 | As per data furnished by ISTS Licensee for July'22 |
| 50 | Powergrid Warora Transmission Limited | 364.20 | 364.20 | 30.93 | As per data furnished by ISTS Licensee for July'22 |
| 51 | Powergrid Medinipur Jeerat Transmission Limited | 555.23 | 555.23 | 47.16 | As per data furnished by ISTS Licensee for July'22 |
| 52 | Powergrid Mithilanchal Transmission Limited | 170.00 | 170.00 | 14.44 | As per data furnished by ISTS Licensee for July'22 |
| 53 | Powergrid Ajmer Phagi Transmission Limited | 63.57 | 63.57 | 5.40 | As per data furnished by ISTS Licensee for July'22 |
| 54 | Powergrid Varanasi Transmissoin System Limited | 116.97 | 116.97 | 9.93 | As per data furnished by ISTS Licensee for July'22 |
| 55 | Powergrid Fatehgarh Transmission Limited | 74.54 | 74.54 | 6.33 | As per data furnished by ISTS Licensee for July'22 |
| 56 | Powergrid Khetri Transmission System Ltd. | 126.71 | 126.71 | 10.76 | As per data furnished by ISTS Licensee for July'22 |
| 57 | North East Transmission Company Limited | 260.21 | 260.21 | 22.10 | As per data furnished by ISTS Licensee for July'22 |
| 58 | Transmission Corporation Of Andhra Pradesh (APTRANSCO) | 439.71 | 44.86 | 3.81 | As per data furnished by ISTS Licensee for July'22 |
| 59 | Madhya Pradesh Power Transmision Co. Ltd. | 12.54 | 12.54 | 1.06 | As per data furnished by ISTS Licensee for July'22 |
| 60 | Karnataka Power Transmission Corporation Limited | 1.42 | 1.42 | 0.12 | Data not furnished by ISTS Licensee for July'22. CERC Tariff Order dated 12.06.2019 has been considered |
| 61 | Delhi Transco Limited | 3.12 | 3.12 | 0.26 | Data not furnished by ISTS Licensee for July'22. Data as furnished by ISTS Licensee for Dec'20 has been considered. |
| 62 | Power Transmission Corporation Of Uttarakhand Ltd | 43.42 | 43.42 | 3.69 | Data furnished by ISTS Licensee for July'22. CERC Tariff Order dated 09.11.2021 , 25.11.2021 and 13.06.2021 have been considered. |
| 63 | Rajasthan Rajya Vidhyut Prasaran Nigam Ltd. | 33.98 | 6.37 | 0.54 | Data not furnished by ISTS Licensee for July'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. RPC certified non-ISTS as ISTS has not been considered in line with clause 13 (13) of Sharing Regulations,2020 |
| 64 | Tamilnadu Transmission Corporation Limited | 0.59 | 0.59 | 0.05 | Data not furnished by ISTS Licensee for July'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered |
| 65 | Chhattisgarh State Power Transmission Company Ltd | 0.75 | 0.75 | 0.06 | Data not furnished for July'22. Considered the same as in the earlier billing period. |
| 66 | Himachal Pradesh Power Transmission Corporation Ltd | 2.61 | 2.61 | 0.22 | Data not furnished for July'22. Considered the same as in the earlier billing period. |
| 67 | Odisha Power Transmission Corporation Limited | 9.80 | 9.67 | 0.82 | Data not furnished by ISTS Licensee for July'22. 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. |
| 68 | Uttarpradesh Power Transmission Corporation Limited | 27.23 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 |
| 69 | Power Development Department, Jammu & Kashmir | 10.11 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 |
| 70 | Gujarat Energy Transmission Corporation Limited | 5.71 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 |
| 71 | Maharashtra State Electricity Transmission Company Ltd | 97.68 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 |
| 72 | West Bengal State Electricity Transmission Company Ltd | 32.05 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 July'22 (₹ Cr) | Equivalent MTC to be considered for July'22 (₹ Cr) | Remarks |
|-------|--|---------------------------------------|--------------------------------------|--|---|
| 73 | Haryana Vidyut Prasaran Nigam Limited | 0.34 | 0.34 | 0.03 | As per data furnished by ISTS Licensee for July'22 |
| 74 | Assam Electricity Grid Corporation Limited | 10.78 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 |
| 75 | Meghalaya Power Transmission Corporation Limited | 3.61 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 |
| 76 | Kerala State Electricity Board | 10.06 | 0.00 | 0.00 | Data not furnished by ISTS Licensee for July'22. 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 July'22 from the claimed assets of ISTS licensees (₹ Crores)

3600.30

Details of Entity-wise bilateral billing

| 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 | 02 Nos of 132 kV line bays at Daltonganj Substation | Powergrid | Jharkhand Urja Sancharan Nigam Limited (JUSNL) | ER | 832668 | Jharkhand | As per Regulation 13(12) of Sharing Regulations 2020 |
| 2 | 04 Nos. 220 KV Bays at Daltonganj Sub-station; | Powergrid | | | | | |
| 3 | 220 kV, 2 nos. Line bays at Hamirpur Sub-station | Powergrid | Himachal Pradesh Power Transmission Corporation Limited (HPPTCL) | NR | 1314230 | Himachal Pradesh | As per Regulation 13(12) of Sharing Regulations 2020 |
| 4 | 02 Nos. 220 KV Line Bays (HPSEB Future Bays) | Powergrid | Himachal Pradesh State Electricity Board (HPSEB) | NR | 50174835 | Himachal Pradesh | As per Regulation 13(12) of Sharing Regulations 2021 |
| 5 | GIS substation 7X105 MVA (1-ph), 400/220 kV at Kala Amb (Himachal Pradesh) and LLO of Karcham Wangtoo - Abdullapur 400 kV D/C | Powergrid | | | | | As per Regulation 13(12) of Sharing Regulations 2022 |
| 6 | 220kV, 2 Nos. Line bays at Jallandhar Substation | Powergrid | Punjab State Transmission Corporation Limited (PSTCL) | NR | 935605 | Punjab | As per Regulation 13(12) of Sharing Regulations 2020 |
| 7 | Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S | Powergrid | Rajasthan DISCOMS | NR | 1000068 | Rajasthan | As per Regulation 13(12) of Sharing Regulations 2021 |
| 8 | 2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation | Powergrid | Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL) | NR | 1148784 | Rajasthan | As per Regulation 13(12) of Sharing Regulations 2022 |
| 9 | 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 LLO at Kota) | Powergrid | RAPP 7&8, NPCIL | NR | 33406195 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 10 | One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation | Powergrid | Uttar Pradesh Power Transmission Corporation Limited (UPPTCL) | NR | 3671419 | Uttar Pradesh | As per Regulation 13(12) of Sharing Regulations 2020 |
| 11 | One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation | | | | | | |
| 12 | 1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station | | | | | | |
| 13 | 2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station | Powergrid | Betam | SR | 483770 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 14 | Asset 1. Kalpakkam PFBR-Sirucher 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 | 20469173 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 15 | 220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line | Powergrid | Karnataka DISCOMS | SR | 840822 | Karnataka | As per Regulation 13(12) of Sharing Regulations 2020 |
| 16 | 04 No. 220 KV bays at 400/220kV Yelahanka Substation | Powergrid | Karnataka Power Transmission Corporation Limited (KPTCL) | SR | 2710419 | Karnataka | As per Regulation 13(12) of Sharing Regulations 2021 |
| 17 | Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad) | Powergrid | Sembcorp Energy India Ltd Project-I | SR | 113512 | | As per Regulation 13(9) of Sharing Regulations 2020 |
| 18 | HVDC Mundra-Mahendergarh | Powergrid | Adani Power Limited | WR | 285612071 | | -- |
| 19 | 2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa- (Colvale) (Powergrid)-Tuem 220 kV D/C line) | Powergrid | Goa Electricity Department (GED), Goa | WR | 1254778 | Goa | As per Regulation 13(12) 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 | Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation | Powergrid | Gujarat Urja Vikas Nigam Limited (GUVNL) | WR | 972041 | Gujarat | As per Regulation 13(12) of Sharing Regulations 2021 |
| 21 | 400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 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 |
| 22 | 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 | 11577092 | Gujarat | As per Regulation 13(3) of Sharing Regulations 2020 |
| 23 | MBPMPPL TPS-Jabalpur PS 400 kV D/c (Triple) line | Powergrid | MB Power | WR | 8993256 | | As per Regulation 13(9) of Sharing Regulations 2020 |
| 24 | 1 no. 220 kV line bays at 400/220 kV Indore substation | Powergrid | Madhya Pradesh Power Transmission Corporation Limited (MPPTCL) | WR | 1235668 | Madhya Pradesh | As per Regulation 13(12) of Sharing Regulations 2020 |
| 25 | 1 no. 220 kV line bay at 400/220 kV Indore substation | | | | | | |
| 26 | 2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation | Powergrid | AP Solar Power Corporation Pvt Ltd (APSPCL) | SR | 1276471 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 27 | LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL) | NER-II Transmission Ltd | Assam Electricity Grid Corporation Limited (AEGCL) | NER | 1016063.34 | Assam | As per Regulation 13(12) of Sharing Regulations 2020 |
| 28 | 04 Nos. 220 kV bays at Dehradun Substation | Powergrid | Power Transmission Corporation Of Uttarakhand Limited | NR | 2624468.49 | Uttarakhand | As per Regulation 13(12) of Sharing Regulations 2020 |
| 29 | YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad) | Powergrid | Sembcorp Energy India Ltd Project-2 | SR | 7007360.39 | | As per Regulation 13(9) of Sharing Regulations 2020 |
| 30 | ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station | Powergrid | Jharkhand Urja Sancharan Nigam Limited (JUSNL) | ER | 9036420.38 | Jharkhand | As per Regulation 13(12) of Sharing Regulations 2020 |
| 31 | Establishment of 4x500MVA, 400/220kV Jam Khambhaliya PS (GIS) | Jam Khambhaliya Transco Limited | Powerica Ltd. | WR | 18913549.80 | | As per Regulation 13(12) of Sharing Regulations 2020 |
| 32 | 1x125MVAR, 420kV Bus reactor at Jam Khambhaliya PS along with reactor bay | | | WR | | As per Regulation 13(12) of Sharing Regulations 2020 | |
| 33 | Extension of Essar-Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS | | | WR | | As per Regulation 13(12) of Sharing Regulations 2020 | |
| 34 | 2 nos. of 400kV line bays at Jam Khambhaliya PS for termination of Jam Khambhaliya PS-Lakadia 400kV D/C (triple) line | | | WR | | As per Regulation 13(12) of Sharing Regulations 2020 | |
| 35 | 63MVAR switchable Line Reactor at both ends of Lakadia - Jam Khambhaliya 400kV D/c line along with 500 Ohms NGR on both circuits & at both ends of Lakadia - Jam Khambhaliya 400 kV D/c line | | | WR | | As per Regulation 13(12) of Sharing Regulations 2020 | |
| 36 | Mahan Bilaspur Line | Essar Power Transmission Company Ltd. | Mahan Energen Limited (formerly Essar Power M.P. Ltd) | WR | 62607664.92 | | As per CERC order dated 14.03.2022 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2021 |

| 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 |
|--------------|--|---------------------------------------|---|--------|------------------|--|---|
| 37 | 2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station | Powergrid | Adani Renewable Energy Park Rajasthan Limited | NR | 2009267.00 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 38 | Establishment of 400 kV Pooling Station at Fatehgarh | Fatehgarh Badhla Transmission Limited | Adani Renewable Energy Park Rajasthan Limited | NR | 1226281.00 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 39 | Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV) | | ACME Solar Holdings Pvt. Ltd | NR | 1954752.00 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 40 | 2 Nos. 400 kV line bays at Fatehgarh Pooling Station | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 41 | 1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 42 | Space for future 220kV (12 Nos) Line Bays | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 43 | Space for future 400kV (8 Nos) Line Bays alongwith line reactors at Fatehgarh Pooling Station | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 44 | 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 |
| 45 | Space for future 400kV bus reactors (2 Nos) alongwith associated bays. | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 46 | 400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation; | Powergrid | EsseL Saurya Urja Company of Rajasthan Limited (ESUCRL) | NR | 4564995.83 | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 47 | 500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation, | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| 48 | 500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation | | | NR | | | As per Regulation 13(3) of Sharing Regulations 2020 |
| TOTAL | | | | | 538983702 | | |

Commercial data related to LTA details of exempted Renewable Energy (RE) based generation (Cumulative till Jul'22)

| S.No | Name of the LTA customer (RE Injecting utility) | Region | Quantum of LTA Granted/ MTOA operationalised | LTA/MTOA with tied up beneficiaries | Name of the beneficiaries (for entire LTA granted) | Effective date of LTA/MTOA operationlization | Exempted quantum in MW (as on Jul'22) | Remarks | PS | SPD/SPV/Subsidiary |
|------|---|--------|--|-------------------------------------|---|---|---------------------------------------|---|---------|--------------------|
| 1 | Rewa Ultra Mega Solar Power Development | WR | 750 | 750 | MP-651 MW, DMRC-99 MW | 490MW:07.07.18; 260 MW: 13.04.19 | 750 | No billing for Sep'22 billing month. | Rewa | |
| 2 | Ostro Kutch Wind Private Limited | WR | 300 | 300 | GRIDCO-50 MW, Jharkhand-50 MW, Bihar-50 MW, UPPCL-150MW | 126MW: 24.08.18; 50MW: 02.11.18; 50MW: 29.12.18; 24MW: 30.03.19; 50MW: 14.04.19 | 296.2 | Included in Format II G (3). | Bhachau | |
| 3 | Inox Wind Infrastructure Services Limited | WR | 500 | 500 | Bihar -50 MW, Jharkhand -50 MW, UP - 200 MW, BRPL - 50 MW, Haryana - 150 MW | 500MW: 14.04.2019 | 210 | Bills are being raised for mismatch period. 10MW COD w.e.f 04.09.2021. | Bhuj PS | |
| 4 | ReNew Power Limited | WR | 300 | 300 | UP - 100 MW, PSPCL - 100 MW, GRIDCO - 50 MW, GOA - 50 MW | 300MW: 01.05.19 | 230.1 | Included in Format II G (3) | | |
| 5 | ReNew Power Limited | WR | 50 | 50 | UHBVN & DHBVN - 50MW | 50MW: 23.11.19 | 0 | Included in Format II G (3) | | |
| 6 | Green Infra Wind Energy Ltd. | WR | 250 | 250 | Assam (APDCL) - 50 MW, GRIDCO Ltd.-100 MW, Jharkhand (JBVNL)- 100 MW | 151.2MW:14.04.19; 98.8 MW: 04.11.19 | 250 | No billing for Sep'22 billing month. Billing for prior mismatch period corresponding to 98.8 MW will be raised upon receipt of approved CERC tariff order for ATS. | | |
| 7 | Green Infra Wind Energy Ltd. | WR | 300 | 300 | PSPCL -200 MW, Bihar DISCOMs: 100 MW (NBPDC & SBPDCL) | 300 MW: 04.11.19 | 300 | No billing for Sep'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. | | |
| 8 | Adani Green Energy MP Ltd. (AGEMPL Dayapar) | WR | 100 | 100 | UPPCL - 40 MW , NPCL - 10 MW, PSPCL - 50 MW | 100 MW: 04.11.19 | 100 | No billing for Sep'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. | | |
| 9 | SEI Sunshine | WR | 180 | 180 | TPDDL-180 MW | 90 MW:18.11.19; 90 MW: 01.04.20 | 180 | No Billing for Sep'22 billing month | | |
| 10 | Alfanar Energy Pvt. Limited | WR | 300 | 300 | BRPL -150 MW, BYPL -50 MW, TPDDL - 50 MW, Bihar - 50 MW | 100MW: 31.01.20; 50MW: 15.02.20; 50MW: 28.02.20; 36MW: 06.10.20; 36MW: 20.10.20; 28MW: 10.02.21 | 300 | No billing for Sep'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Already included in Format II G(2). | | |
| 11 | ReNew Wind Energy (AP2) Private Limited (2 separate LTA grants, 1 to Haryana & 2nd to GRIDCO) | WR | 262.5 | 262.5 | Haryana | 50 MW:25.02.20; 100 MW: 20.09.20; 20: 03.12.20; 40: 10.12.20; 43.75: 20.12.20 4.375: 27.01.21 4.375: 19.02.21 | 262.5 | No billing for Sep'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Included in Format II G(2). | Bhuj | |

| S.No | Name of the LTA customer (RE Injecting utility) | Region | Quantum of LTA Granted/ MTOA operationalised | LTA/MTOA with tied up beneficiaries | Name of the beneficiaries (for entire LTA granted) | Effective date of LTA/MTOA operationization | Exempted quantum in MW (as on Jul'22) | Remarks | PS | SPD/SPV/Subsidiary |
|------|---|--------|--|-------------------------------------|---|--|---------------------------------------|---|---------|--|
| | | | 37.5 | 37.5 | GRIDCO | 30: 10.12.2020 6.25: 20.12.2020 0.625: 27.01.21 0.625: 19.02.21 | 37.5 | LTA operationalized on existing margin. No billing for Sep'22 Billing month. Included in Format II G(2). | | |
| 12 | Mytrah Energy (India) Pvt Ltd (GEC-I Corridor) | SR | 250 | 250 | UPPCL -100 MW, Jharkhand -50 MW, Bihar - 50 MW, Assam - 50 MW | 75MW: 10.06.18; 50MW: 30.09.18; 125MW: 01.12.18; | 250 | No billing for Sep'22 billing month. | | |
| 13 | AP Solar Power Corporation Pvt Ltd (NP Kunta) | SR | 1500 | 1500 | Andhra Pradesh-1500MW | 250MW: 11.07.16; 750MW: 04.08.18; 500MW: 01.10.18; | 1400 | Included in Format II G (1) | | |
| 14 | Karnataka Solar Power development Corporation Ltd | SR | 2050 | 2050 | Karnataka-1850 MW, UPPCL-200 MW | 600MW: 12.07.18; 400MW: 28.09.18; 200MW: 30.12.19; 850 MW: 03.05.20 | 2050 | No billing for Sep'22 billing month. | | |
| 15 | Green Infra Renewable Energy Ltd. | SR | 249.9 | 249.9 | UPPCL -99.9 MW, Jharkhand -50 MW, Bihar - 50 MW, BRPL - 50 MW | 249.9 MW: 10.10.18 | 249.9 | No delay. Hence, no billing. | | |
| 16 | Orange Sironj Power Pvt. Ltd. | SR | 200 | 200 | Bihar - 100 MW, Haryana - 100 MW | 200 MW: 22.02.19 | 200 | No billing for Sep'22 billing month. | | |
| 17 | Betam Wind Energy Private Limited | SR | 250.2 | 250.2 | Bihar - 50.2 MW, Odisha-100 MW, UPPCL -100 MW | 250.2 MW:31.07.19 | 218.2 | LTA was granted on existing margins. However, CERC in tariff petition 172/TT/2018 has linked the LTA to 2X500MVA, 400/230KV ICTs at Tirunelveli Pool (Tuticorin-II). Therefore, Betam is not included in FORMAT II-G(3). | | |
| 18 | Saurya Urja Company of Rajasthan Limited | NR | 500 | 500 | UPPCL-500 MW | 500 MW: 27.10.19 | 500 | No billing for Sep'22 billing month. | Bhadla | Clan Solar Power (Bhadla) Pvt. Ltd. : 300MW SB Energy Four Pvt. Ltd.: 200MW |
| 19 | Adani Renewable Energy Park Rajasthan Ltd. | NR | 250 | 250 | UPPCL-250 MW | 250 MW: 27.10.19 | 250 | No delay. Hence, no billing. | Bhadla | Azure Power India Pvt. Ltd.: 200MW ReNew Solar Power Pvt. Ltd.:50MW |
| 20 | NTPC Ltd. (Auraiya Solar) | NR | 20 | 20 | UPPCL-20MW | 15MW: 25.10.2020 5MW: 30.11.2020 | 20 | No billing for Sep'22 billing month. | Auraiya | |
| 21 | Sprng Renewable Energy Pvt Limited | SR | 300 | 300 | UP-300 MW | 300 MW: 30.11.19 | 300 | No billing for Sep'22 billing month. | | |
| 22 | Adani Wind Energy Kutchh Three Limited | WR | 250 | 250 | Chandigarh Administration, UT, Chandigarh 40MW Uttar Pradesh Power Corporation Ltd 85MW Kerala State Electricity Board Ltd 75MW GRIDCO LTD. 50MW | 115 MW: 05.02.2021 30.5 MW: 15.03.2021 43.8 MW: 08.04.2021 28.5 MW: 05.05.2021 32.2 MW: 09.05.2021 | 250 | No Billing for Sep'22 billing month. Included in Format II G(2). | Bhuj | |
| 23 | Continuum Power Trading (TN) Pvt. Ltd | WR | 50 | 50 | MPPMCL | 15.02.2021 | 50 | 32MW RE Capacity commissioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for Sep'22 billing month. Included in Format II G(2). | Bhuj | |
| 24 | Avikiran Solar India Private Ltd.. (ASIPL) | WR | 285 | 285 | MSEDCL-100MW MPPMCL-185MW | 09.05.2021 | 126 | LTA made effective vide letter dated 07.05.2021 upon commissioning of identified transmission system (Bhuj ICT Augmentation scheme) but generation is delayed. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. COD of 16.8 MW: 24.02.2022; 25.2MW: 04.03.2022; 35.7MW: 06.03.2022; 21MW:11.03.2022; 12.60MW: 19.04.22; 14.70MW: 22.04.22 | Bhuj | |

| S.No | Name of the LTA customer (RE Injecting utility) | Region | Quantum of LTA Granted/ MTOA operationalised | LTA/MTOA with tied up beneficiaries | Name of the beneficiaries (for entire LTA granted) | Effective date of LTA/MTOA operationization | Exempted quantum in MW (as on Jul'22) | Remarks | PS | SPD/SPV/Subsidiary |
|------|---|--------|--|-------------------------------------|--|---|---------------------------------------|---|------------|---|
| 25 | Essel Surya Urja Company of Rajasthan Ltd. | NR | 750 | 750 | PSPCL-300MW NBPDC-207MW SBPDCL-243MW | 01.06.2021 | 300 | Included in Format II G (1). | Bhadla | SB Energy Six Pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW |
| 26 | Adani Green Energy (MP) Limited | WR | 75 | 75 | MSEDCL | 01.07.2021 | 75 | MTOA was operational upto 30-Jun-2021. Now, The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2). | | |
| 27 | Adani Renewable Energy Park Rajasthan Ltd. | NR | 1000 | 996 | TSSPDCL-208.82MW TSNPDC-87.18MW AEML-700MW | 01.08.2021 | 247.20 | LTA made effective vide CTU letter dated 31.07.2021 but generation is delayed. 1000MW is on Target (NR) till 11.08.2021. After 11.08.2021, 704MW is on Target (NR) and 296MW is on Firm (SR). After 21.12.2021, 4MW is on Target, 700 MW Firm (WR) and 296 MW Firm (SR). COD of 49.92 MW: 30.12.21 & COD of 74.88MW: 05.02.2022, 74.88MW: 05.03.2022, 47.52MW: 19.06.2022 | Fatehgarh | NTPC Ltd.:296MW Adani Hybrid Energy Jaisalmer Four Ltd.: 700MW |
| 28 | Gujarat Power Corporation Limited | WR | 700 | 600 | GUVNL:600MW WR TARGET:100MW | 12.08.2021 | 485 | Included in Format II G (1) | Radhanesda | |
| 29 | Azure Power India Pvt. Ltd. | NR | 130 | 130 | MSEDCL | 01.09.2021 | 130 | No Billing for Sep'22 billing month | Bhadla | Azure Power Thirty Four Pvt. Ltd. |
| 30 | Tata Power Renewable Energy Ltd. | NR | 150 | 150 | MSEDCL | 01.09.2021 | 150 | No Billing for Sep'22 billing month | Bhadla | Tata Power Renewable Energy Ltd. |
| 31 | Azure Power India Pvt. Ltd. | NR | 300 | 300 | GRIDCO: 200MW BRPL: 100MW | 01.09.2021 | 300 | LTA was made effective vide CTU letter dated 26.08.2021. 50MW w.e.f. 13.10.2021, 50MW COD w.e.f 02.11.2021 and 50MW COD w.e.f 30.11.2021, 50MW COD w.e.f. 27.12.2021, 50MW COD w.e.f. 31.01.2022, 50MW: 07.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. | Bhadla | Azure Power Forty One Pvt. Ltd. |
| 32 | Azure Power India Pvt. Ltd. | NR | 200 | 200 | MPPMCL | 01.09.2021 | 200 | COD of 53MW: 14.02.2022, COD of 147MW: 30.03.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. | Bhadla | Azure Power Maple Pvt. Ltd. |
| 33 | Azure Power India Pvt. Ltd. | NR | 50 | 50 | MPPMCL | 01.09.2021 | 50 | COD of 50MW: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. | Bhadla | Azure Power Maple Pvt. Ltd. |
| 34 | Renew Power Pvt Ltd | SR | 300 | 300 | SBPDCL: 162 MW NBPDC: 138 MW | 63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21 35.7 MW: 27.07.22 Total : 174.3 MW | 174.3 | Part LTA operationalized on existing margins as per the request of applicant. Included in Format II G(3). 63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21 37.8MW: 27.07.2022. | | |
| 35 | SBSR Power Cleantech Eleven Pvt. Ltd. | NR | 300 | 300 | TPDDL-200MW BYPL-100MW | 20.11.2021 | 150 | 50MW: 15.08.2021; 50MW: 04.04.2022; 50MW: 11.04.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. | Bikaner | SBSR Power Cleantech Eleven Pvt. Ltd. |
| 36 | Azure Power India Pvt. Ltd. | NR | 300 | 300 | HPPC-100MW JBVNL-200MW | 100MW: 25.09.2021 200MW: 20.11.2021 | 300 | LTA Application: 1200001655. 100MW LTA operationalized on part system and was earlier included in Format II G (2). Balance LTA operationalized vide CTU letter dated 18.11.2021. 300MW Commissioned. No billing for Sep'22 billing month. | Bikaner | Azure Power Forty Three Pvt. Ltd. |
| 37 | Avaada Energy Pvt. Ltd. | NR | 100 MW out of 350MW | 350.0 | MSEDCL-350MW | 100MW: 03.11.2021 | 100.0 | 100MW COD w.e.f. 03.11.2021 | Bikaner | Avaada Sunce Energy Pvt. Ltd. |
| 38 | Ayana Renewable Power One Pvt. Ltd. | NR | 300.0 | 300.0 | MPPMCL-300MW | 300MW: 23.12.2021 | 300.0 | 300MW COD: 22.12.2021 | Bikaner | Ayana Renewable Power One Pvt. Ltd. |
| 39 | Avaada Energy Pvt. Ltd. | NR | 50 MW out of 350MW | - | MSEDCL-350MW | 50MW:07.01.2022 | 50.0 | Additional 50MW 50MW COD w.e.f. 07.01.2022 | Bikaner | Avaada Sunce Energy Pvt. Ltd. |
| 40 | Avaada Energy Pvt. Ltd. | NR | 100 MW out of 300MW | 300.0 | TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW | 100MW:18.01.2022 | 100.0 | 100MW COD w.e.f. 14.01.2022 | Bikaner | Avaada Sustainable RJProject Pvt. Ltd. |

| S.No | Name of the LTA customer (RE Injecting utility) | Region | Quantum of LTA Granted/ MTOA operationalised | LTA/MTOA with tied up beneficiaries | Name of the beneficiaries (for entire LTA granted) | Effective date of LTA/MTOA operationization | Exempted quantum in MW (as on Jul'22) | Remarks | PS | SPD/SPV/Subsidiary |
|------|---|--------|--|-------------------------------------|---|--|---------------------------------------|--|---|---|
| 41 | Adani Renewable Energy (Rajasthan) Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.) | NR | 200.0 | 200.0 | MSEDCL-200MW | 200MW; 05.01.2022 | 200.0 | 200MW COD w.e.f. 21.08.2019 | Bhadla | Adani Renewable Energy (Rajasthan) Ltd. |
| 42 | Avaada Energy Pvt. Ltd. | NR | 50 MW out of 350MW | - | MSEDCL-350MW | 50MW:04.02.2022 | 50.0 | Additional 50MW 50MW COD w.e.f. 04.02.2022 | Bikaner | Avaada Sunce Energy Pvt. Ltd. |
| 43 | Avaada Energy Pvt. Ltd. | NR | 150 MW out of 350MW | - | MSEDCL-350MW | 150MW:25.02.2022 | 150.0 | Additional 50MW 50MW COD w.e.f. 25.02.2022, 50MW: 17.03.2022; 50MW: 08.04.2022. No Billing for Sep'22 billing month | Bikaner | Avaada Sunce Energy Pvt. Ltd. |
| 44 | Avaada Energy Pvt. Ltd. | NR | 40 MW out of 300MW | - | TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW | 40MW:08.02.2022 | 40.0 | 40MW COD w.e.f. 08.02.2022 | Bikaner | Avaada Sustainable RJProject Pvt. Ltd. |
| 45 | Avaada Energy Pvt. Ltd. (MTOA) | NR | 240.0 | 240.0 | UHBVNL & DHBVNL, Haryana | 240 MW: 01.02.2022 | 240.00 | 112.95 MW COD w.e.f. 26.12.2021 ; 12.80 MW COD w.e.f. 01.02.2022; 19.2MW: 16.03.2022; 6.4MW: 07.04.2022; 88.65MW:11.05.2022 | Bikaner | Avaada RJHN Pvt. Ltd. |
| 46 | Masaya Solar Energy Private Ltd | WR | 300.0 | 300.0 | TSSPDCL: 91.715MW TSNPDC: 38.285MW TANGEDCO: 170MW | 300MW: 25.03.2022 | 0.00 | Included in Format II G (3) | Khandwa (PG) | |
| 47 | GRT Jewellers (India) Pvt Ltd | SR | 150 | 150 | SBPDCL: 81 MW NBPDC: 69 MW | 150 MW: 23.03.2022 | 150 | Entire LTA of 150 MW was operationalized vide CTU letter dated 21.03.2022. 50 MW: 30.03.2022 (COD) 50 MW: 13.04.2022 (COD) 50 MW: 17.06.2022 (COD). Included in Format II G (3) | | |
| 48 | ACME Solar Holdings Pvt. Ltd. | NR | 300 | 300 | BRPL: 300MW | 02.04.2022 | 0 | Included in Format II G (1). | Fatehgarh | ACME Raisal Solar Energy Pvt Ltd |
| 49 | ACME Solar Holdings Pvt. Ltd. | NR | 300 | 300 | BRPL:100MW BYPL:100MW TPDDL:100MW | 02.04.2022 | 0 | Included in Format II G (1). | Fatehgarh | ACME Phalodi Solar Energy Pvt Ltd |
| 50 | ACME Solar Holdings Pvt. Ltd. | NR | 300 | 300 | HPPC (NR) | 02.04.2022 | 0 | Included in Format II G (1). | Fatehgarh | ACME Deoghar Solar Energy Pvt Ltd |
| 51 | ACME Solar Holdings Pvt. Ltd. | NR | 200 out of 300 | 300 | HPPC: 100MW NBPDC: 69MW SBPDCL: 81MW Puduchery: 50MW | 02.04.2022 | 0 | Included in Format II G (1). | Fatehgarh | ACME Dhaulpur Solar Energy Pvt Ltd |
| 52 | Avaada Energy Pvt. Ltd. | NR | 160 out of 300 | - | TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW | 60MW: 13.04.2022 100MW: 23.04.2022 | 160 | 10MW COD w.e.f. 08.02.2022, 50MW COD w.e.f. 13.04.2022, 100MW: 11.05.2022. Included in Format II G (3) | Bikaner | Avaada Sustainable RJProject Pvt. Ltd. |
| 53 | NTPC LTD. (Auraiya Floating Solar) | NR | 20 | 20 | UPPCL:20MW | 11.04.2022 | 0 | Included in Format II G (3) | Auraiya GPS | NTPC Ltd. |
| 54 | Southern Power Distribution Company of Telangana Limited (TSSPDCL) | WR | 39.5 | 39.5 | TSSPDCL | 14.11MW:27.05.2022 10.58MW:31.05.2022 14.81MW:24.06.2022 | 24.69 | COD of 14.11 MW; 14.05.22; 10.58MW: 15.06.22; Included in Format II G (3) | 56MW Solar Power Plant within the premises of NTPC Kawas, Gujarat | |
| 55 | Northern Power Distribution Company of Telangana Limited (TSNPDC) | WR | 16.5 | 16.5 | TSNPDC | 5.89MW:27.05.2022 4.42MW:31.05.2022 6.19MW:24.06.2022 | 10.31 | COD of 5.89MW; 14.05.2022;4.42MW: 15.06.22 Included in Format II G (3) | 56MW Solar Power Plant within the premises of NTPC Kawas, Gujarat | |
| 56 | POWERICA Ltd. | WR | 50.6 | 50.6 | UPPCL | 24.3MW: 07.05.2022 | 24.3 | Bilateral billing on behalf of Jamkhamabliya Transco Limited is being done as per RTA. COD of 24.3MW: 03.06.2022 | Jam khambhaliya PS | |
| 57 | SBESS Services Projectco Two Pvt Ltd | WR | 324.4 | 324.4 | UPPCL | 26.05.2022 | 0 | Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. | Indore S/s | |
| 58 | Southern Power Distribution Company of Telangana Limited (TSSPDCL) | WR | 14.11 | 14.11 | TSSPDCL | 09.05.2022 | 0 | Included in Format II G (3) | 20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat | |
| 59 | Northern Power Distribution Company of Telangana Limited (TSNPDC) | WR | 5.89 | 5.89 | TSNPDC | 09.05.2022 | 0 | Included in Format II G (3) | 20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat | |

| S.No | Name of the LTA customer (RE Injecting utility) | Region | Quantum of LTA Granted/ MTOA operationalised | LTA/MTOA with tied up beneficiaries | Name of the beneficiaries (for entire LTA granted) | Effective date of LTA/MTOA operartionlization | Exempted quantum in MW (as on Jul'22) | Remarks | PS | SPD/SPV/Subsidiary |
|------|---|--------|--|-------------------------------------|---|---|---------------------------------------|---|-----------------|--|
| 60 | ACME Solar Holdings Pvt. Ltd. | NR | 100 out of 300 | - | HPPC: 100MW NBPDC: 69MW SBPDCL: 81MW Puduchery: 50MW | 11.05.2022 | 0 | Included in Format II G (1). | Fatehgarh | ACME Dhaulpur Solar Energy Pvt Ltd |
| 61 | Adani Renewable Energy Holding One Ltd. | NR | 390 | 390 | HPPC-390MW | 11.05.2022 | 390 | 50MW: 17.08.21; 52.19MW: 12.04.22; 92.81MW: 27.05.22; 50MW: 14.08.21; 143.64MW: 27.05.22; 1.36MW: 28.05.22; Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. | Fatehgarh-II PS | Adani Green Energy Eighteen Ltd. |
| 62 | ReNew Solar Energy (Jharkhand Three) Pvt. Ltd. | NR | 300.0 | 300.0 | MPPMCL-300MW | 11.05.2022 | 300.0 | 150MW: 02.09.2021, 50MW: 27.09.2021, 50MW: 05.10.2021, 50MW: 09.12.2021 | Fatehgarh-II PS | ReNew Solar Energy (Jharkhand Three) Pvt. Ltd. |
| 63 | ReNew Solar Urja Pvt. Ltd. | NR | 300.0 | 300.0 | TSSPDCL: 91.715MW TSNPDC: 38.285MW TANGEDCO: 170MW | 11.05.2022 | 300.0 | 150MW: 02.12.2021, 50MW: 07.12.2021, 50MW: 13.12.2021, 50MW: 16.12.2021 | Fatehgarh-II PS | ReNew Solar Urja Pvt. Ltd. |
| 64 | Mahindra Susten Pvt. Ltd. | NR | 250.0 | 250.0 | HPPC-250MW | 29.06.2022 | 250.0 | 175MW: 20.05.2022, 75MW: 17.06.2022. No delay. Hence, no billing. | Bhadla-II PS | Mega Surya Urja Pvt. Ltd. |
| | Total | | 18491.1 | 18387.1 | | | 14181.2 | | | |

*Waiver Documents not submitted to CTU

Note: List does not include solar projects of NTPC / NVVNL / SECI which were granted LTA long back and are already operational