



ग्रीड कंट्रोलर ऑफ इंडिया लिमिटेड  
(भारत सरकार का उपक्रम)

GRID CONTROLLER OF INDIA LIMITED  
(A Government of India Enterprise)

[Formerly Power System Operation Corporation Limited (POSOCO)]

राष्ट्रीय भार प्रेषण केन्द्र/National Load Despatch Centre

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**Notification of Transmission charges payable by DICs for Billing Month of June, 2025**

**No: TC/05/2025**

**Date: 25.05.2025**

1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICs/ States, CTU as per the Regulations.
2. Central Electricity Regulatory Commission has notified three amendments to Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 which came into force with effect from 1.10.2023, 1.11.2023 and 26.10.2023 respectively.
3. As per Regulation 24(1), all entities whose transmission elements have declared COD during the billing period shall submit to the Implementing Agency, network data, date(s) of commercial operation of the new transmission element and Yearly Transmission Charge (YTC) of such transmission element in the format stipulated by the Implementing Agency, on or before the end of the billing period.
4. As per Regulation 24(2), Implementing Agency shall publish the peak block of the billing period on the first day of the month following the billing period. Accordingly, NLDC had identified **64th time block (15:45 Hrs to 16:00 Hrs) on 25th April 2025** as a peak block for the billing period of Apr'25 and published the information of peak block on Grid-India website. Details of the inputs from entities have been received as per the stipulated timelines is enclosed as **Annexure-I**.
5. Based on the inputs furnished by ISTS licensees, Monthly Transmission Charges (MTC) to be considered in the computations have been shared with all ISTS licensees/ deemed ISTS licensees for review and comments on 21.05.2025 with last date of submission of comments as 22.05.2025. Comments were received from North East Transmission Company Limited and Powerlinks Transmission Ltd.
6. Based on inputs furnished by DICs/ States, all India basic network has been prepared along with node wise generation and demand as per the peak block and was made available on Grid-India website on 15.05.2025 for review and comments by DICs/ States in line with the notified procedures latest by 18.05.2025.
7. In respect of the billing period of April 2025, total number of licensees were 98, with the total monthly charges amounting to Rs. 3742.55 Crores. The aggregate quantum of GNA and GNARE for the said period was 121,896 MW.
8. As per CERC order dated 20.04.2025 in Petition No. 131/MP/2024, CERC directed NLDC (Implementing Agency) to strictly adhere to the directions in the aforesaid order for all Change in Law claims pertaining to Electricity

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

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

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

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

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

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

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

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

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

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

*....."*

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

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

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

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

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

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

Where, "SDRG" is the drawl schedule (in MW) through ISTS under GNA from the sources eligible for waiver under Regulation 13 of these regulations in nth block;

"SDTG" is the total drawl schedule (in MW) under GNA through ISTS from all sources in nth block; "n" is the nth time block

"T" is number of time blocks in a month = 96 X number of days in a month

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

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

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


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

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

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

- a) Various components of the transmission charges determined have been added for each DIC in order to compute total transmission charges payable by the DIC.
- b) The transmission charges are computed separately for both GNA and T-GNA :
  - For GNA billing in ₹: These charges are calculated for Drawee DICs and Generating Entity as applicable.
  - 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 Jun'25 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of Jun'25 considering details of GNA enclosed along with this notification.
- d) The notified waiver % of Drawee DICs for the billing month of Jun'25 are to be used by CTUIL for computation of waiver amount of drawee DICs.
- e) Transmission charges shall be payable by the entities who are granted T-GNA or T-GNARE under Regulation 26.1 of the GNA Regulations.
- f) The notified transmission charges for T-GNA bilateral transactions shall be applicable for the applications received on or after 00:00 Hrs of the next day (D+1) following the date of this notification (D). In the case of T-GNA collective transactions, both DAM and RTM, the notified transmission charges shall be applicable from the delivery day D+2 following the date of this notification.

- g) The transmission charges payable by DICs for GNA are given at Annexure-III.
- h) Waiver % of Drawee DICs are attached as Annexure-IV
- i) Applicable T-GNA rates are attached as Annexure-V.
- j) Details of GNA and GNA-RE is given at Annexure-VI.
- k) ISTS licensee wise break up of Monthly Transmission Charges (MTC) is given at Annexure-VII.
- l) Entity-wise details of bilateral billing are given separately at Annexure-VIII.
- m) Details of Transmission Charges to be paid to Transmission Licensees as per Regulation 13(12) is given at Annexure-IX.
- n) Details of GNash and GNAd is given at Annexure-X.
- o) Details of commercial data of RE transmission network to be considered for NC-RE component as furnished by CTU is given at Annexure-XI.

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

**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 30.04.2025. Kohima Mariani Transmission Limited has submitted its YTC on 05.05.2025. Rajasthan Rajya Vidhyut Prasaran Nigam Ltd. has submitted its YTC on 14.05.2025. Powergrid submitted revised YTC of Powergrid Dharamjaigarh Transmission Limited on 17.05.2025.
2. The list of ISTS licensees that have submitted YTC data is mentioned as below.

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

<b>Sl. No.</b>	<b>Name of ISTS Licensee</b>
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 Transco Limited
18	Jindal Power Limited

Sl. No.	Name of ISTS Licensee
19	Parbati Koldam Transmission Company Limited
20	Bhopal Dhule Transmission Company Ltd.
21	East North Interconnection Company Limited
22	Gurgaon Palwal Transmission Limited
23	Jabalpur Transmission Company Limited
24	Maheshwaram Transmission Limited
25	Khargone Transmission Company Ltd.
26	Goa Tamnar Transmission Projects Limited
27	Mumbai Urja Marg Limited
28	Lakadia Vadodara Transmission Company Limited
29	Nangalbibra Bongaigaon Transmission 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	Kallam Transmission Limited
37	Torrent Power Grid Limited
38	Kohima Mariani Transmission Limited
39	Raichur Sholapur Transmission Company Private Limited
40	Koppal-Narendra Transmission Limited
41	NRSS XXXVI Transmission Limited
42	Warora-Kurnool Transmission Limited
43	Rajgarh Transmission Limited
44	Gadag Transmission Limited

Sl. No.	Name of ISTS Licensee
45	Powergrid Vizag Transmission Limited
46	Powergrid NM Transmission Limited
47	Powergrid Unchahar Transmission Limited
48	Powergrid Parli Transmission Limited
49	Powergrid Kala Amb Transmission Limited
50	Powergrid Southern Interconnector Transmission System Limited
51	Powergrid Jabalpur Transmission Limited
52	Powergrid Warora Transmission Limited
53	Powergrid Medinipur Jeerat Transmission Limited
54	Powergrid Mithilanchal Transmission Limited
55	Powergrid Ajmer Phagi Transmission Limited
56	Powergrid Varanasi Transmissoin System Limited
57	Powergrid Fatehgarh Transmission Limited
58	Powergrid Khetri Transmission System Ltd.
59	Powergrid Bhuj Transmission Limited
60	Powergrid Bikaner Transmission System Limited
61	Powergrid Ramgarh Transmission Limited
62	Powergrid Neemuch Transmission System Limited
63	Powergrid Bhadla Transmission Limited
64	Powergrid Aligarh Sikar Transmission Limited
65	Powergrid Sikar Transmission Limited
66	Powergrid ER NER Transmission Limited
67	Powergrid Raipur Pool Dhamtari Transmission Limited
68	Powergrid Dharamjaigarh Transmission Limited
69	Transmission Corporation Of Andhra Pradesh (APTRANSCO)

Sl. No.	Name of ISTS Licensee
70	Power Transmission Corporation Of Uttarakhand Ltd.
71	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.

3. 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(I) within 10 days after the end of the billing period i.e. by 10.05.2025. NLDC provided CTU with a detailed list of ISTS assets of all the licensees for segregation into various components in the prescribed formats on 01.05.2025. CTU submitted the data in Format II(C) on 16.05.2025. Subsequently, on 20.05.2025, CTU submitted the data in Formats II(D), II-(G1) to II-(G4), II(H), and II(I). Furthermore, the remaining data in Formats II(A), II(B), II(E), and II(F) was submitted by CTU on 21.05.2025.

4. 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 07.05.2025 is as mentioned below:

S.NO.	WR	SR	NR	NER	ER
1	Chattisgarh	Andhra Pradesh	Uttar Pradesh	Assam	Odisha
2	Gujarat	Telangana	Haryana	Manipur	
3	MP	Karnataka	Himachal Pradesh	Meghalaya	
4	Maharashtra	Kerala	Delhi	Mizoram	
5	Goa	Tamil Nadu	Rajasthan	Nagaland	
6	D&D and DNH	PVG Azure Earth	Punjab	Tripura	
7	Hazira	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)	Jammu & Kashmir		
8	RIL Jamnagar	PVG AMPLUS Tumkur and PVG AMPLUS Pavagada			
9	BALCO	PVG Fortum Finsurya.			
10	CGPL	ANP_AZURE			
11	DB Power Ltd.	Athena Galiveedu			
12	DGEN				
13	Dhariwal				



S.NO.	WR	SR	NR	NER	ER
14	GMR Warora (EMCO)				
15	Raipur Energen				
16	JPL Stg-1				
17	JPL Stg-2				
18	Jhabua Power				
19	JP Nigrie				
20	KAPS 1&2				
21	KAPS 3&4				
22	Raigarh Energy				
23	KSK Mahanadi				
24	LANCO				
25	MB Power				
26	Essar Mahan				
27	NSPCL Bhilai				
28	RKM Power				
29	Sasan UMPP				
30	SSP				
31	TAPS (3,4)				
32	TAPS (1,2)				
33	Naranpar Ostro				
34	ACME RUMS				
35	ARINSUM				
36	Bhuvad Renew				
37	Vadwa Green Infra				
38	Roha Green infra				

S.NO.	WR	SR	NR	NER	ER
39	Dayapar Inox(wind)				
40	Ratadiya AGEMPL				
41	Alfanar wind				
42	Renew AP2 Gadhsisa				
43	Avikiran				
44	Powerica				
45	SESPL Morjar				
46	SKRPL				
47	SBESS				
48	Netra Wind				
49	AWEK4L				
50	Apraava				
51	Torrent Solar				
52	Agar U-4: Avaada(LADWAN)				
53	AGEL PSS-3				
54	Beempow(UMARIA)				
55	ASEJ6PL( SRPL Khavda PSS-9)				
56	AGEL PSS13				

**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 Apr'25.
- C. Wherever node wise generation and demand data has not been provided by DICs, SEM data/ SCADA data available with NLDC/RLDCs has been considered. In the absence of SEM/ SCADA data, the node wise generation and demand data as available from TTC/ ATC base case / recently submitted base case of states has been considered.

**c) Commercial Data considered in the computations**

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

- B. All ISTS transmission assets commissioned by the end of Apr'25 as furnished by ISTS licensees have been considered in the computations.
- C. Yearly Transmission Charges (YTC) based on approved/ adopted tariff by CERC has only been considered in line with Sharing Regulations 2020. RPC certified non-ISTS lines as ISTS lines have not been considered in the computations.
- D. The assets of State Utilities whose approved Tariff by the Commission is not available as on 31.03.2019 are not being considered in the computations since 2019-20 Q3 in line with Terms & Conditions of Tariff Regulations. The same is continued in this computation.
- E. As per minutes of Validation Committee meeting held for 2020-21 Q2 PoC computations, for the assets of Essar Power transmission limited, combined tariff of LILO of 400kV 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 Apr'25.
- F. As per Regulation (13) clauses (3), (6), (9), the YTC of assets claimed by licensees have been examined to find out whether the YTC to be completely or partly billed to generators. Accordingly, transmission charges have been computed for DICs in line with the Regulations.
- G. All ISTS assets corresponding to the bilateral payments on the basis of information furnished by ISTS licensees and the worked out bilateral payments in line with Regulation (13) have been considered while preparing final transmission charges for DICs.
- H. The components of Yearly Transmission Charges such as National Component for RE (NC-RE), National Component for HVDC (NC-HVDC), Regional Component (RC) and Transformers Component (TC) have been worked out on the basis of the inputs furnished by CTU.
- I. Indicative cost level of different conductor configuration was provided by CTU and is as follows:

Sl. No.	Voltage level (kV)	Type of conductor configuration	Indicative cost (Rs.Lakh/km)
1	± 800	HVDC	342
2	± 500	HVDC	169
3	765	D/C	569
4	765	S/C	220
5	400	S/C	92
6	400	M/C TWIN	427
7	400	D/C Quad Moose	351
8	400	D/C Twin HTLS	219
9	400	D/C Twin Moose	196
10	400	M/C QUAD	810
11	400	D/C TRIPLE	226
12	400	S/C QUAD	153
13	220	D/C	100

Sl. No.	Voltage level (kV)	Type of conductor configuration	Indicative cost (Rs.Lakh/km)
14	220	S/C	52
15	220	M/C TWIN	307
16	132	D/C	64
17	132	S/C	27
18	132	M/C TWIN	215

- 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 Rupees for each drawee DIC.

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

S.N o.	Zone	Region	GNA+GNA RE (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	17,52,25,228	66,46,17,633	13,47,78,454	11,14,13,990	20,75,69,839	5,49,28,207		1,34,85,33,350
2	UP	NR	10,757	42,97,67,375	1,48,62,70,180	30,14,02,171	24,91,52,719	46,41,83,986	13,25,48,357		3,06,33,24,788
3	Punjab	NR	5,529	20,41,17,820	76,39,64,842	15,49,25,171	12,80,68,181	23,85,97,430	10,24,31,914		1,59,21,05,358
4	Haryana	NR	5,143	23,52,18,336	71,06,29,623	14,41,09,270	11,91,27,266	22,19,40,058	20,68,98,732		1,63,79,23,285
5	Chandigarh	NR	342	1,24,35,482	4,72,55,557	95,83,000	79,21,743	1,47,58,604	2,42,35,962		11,61,90,348
6	Rajasthan	NR	5,746	19,42,83,191	79,39,48,631	16,10,05,613	13,30,94,550	24,79,61,807	8,53,99,666		1,61,56,93,458
7	HP	NR	1,181	3,44,29,601	16,31,14,577	3,30,78,163	2,73,43,912	5,09,43,076	3,53,35,540		34,42,44,869
8	J&K	NR	1,977	8,54,42,007	27,31,70,283	5,53,96,466	4,57,93,234	8,53,15,088	5,81,07,403		60,32,24,481
9	Uttarakhand	NR	1,416	8,76,96,481	19,56,33,862	3,96,72,781	3,27,95,322	6,10,99,326	3,04,55,486		44,73,53,257
10	Railways-NR-ISTS-UP	NR	130	44,12,164	1,79,62,639	36,42,661	30,11,189	56,09,996			3,46,38,648
11	PG-HVDC-NR	NR	8	3,90,879	11,05,393	2,24,164	1,85,304	3,45,231			22,50,971
12	Northern Railways	NR							25,01,185		25,01,185
13	North Central Railways	NR							20,15,110		20,15,110
14	RAPP 7&8, NPCIL	NR								2,31,34,477	2,31,34,477
15	Adani Renewable Energy Park Rajasthan Limited	NR								16,545	16,545
16	THDC India Ltd.	NR								4,17,79,973	4,17,79,973
17	Adani Renewable Energy Holding Seventeen Pvt. Ltd.	NR								1,16,22,148	1,16,22,148
18	Gujarat	WR	12,631	66,28,01,884	1,74,53,01,102	35,39,31,303	29,25,75,685	13,27,91,321	8,16,11,257	0	3,26,90,12,551
19	Madhya Pradesh	WR	10,587	53,76,60,823	1,46,28,71,770	29,66,57,185	24,52,30,298	11,13,02,671	14,03,01,027		2,79,40,23,774
20	Maharashtra	WR	9,824	1,24,26,68,807	1,35,74,22,791	27,52,73,084	22,75,53,230	10,32,79,580	7,27,90,948		3,27,89,88,438
21	Chhattisgarh	WR	3,276	18,57,68,959	45,26,58,496	9,17,95,055	7,58,81,961	3,44,40,544	3,89,62,797		87,95,07,812
22	Goa	WR	673	4,47,42,608	9,29,91,199	1,88,57,775	1,55,88,693	70,75,240	2,55,41,211		20,47,96,726
23	DNHDDPDCL	WR	1,206	8,36,23,831	16,66,38,018	3,37,92,685	2,79,34,568	1,26,78,662	5,44,89,424		37,91,57,187
24	ArcelorMittal Nippon Steel India Ltd (formerly Essar Steel)	WR	563	2,27,70,965	7,77,92,043	1,57,75,524	1,30,40,764	59,18,811	85,21,798		14,38,19,905

S.N o.	Zone	Region	GNA+GNA RE (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		
25	PG-HVDC-WR	WR	5	68,265	6,90,871	1,40,102	1,15,815	52,565			10,67,618
26	BARC	WR	5	5,50,716	6,90,871	1,40,102	1,15,815	52,565			15,50,069
27	Reliance Industries Ltd.	WR	500	1,614	6,90,87,072	1,40,10,234	1,15,81,496	52,56,493			9,99,36,909
28	Hindustan Zinc Limited	WR	250	0	3,45,43,536	70,05,117	57,90,748	26,28,247			4,99,67,648
29	Adani Power Limited	WR								25,34,89,742	25,34,89,742
30	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								4,89,46,521	4,89,46,521
31	Andhra Pradesh	SR	4,207	32,44,80,394	58,13,10,138	11,78,84,447	9,74,48,636	20,15,03,897	3,77,56,209		1,36,03,83,722
32	Telangana	SR	5,801	28,26,28,854	80,15,48,209	16,25,46,739	13,43,68,514	27,78,46,673	3,11,79,382		1,69,01,18,370
33	Tamil Nadu	SR	8,765	97,75,91,576	1,21,10,96,372	24,55,99,408	20,30,23,622	41,98,11,427	8,38,97,433		3,14,10,19,838
34	Kerala	SR	2,679	38,39,08,101	37,01,68,532	7,50,66,835	6,20,53,655	12,83,14,297	7,12,83,295		1,09,07,94,715
35	Karnataka	SR	5,475	63,15,67,206	75,64,96,530	15,34,10,665	12,68,16,221	26,22,30,071	11,12,98,208		2,04,18,18,901
36	Pondicherry	SR	540	1,99,29,798	7,46,14,038	1,51,31,053	1,25,08,015	2,58,64,024	1,14,71,989		15,95,18,917
37	PG-HVDC-SR	SR	6	7,27,463	8,49,771	1,72,326	1,42,452	2,94,562			21,86,575
38	BHAVINI	SR								1,03,51,479	1,03,51,479
39	ReNew Solar Power Pvt Ltd.	SR								1,06,27,468	1,06,27,468
40	West Bengal	ER	3,540	50,88,76,346	48,91,36,470	9,91,92,459	8,19,96,990	7,26,94,087	5,35,10,318		1,30,54,06,670
41	Odisha	ER	2,166	16,72,58,229	29,92,85,196	6,06,92,335	5,01,71,040	4,44,78,925	5,60,14,611		67,79,00,336
42	Bihar	ER	5,347	28,44,81,005	73,88,17,148	14,98,25,446	12,38,52,516	10,98,00,928	16,95,27,102		1,57,63,04,145
43	Jharkhand	ER	1,590	6,65,75,947	21,96,96,889	4,45,52,545	3,68,29,157	3,26,50,734	5,77,27,981		45,80,33,253
44	Sikkim	ER	111	16,86,217	1,53,37,330	31,10,272	25,71,092	22,79,391	24,13,320		2,73,97,622
45	DVC	ER	956	6,06,23,037	13,20,94,482	2,67,87,568	2,21,43,820	1,96,31,511	1,00,58,508		27,13,38,925
46	Bangladesh	ER	982	3,50,94,095	13,56,87,009	2,75,16,100	2,27,46,058	2,01,65,422			24,12,08,685
47	Railways-ER-ISTS-Bihar	ER	20	6,57,647	27,63,483	5,60,409	4,63,260	4,10,701			48,55,500
48	PG-HVDC-ER	ER	2	1,51,691	2,76,348	56,041	46,326	41,070			5,71,476
49	India Power Corporation Limited (IPCL)	ER	100	0	1,38,17,414	28,02,047	23,16,299	20,53,505	19,33,976		2,29,23,242
50	NTPC, North Karanpura STPP, Jharkhand	ER								42,10,982	42,10,982
51	Arunachal Pradesh	NER	208	72,55,880	2,87,40,222	58,28,257	48,17,902	64,96,631	1,06,10,852		6,37,49,745

S.N o.	Zone	Region	GNA+GNARE (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹ (without waiver)
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
52	Assam	NER	1,767	14,33,32,840	24,41,53,712	4,95,12,168	4,09,29,006	5,51,90,127	2,06,55,085		55,37,72,938
53	Manipur	NER	177	1,71,06,423	2,44,56,823	49,59,623	40,99,850	55,28,383	29,98,243		5,91,49,345
54	Meghalaya	NER	290	2,77,50,047	4,00,70,502	81,25,936	67,17,268	90,57,802	62,37,379		9,79,58,933
55	Mizoram	NER	150	1,15,22,939	2,07,26,122	42,03,070	34,74,449	46,85,070	9,41,320		4,55,52,969
56	Nagaland	NER	146	2,01,99,225	2,01,73,425	40,90,988	33,81,797	45,60,135	1,97,65,620		7,21,71,190
57	Tripura	NER	311	68,08,327	4,29,72,159	87,14,366	72,03,690	97,13,712	1,99,38,587		9,53,50,841
58	PG-HVDC-NER	NER	1	1,48,702	1,65,809	33,625	27,796	37,481			4,13,412

<b>TOTAL</b>			<b>1,21,896</b>	<b>8,22,44,39,023</b>	<b>16,84,28,15,120</b>	<b>3,41,55,70,808</b>	<b>2,82,34,65,912</b>	<b>3,72,91,41,705</b>	<b>1,93,62,95,443</b>	<b>40,41,79,335</b>	<b>37,37,59,07,345</b>
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**Transmission Charges to be paid by DICs under Regulation 13(7) for the billing month of June,2025***Where Connectivity is granted to a generating station on existing margins and COD of the generating station or unit(s) thereof is delayed*

Sl.No.	Name of Generating Station	Region	Pooling Station	Connectivity Granted by CTU (MW)	Commissioned Connectivity Capacity (MW)	Date of Commercial Operation	Details of effectiveness of connectivity / GNA	Delayed Connectivity Capacity (MW)	Transmission Charges (₹)	Remarks
1	ReNew Power Limited	WR	Bhachau S/s	300	230.1	126MW:18.05.19 58.5MW: 01.10.19 27.6MW: 02.09.20 18MW: 07.02.2021	300MW: 01.05.19	69.9	2,09,700	
2	ReNew Power Limited	WR	Bhachau S/s	50	0	Yet to be commissioned	50MW: 23.11.19	50	1,50,000	
3	NTPC Ltd. (Rihand Solar)	NR	Intra-State	20	0	-	20MW: 20.10.2022	20	60,000	
4	NTPC Limited	WR	Bhuj PS	150	116	50 MW:04.11.2023 90MW: 09.04.2025	28.02.2024	34	1,02,000	
5	Adani Renewable Energy Holding Four Limited	WR	KPS-1	1000	0	Yet to be commissioned	25.02.2024	1000	30,00,000	
6	Rewa Ultra Mega Solar Power Limited (Agar & Shajapur Park)	WR	Pachora PS	1000	755.00	200MW: COD 11.04.2024 350MW: COD 15.04.2024 50MW: COD 30.09.2024 55MW: COD 29.11.2024 50MW: COD 10.01.2025 50MW: COD 13.03.2025	12.04.2024	245.00	7,35,000	
7	THDC India Ltd. (Khurja STPP)	NR	Aligarh S/s	465.6	0	Yet to be commissioned	30.04.2023	465.6	13,96,800	
8	Rewa Ultra Mega Solar Power Limited (Neemuch Solar Park)	WR	Neemuch PS	500	330	160MW: COD 06.11.2024 (U1) 170MW: COD 26.11.2024 (U2)	06.05.2024	170	5,10,000	
9	NTPC Renewable Energy Ltd.	WR	Bhuj-II PS	300	0	Yet to be commissioned	07.06.2024	300	9,00,000	
10	ReNew Green Energy Solutions Pvt. Ltd	WR	Solapur PG	76	0	Yet to be commissioned	30.06.2024	76	2,28,000	

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	Renew Green Energy Solutions Pvt. Ltd	WR	Solapur PG	48	0	Yet to be commissioned	30.06.2024	48	1,44,000	
12	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	19,80,000	
13	Jalpower Corporation Limited	ER	New Melli	120	0	Yet to be commissioned	01.07.2024	120	3,60,000	
14	Renew Solar Power Pvt. Ltd. (RSPPL)	WR	Kallam PS	300	0	Yet to be commissioned	10.08.2024	300	9,00,000	
15	Anupavan Renewables Pvt. Ltd.	WR	Kallam PS	148.75	0	Yet to be commissioned	10.08.2024	148.75	4,46,250	
16	Viento Renewables Pvt. Ltd. (VRPL)	WR	Kallam PS	150	0	Yet to be commissioned	10.08.2024	150	4,50,000	
17	ReNew Green (MHP One) Pvt. Ltd.	WR	Kallam PS	117	0	Yet to be commissioned	10.08.2024	117	3,51,000	
18	JSW Energy (Utkal) Limited (Formerly Ind Barath Energy (Utkal) Limited (IBEUL))	ER	Sundargarh	350	0	Yet to be commissioned	27.09.2024	350	10,50,000	
19	Shree Cement Limited	NR	Shree Cement Generation Switchyard	44	0	Yet to be connected to ISTS	30.09.2024	44	1,32,000	
20	Sertentica Renewables India 4 Pvt. Ltd	WR	Kallam PS	200	0	Yet to be commissioned	31.12.2024	200	6,00,000	
21	Ayana Renewables Power Four Pvt. Ltd	WR	Bhuj PS	150	0	Yet to be commissioned	31.12.2024	150	4,50,000	
22	Renew Green Energy Solutions Pvt. Ltd.	WR	Solapur PG	32	0	Yet to be commissioned	31.03.2025	32	96,000	
23	Renew Green Energy Solutions Pvt. Ltd.	WR	Solapur PG	50	0	Yet to be commissioned	31.03.2025	50	1,50,000	

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
24	Renew Green Energy Solutions Pvt. Ltd.	WR	Solapur PG	70	0	Yet to be commissioned	31.03.2025	70	2,10,000	
25	Renew Green Energy Solutions Pvt. Ltd.	WR	Solapur PG	100	0	Yet to be commissioned	31.03.2025	100	3,00,000	
26	Sprng Vayu Vidyut Pvt Ltd.	WR	Rajgarh	50.4	0	Yet to be commissioned	31.03.2025	50.4	1,51,200	
27	Serentica Renewables India Private Limited	WR	Solapur PG	300	0	Yet to be commissioned	31.03.2025	300	9,00,000	
28	Renew Green Energy Solutions Private Limited	WR	Solapur PG	51	0	Yet to be commissioned	31.03.2025	51	1,53,000	
29	NTPC Renewable Energy Limited	WR	Bhuj-II PS	200	0	Yet to be commissioned	29.03.2025	200	6,00,000	
30	Serentica Renewables India Private Limited	WR	Solapur PG	100	0	Yet to be commissioned	31.03.2025	100	3,00,000	

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

<b>Name of DIC</b>	<b>Maximum MVA drawal achieved in previous quarter</b>	<b>pf</b>	<b>Regional Component for Madhya Pradesh for the corresponding billing period (Rs.)</b>	<b>GNA of Madhya Pradesh for the corresponding billing period (MW)</b>	<b>Regional Component rate for Madhya Pradesh for the corresponding billing period (Rs./MW)</b>	<b>Transmission Charges in Rs.</b>
NHPTL	2045.41	0.005	11,13,02,671	10,587	10,513	1,07,517

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

Region	State	DIC	Waiver(%)
ER	Bihar	Bihar DISCOMS	14.876
ER	Bihar	Railways-Bihar	0.000
ER	DVC	DVC DISCOM & JBVNL	1.259
ER	DVC	Railways-DVC	1.885
ER	DVC	Tata steel	0.000
ER	West Bengal	WBSEDCL	3.615
ER	West Bengal	CESC	2.276
ER	West Bengal	IPCL	52.555
ER		IPCL_ISTS	0.000
ER	Jharkhand	JBVNL	18.502
ER	Jharkhand	SE Railways-Jharkhand	4.781
ER	Odisha	Odisha	12.995
ER	Odisha	DHAMRAPORT	100.000
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	2.338
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	12.379
NR	Punjab	Northern Railways	0.000
NR	Punjab	Asian FineCementsPrivate Limited	100.000
NR	Punjab	Ambuja Cements Limited	100.000
NR	Haryana	Haryana	16.331
NR	Haryana	Railways_BRBCL_HARYANA	8.552
NR	Rajasthan	Rajasthan DISCOMs	3.448
NR	Rajasthan	Railways	0.000
NR	Rajasthan	Ambuja Cements Limited	100.000
NR	Rajasthan	Vedanta Limited	0.000
NR	Delhi	Delhi DISCOMs, DIAL, NR-DEL	15.796
NR	Delhi	Delhi Metro Rail Corporation Metro	100.000
NR	Uttar Pradesh	UPPCL	10.068
NR	Uttar Pradesh	NPCL	1.943
NR	Uttar Pradesh	Railway	17.557
NR	Uttar Pradesh	ACC Limited	100.000
NR	Uttrakhand	Uttrakhand	9.107
NR	Uttrakhand	Ambuja Cements Limited	100.000
NR	Uttrakhand	Linde India Limited	39.604
NR	Himachal pradesh	Himachal pradesh	0.737
NR	Himachal pradesh	ACC Ltd.	100.000
NR	Himachal pradesh	Ambuja Cements Limited	100.000
NR	Jammu & Kashmir	Jammu & Kashmir	3.085

Region	State	DIC	Waiver(%)
NR	Chandigarh	Chandigarh	5.616
NR		Railways-NR-ISTS-UP	5.759
NR		PG-HVDC-NR	0.000
SR	Andhra Pradesh	Andhra Pradesh	10.669
SR	Andhra Pradesh	Linde India Limited	0.000
SR	Andhra Pradesh	Adani Gangavaram Port Ltd.	0.000
SR	Karnataka	Karnataka_DISCOMS	12.123
SR	Karnataka	Railways_Karnataka	7.113
SR	Karnataka	ACC LIMITED	100.000
SR	Kerala	KSEB	2.955
SR	Puducherry	Puducherry	27.956
SR	Tamil Nadu	TANGEDCO	2.164
SR	Tamil Nadu	SAIL Steel Plant Salem	0.000
SR	Telangana	TSSPDCL	18.241
SR		PG-HVDC_SR	0.000
WR	Chhattisgarh	CSPDCL	11.670
WR	DD&DNH	DD&DNH	0.000
WR	Goa	Goa	16.916
WR	Gujarat	GUVNL	2.384
WR	Gujarat	Indian Railways	4.741
WR	Gujarat	MPSEZ Utilities Ltd., Mundra	0.000
WR	Gujarat	Torrent Power Limited Dahej	0.000
WR	Gujarat	Torrent Power Ltd Discom Ahmedabad	0.000
WR	Gujarat	Torrent Power Limited DISCOM Surat	0.000
WR	Gujarat	Heavy Water Board_DAE	0.000
WR	Gujarat	Reliance Industries Ltd.	0.000
WR	Gujarat	Sintex Industries Ltd.	0.000
WR	Gujarat	Reliance Polyster Limited	0.000
WR	Gujarat	Adani Hazira Port Limited	100.000
WR	Gujarat	Ambuja Cements Limited	100.000
WR	Gujarat	Linde India Ltd	0.000
WR		Reliance Industries Ltd (Bulk Consumer_ISTS)	0.000
WR	Madhya Pradesh	MPPMCL	13.255
WR	Madhya Pradesh	WCR	5.824
WR	Madhya Pradesh	Hindustan Zinc Limited	0.000
WR	Maharashtra	MSEDCL	8.781
WR	Maharashtra	Adani Electricity Mumbai Limited	63.934
WR	Maharashtra	Tata Power Company Ltd, Maharashtra	34.266
WR	Maharashtra	Central Railways	10.513
WR	Maharashtra	BEST	0.000
WR		PG-HVDC_WR	0.000
WR		Arcelormittal Nippon Steel India Ltd. (Essar Steel)	39.795
WR		BARC	0.000

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

S.No.	State	Region	T-GNA rate (Rs./MW/block)
1	Delhi	NR	107.08
2	UP	NR	108.69
3	Punjab	NR	109.98
4	Haryana	NR	121.64
5	Chandigarh	NR	129.76
6	Rajasthan	NR	107.40
7	HP	NR	111.38
8	J&K	NR	116.54
9	Uttarakhand	NR	120.68
10	Gujarat	WR	97.97
11	Madhya Pradesh	WR	100.23
12	Maharashtra	WR	127.48
13	Chhattisgarh	WR	102.54
14	Goa	WR	116.23
15	Daman and Diu and Dadra and Nagar Haveli	WR	120.08
16	Andhra Pradesh	SR	123.50
17	Telangana	SR	111.28
18	Tamil Nadu	SR	136.87
19	Kerala	SR	155.51
20	Karnataka	SR	142.44
21	Pondicherry	SR	112.83
22	West Bengal	ER	139.38
23	Odisha	ER	119.54
24	Bihar	ER	112.52
25	Jharkhand	ER	110.03
26	Sikkim	ER	94.27
27	DVC	ER	108.41
28	Bangladesh	ER	93.82
29	Arunachal Pradesh	NER	117.06
30	Assam	NER	119.70
31	Manipur	NER	127.64
32	Meghalaya	NER	129.02
33	Mizoram	NER	115.99
34	Nagaland	NER	188.80
35	Tripura	NER	117.10

**Details of GNA and GNA-RE for Billing month of June,2025**

<b>S.No.</b>	<b>Drawee DIC</b>	<b>Region</b>	<b>GNA+GNA-RE (in MW)</b>
1	Delhi	NR	4810.0
2	UP	NR	10756.5
3	Punjab	NR	5529.0
4	Haryana	NR	5143.0
5	Chandigarh	NR	342.0
6	Rajasthan	NR	5746.0
7	HP	NR	1180.5
8	J&K	NR	1977.0
9	Uttarakhand	NR	1415.9
10	Railways-NR-ISTS-UP	NR	130.0
11	PG-HVDC-NR	NR	8.0
12	Gujarat	WR	12631.2
13	Madhya Pradesh	WR	10587.2
14	Maharashtra	WR	9824.0
15	Chhattisgarh	WR	3276.0
16	Goa	WR	673.0
17	DNHDDPDCL	WR	1206.0
18	ArcelorMittal Nippon Steel India Ltd (formerly Essar Steel)	WR	563.0
19	PG-HVDC-WR	WR	5.0
20	BARC	WR	5.0
21	Reliance Industries Ltd.	WR	500.0
22	Hindustan Zinc Limited	WR	250.0
23	Andhra Pradesh	SR	4207.1
24	Telangana	SR	5801.0
25	Tamil Nadu	SR	8765.0
26	Kerala	SR	2679.0
27	Karnataka	SR	5475.0
28	Pondicherry	SR	540.0
29	PG-HVDC-SR	SR	6.2
30	West Bengal	ER	3540.0
31	Odisha	ER	2166.0
32	Bihar	ER	5347.0
33	Jharkhand	ER	1590.0
34	Sikkim	ER	111.0
35	DVC	ER	956.0



S.No.	Drawee DIC	Region	GNA+GNA-RE (in MW)
36	Bangladesh	ER	982.0
37	Railways-ER-ISTS-Bihar	ER	20.0
38	PG-HVDC-ER	ER	2.0
39	India Power Corporation Limited (IPCL)	ER	100.0
40	Arunachal Pradesh	NER	208.0
41	Assam	NER	1767.0
42	Manipur	NER	177.0
43	Meghalaya	NER	290.0
44	Mizoram	NER	150.0
45	Nagaland	NER	146.0
46	Tripura	NER	311.0
47	PG-HVDC-NER	NER	1.2

**Total**

**121895.56**

**Transmission Charges claimed by ISTS licensees for the billing month June,2025**

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	33842.16	33842.16	2781.55	As per data furnished by ISTS Licensee for April'25. MTC of the assets listed under Regulation 13(3) shall be partly settled through the bilateral payments from respective entities as detailed in the transmission charges bill. PowerGrid assets for bilateral payments as mentioned in format I-C are also included in this total YTC claimed.
2	Adani Transmission (India) Limited	603.73	603.73	49.62	As per data furnished by ISTS Licensee for April'25
3	Chhattisgarh-WR Transmission Limited.	168.20	168.20	13.82	As per data furnished by ISTS Licensee for April'25
4	Raipur Rajnandgaon-WR Transmission Limited.	182.37	182.37	14.99	As per data furnished by ISTS Licensee for April'25
5	Sipat Transmission Limited.	84.95	84.95	6.98	As per data furnished by ISTS Licensee for April'25
6	Western Transmission Gujarat Limited	46.95	46.95	3.86	As per data furnished by ISTS Licensee for April'25
7	Western Transco Power Limited	85.58	85.58	7.03	As per data furnished by ISTS Licensee for April'25
8	Alipurduar Transmission Limited	149.84	149.84	12.32	As per data furnished by ISTS Licensee for April'25
9	Fatehgarh-Bhadla Transmission Ltd.	65.04	65.04	5.35	As per data furnished by ISTS Licensee for April'25
10	North Karanpura Transco Limited	39.01	39.01	3.21	As per data furnished by ISTS Licensee for April'25
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.60	As per data furnished by ISTS Licensee for April'25
12	Jam Khambaliya Transco Limited	44.08	44.08	3.62	As per data furnished by ISTS Licensee for April'25

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
13	Lakadia-Banaskantha Transmission Limited	100.28	100.28	8.24	As per data furnished by ISTS Licensee for April'25
14	WRSS XXI (A) Transco Limited	122.16	122.16	10.04	As per data furnished by ISTS Licensee for April'25
15	Karur Transmission Limited	22.37	22.37	1.84	As per data furnished by ISTS Licensee for April'25.
16	Khavda-Bhuj Transmission Limited	127.19	127.19	10.45	As per data furnished by ISTS Licensee for April'25.
17	Aravali Power Company Private Limited	6.76	6.76	0.56	Data not furnished for April'25. Considered the same as in the earlier billing period.
18	Essar Power Transmission Company Limited	69.07	69.07	5.68	Data not furnished for April'25. Considered the same as in the earlier billing period.
19	Essar Transco Limited	269.64	269.64	22.16	As per data furnished by ISTS Licensee for April'25.
20	Jindal Power Limited	31.06	31.06	2.55	As per data furnished by ISTS Licensee for April'25.
21	Kudgi Transmission Limited	196.29	196.29	16.13	Data not furnished for April'25. 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 April'25.
23	Bhopal Dhule Transmission Company Ltd.	184.89	184.89	15.20	As per data furnished by ISTS Licensee for April'25.
24	East North Interconnection Company Limited	146.33	146.33	12.03	As per data furnished by ISTS Licensee for April'25.
25	Gurgaon Palwal Transmission Limited	131.63	131.63	10.82	As per data furnished by ISTS Licensee for April'25.
26	Jabalpur Transmission Company Limited	146.78	146.78	12.06	As per data furnished by ISTS Licensee for April'25.
27	Maheshwaram Transmission Limited	56.12	56.12	4.61	As per data furnished by ISTS Licensee for April'25.
28	Khargone Transmission Company Ltd.	174.33	174.33	14.33	As per data furnished by ISTS Licensee for April'25.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
29	Goa Tamnar Transmission Projects Limited	91.85	91.85	6.26	As per data furnished by ISTS Licensee for April'25. Some of the elements of the said licensee were deemed commissioned on 19.11.2024. So, as per Regulation 13(12)(a) for deemed COD, 50% of equivalent MTC is considered for deemed commissioned elements. Further, as per Regulation 13(12)(d) for deemed COD, TC component is considered 100%.
30	Mumbai Urja Marg Limited	302.21	302.21	24.84	As per data furnished by ISTS Licensee for April'25.
31	Lakadia Vadodara Transmission Company Limited	211.79	211.79	17.41	As per data furnished by ISTS Licensee for April'25.
32	Nangalbibra Bongaigaon Transmission Limited	68.30	68.30	3.34	As per data furnished by ISTS Licensee for April'25. Some of the elements of the said licensee were deemed commissioned on 26.11.2024. So, as per Regulation 13(12)(a) for deemed COD, 50% of equivalent MTC is considered for deemed commissioned elements. Further, as per Regulation 13(12)(d) for deemed COD, TC component is considered 100%.
33	NRSS-XXIX Transmission Limited	502.44	502.44	41.30	As per data furnished by ISTS Licensee for April'25.
34	Odisha Generation Phase-II Transmission Limited	145.10	145.10	11.93	As per data furnished by ISTS Licensee for April'25.
35	Patran Transmission Company Limited	30.83	30.83	2.53	As per data furnished by ISTS Licensee for April'25.
36	Purulia & Kharagpur Transmission Company Limited	72.37	72.37	5.95	As per data furnished by ISTS Licensee for April'25.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
37	Rapp Transmission Company Limited	43.99	43.99	3.62	As per data furnished by ISTS Licensee for April'25.
38	NER-II Transmission Limited	471.83	471.83	38.78	As per data furnished by ISTS Licensee for April'25
39	Kallam Transmission Limited	17.00	17.00	1.40	As per data furnished by ISTS Licensee for April'25
40	Teestavalley Power Transmission Limited	248.37	248.37	20.41	Data not furnished for April'25. Considered the same as in the earlier billing period.
41	Torrent Power Grid Limited	26.03	26.03	2.14	As per data furnished by ISTS Licensee for April'25.
42	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.07	Data not furnished for April'25. Considered the same as in the earlier billing period.
43	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.06	Data not furnished for April'25. Considered the same as in the earlier billing period.
44	A D Hydro Power Limited	43.19	43.19	3.55	Data not furnished for April'25. Considered the same as in the earlier billing period.
45	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)	82.73	82.73	6.80	Data not furnished for April'25. Considered the same as in the earlier billing period.
46	Kohima Mariani Transmission Limited	271.40	271.40	22.31	As per data furnished by ISTS Licensee for April'25.
47	Raichur Sholapur Transmission Company Private Limited	25.70	25.70	2.11	As per data furnished by ISTS Licensee for April'25.
48	Koppal-Narendra Transmission Limited	77.19	77.19	6.34	As per data furnished by ISTS Licensee for April'25
49	Damodar Valley Corporation	104.12	104.12	8.56	Data not furnished for April'25. Considered the same as in the earlier billing period.
50	Powerlinks Transmission Limited	135.93	135.93	11.17	Data not furnished for April'25. Considered the same as in the earlier billing period.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
51	NRSS XXXVI Transmission Limited	22.17	22.17	1.82	As per data furnished by ISTS Licensee for April'25.
52	Warora-Kurnool Transmission Limited	408.80	408.80	33.60	As per data furnished by ISTS Licensee for April'25.
53	Rajgarh Transmission Limited	50.51	50.51	4.15	As per data furnished by ISTS Licensee for April'25.
54	Gadag Transmission Limited	36.44	36.44	2.99	As per data furnished by ISTS Licensee for April'25.
55	Powergrid Vizag Transmission Limited	212.55	212.55	17.47	As per data furnished by ISTS Licensee for April'25
56	Powergrid NM Transmission Limited	156.04	156.04	12.82	As per data furnished by ISTS Licensee for April'25
57	Powergrid Unchahar Transmission Limited	18.27	18.27	1.50	As per data furnished by ISTS Licensee for April'25
58	Powergrid Parli Transmission Limited	326.22	326.22	26.81	As per data furnished by ISTS Licensee for April'25
59	Powergrid Kala Amb Transmission Limited	56.94	56.94	4.68	As per data furnished by ISTS Licensee for April'25.
60	Powergrid Southern Interconnector Transmission System Limited	476.24	476.24	39.14	As per data furnished by ISTS Licensee for April'25
61	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.08	As per data furnished by ISTS Licensee for April'25
62	Powergrid Warora Transmission Limited	364.20	364.20	29.93	As per data furnished by ISTS Licensee for April'25
63	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	47.65	As per data furnished by ISTS Licensee for April'25
64	Powergrid Mithilanchal Transmission Limited	170.00	170.00	13.97	As per data furnished by ISTS Licensee for April'25

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
65	Powergrid Ajmer Phagi Transmission Limited	74.79	74.79	6.15	As per data furnished by ISTS Licensee for April'25
66	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.61	As per data furnished by ISTS Licensee for April'25
67	Powergrid Fatehgarh Transmission Limited	87.69	87.69	7.21	As per data furnished by ISTS Licensee for April'25
68	Powergrid Khetri Transmission System Ltd.	149.07	149.07	12.25	As per data furnished by ISTS Licensee for April'25
69	Powergrid Bhuj Transmission Limited	151.70	151.70	12.47	As per data furnished by ISTS Licensee for April'25
70	Powergrid Bikaner Transmission System Limited	167.88	167.88	13.80	As per data furnished by ISTS Licensee for April'25
71	Powergrid Ramgarh Transmission Limited	46.41	46.41	3.81	As per data furnished by ISTS Licensee for April'25
72	Powergrid Neemuch Transmission System Limited	78.38	78.38	6.44	As per data furnished by ISTS Licensee for April'25
73	Powergrid Bhadla Transmission Limited	86.63	86.63	7.12	As per data furnished by ISTS Licensee for April'25
74	Powergrid Aligarh Sikar Transmission Limited	118.70	118.70	9.76	As per data furnished by ISTS Licensee for April'25
75	Powergrid Sikar Transmission Limited	194.55	194.55	15.99	As per data furnished by ISTS Licensee for April'25
76	Powergrid ER NER Transmission Limited	12.91	12.91	1.06	As per data furnished by ISTS Licensee for April'25
77	Powergrid Raipur Pool Dhamtari Transmission Limited	29.72	29.72	2.44	As per data furnished by ISTS Licensee for April'25.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
78	Powergrid Dharamjaigarh Transmission Limited	28.69	28.69	2.02	As per data furnished by ISTS Licensee for April'25. Some of the elements of the said licensee were deemed commissioned on 08.04.2025. Accordingly, equivalent MTC is considered for 23 days for the elements deemed commissioned on 08.04.2025. As per Regulation 13(12)(d) for deemed COD, TC component is considered 100%.
79	North East Transmission Company Limited	252.89	252.89	20.79	Data not furnished for April'25. Considered the same as in the earlier billing period.
80	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	139.14	139.14	11.44	As per data furnished by ISTS Licensee for April'25
81	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	1.03	Data not furnished for April'25. Considered the same as in the earlier billing period.
82	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for April'25. CERC Tariff Order dated 12.06.2019 has been considered
83	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for April'25. Data as furnished by ISTS Licensee for Dec'20 has been considered.
84	Power Transmission Corporation Of Uttarakhand Ltd.	71.66	71.66	5.89	As per data furnished by ISTS Licensee for April'25. CERC Tariff Order dated 09.11.2021, 25.11.2021, 13.06.2021 and 20.01.2024 have been considered.
85	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	6.26	6.26	0.51	As per data furnished by ISTS Licensee for April'25
86	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for April'25. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
87	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	Data not furnished for April'25. Considered the same as in the earlier billing period.



S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
88	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.21	Data not furnished for April'25. Considered the same as in the earlier billing period.
89	Odisha Power Transmission Corporation Limited	9.80	9.67	0.79	Data not furnished by ISTS Licensee for April'25. Data as furnished by ISTS Licensee for Jan'21 has been considered.Filing and Publication fee of ₹ 13.67 Lacs as claimed by the licensee is not considered. The same may be claimed in Bill-2 or Bill-3 as applicable.
90	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
91	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
92	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
93	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished for April'25. Considered the same as in the earlier billing period.
94	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
95	Haryana Vidyut Prasaran Nigam Limited	0.35	0.35	0.03	Data not furnished for April'25. Considered the same as in the earlier billing period.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for April'25 (₹ Cr)	Equivalent MTC to be considered for April'25 (₹ Cr)	Remarks
96	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
97	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
98	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for April'25. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

TOTAL MTC considered for the billing period April'25 from the claimed assets of ISTS licensees (₹ Crores)

**3742.55**

**Entity-wise details of Bilateral billing for June,2025 billing month**

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
1	400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota)	Powergrid	RAPP 7&8, NPCIL	NR	2,31,34,477		As per Regulation 13(3) of Sharing Regulations 2020
2	Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line,Asset3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	Powergrid	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	1,03,51,479		As per Regulation 13(3) of Sharing Regulations 2020
3	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	25,34,89,742		--
4	Mahan Bilaspur Line	Essar Transco Limited	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	4,89,46,521		CERC order dated 22.11.2023 in Petition No. Petition No. 24/TT/2023
5	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	8,017		As per Regulation 13(3) of Sharing Regulations 2020
6	Establishment of 400 kV Pooling Station at Fatehgarh						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
7	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	8,528		As per Regulation 13(3) of Sharing Regulations 2020
8	2 Nos. 400 kV line bays at Fatehgarh Pooling Station						As per Regulation 13(3) of Sharing Regulations 2020
9	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay						As per Regulation 13(3) of Sharing Regulations 2020
10	Space for future 220kV (12 Nos) Line Bays						As per Regulation 13(3) of Sharing Regulations 2020
11	Space for future 400kV (8 Nos) Line Bays alongwith line reactors at at Fatehgarh Pooling Station						As per Regulation 13(3) of Sharing Regulations 2020
12	Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.						As per Regulation 13(3) of Sharing Regulations 2020
13	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.						As per Regulation 13(3) of Sharing Regulations 2020
14	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	4,17,79,973		As per Regulation 13(3) of Sharing Regulations 2020
15	765/400 kV 800 MVA ICTI along with associated bays at Koteswar (Tehri Pooling Station) under Transmission System associated with Tehri Pump Storage Plant (PSP)						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
16	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)						As per Regulation 13(3) of Sharing Regulations 2020
17	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	42,10,982		As per Regulation 13(3) of Sharing Regulations 2020
18	400 KV D/C Quad Moose Koppal PS – Narendra (New) Transmission Line	Koppal-Narendra Transmission Limited	ReNew Solar Power Pvt Ltd.	SR	5,49,794		As per Regulation 13(3) of Sharing Regulations 2020
19	400/220 kV Koppal Pooling Station  <b>400kV</b> •ICT: 3x500MVA, 400/220kV •ICT bay: 3 nos. •Line bay: 2 nos. •Bus Reactor bay: 2 nos. <b>220kV</b> •ICT bay: 3 nos •Line bay: 5 nos. •Bus coupler bay: 1 no. •Transfer Bus coupler bay: 1 no.						
20	2x125 MVar, 420 kV bus reactor at Koppal Pooling station						

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
21	<ul style="list-style-type: none"> <li>- 400 kV GIS Line bay at Narendra (New): 2 nos.</li> <li>- 400 kV GIS Bay for future 765/400kV Transformer: 2 nos.</li> <li>- 400 kV Auxiliary GIS bay module for switching of future 765/400 kV Transformer: 1 no.</li> </ul>						
22	<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>	Powergrid Ramgarh Transmission Ltd.	Adani Renewable Energy Holding Seventeen Pvt. Ltd.	NR	1,16,22,148		As per Regulation 13(3) of Sharing Regulations 2020
23	Ramgarh-II PS(Fatehgarh-III) - Fatehgarh-II PS 400kV D/c line (Twin HTLS)						
24	2 nos. of 400kV line bays at Fatehgarh-II PS for Ramgarh-II PS - Fatehgarh-II PS 400kV D/c line						
25	Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line (Twin HTLS)						

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
26	2 nos. of 400kV line bays at Jaisalmer-II (RVPN) for Ramgarh-II PS - Jaisalmer-II (RVPN) 400kV D/c line						
27	Gadag PS - Narendra (New) PS 400 kV (high capacity equivalent to quad moose) D/c line (Twin HTLS Line)	Gadag Transmission Limited	Renew Solar Power Pvt. Ltd.	SR	1,00,77,674		As per Regulation 13(3) of Sharing Regulations 2020
28	400/220 kV, 2x500 MVA Gadag Pooling Station with 400 kV (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 – 2 nos. - 220 kV line bays – 4 nos. - 125 MVAR, 420 kV reactor – 1 no. - 420 kV reactor bay – 1 no. - 220 kV bus coupler (BC) bay -1 no. - 220 kV transfer bus coupler (TBC) bay- 1 no.						
29	400 kV GIS line bays at Narendra (new) for Gadag PS-Narendra (New) PS 400 kV D/c Line  400 kV GIS line bays – 2 nos.						

**TOTAL**

**40,41,79,335**

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

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

Sl. No.	Name of Inter-State Transmission Licensee	Voltage Level	Name of Inter-State Network element	Type of Network element	MTC (Rs.)	COD	Details of the CERC Order
1	Kallam Transmission Limited	400kV	LILO of both circuits of Parli (PG) - Pune (GIS) 400kV D/C Line at Kallam PS	Line	13975890	Deemed COD on 14.02.2024	CERC order dated 01.06.2022 in Petition No. 31/AT/2022
		400kV	1x125MVar bus reactor at Kallam PS 400 kV Reactor bay -1	Bus Reactor			
		400kV	Provision of new 50MVar switchable line reactor with 400 ohms NGR at Kallam PS end of Kallam-Pune (GIS) 400kV D/c line. 2x50 MVar, 400 kV Reactor bay - 2	Line Reactor			
		400/220kV	Establishment of 2X500 MVA, 400/220kV substation near Kallam PS				



Sl. No.	Name of Inter-State Transmission Licensee	Voltage Level	Name of Inter-State Network element	Type of Network element	MTC (Rs.)	COD	Details of the CERC Order
2	Goa Tamnar Transmission Projects Limited	400kV	Xeldem-Mapusa 400kV D/c (Quad) line	Line	12940099	Deemed COD on 19.11.2024	CERC order dated 13.07.2018 in Petition No. 97/AT/2018
		400/220kV	<p>Establishment of 2x500MVA, 400/220kV substation at Xeldem</p> <p>400kV</p> <ul style="list-style-type: none"> <li>• ICTs: 2x500MVA, 400/220kV</li> <li>• ICT bays: 2 nos.</li> </ul> <ul style="list-style-type: none"> <li>• Line bays: 4 nos. (2 nos. for Xeldem-Mapusa 400kV D/c (Quad) line &amp; 2 nos. for LILO of one ckt. of Narendra (New) 400kV D/c quad line at Xeldem) <ul style="list-style-type: none"> <li>• Bus Reactor : 1x125MVAR</li> <li>• Bus Reactor Bay: 1 no</li> </ul> </li> <li>• Space for 2x500MVA, 400/220kV ICTs (Future)</li> <li>• Space for ICT bays (future) : 2 nos.</li> <li>• Space for Line bays along with line reactors (future): 4 nos.</li> </ul> <ul style="list-style-type: none"> <li>• 1x63MVAR switchable line reactor along with 500 ohms NGR and its auxiliaries (for Narendra (existing) -Xeldem 400kV line formed after LILO of one ckt. of Narendra (existing) -Narendra (New) 400kV D/c quad line at Xeldem)</li> <li>• 1x80MVAR switchable line reactor along with 500 ohms NGR and its auxiliaries (for Narendra (New) -Xeldem 400kV (quad) line formed after LILO of one ckt. of Narendra (existing) -Narendra (New) 400kV D/c quad line at Xeldem)</li> </ul> <p>220kV</p> <ul style="list-style-type: none"> <li>• Inter-connection with Xeldem (existing) substation through 220kV D/c line with HTLS conductor (ampacity equivalent to twin moose conductor) <ul style="list-style-type: none"> <li>• ICT bays: 2 nos.</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>• Line bays: 6 nos. (2 Nos. for New Xeldem (400 kV)-Xeldem (GED) 220kV D/c line, 2 nos. for New Xeldem (400 kV)-Verna (GED) 220kV D/c line and 2 nos. for LILO of 2nd circuit of Ambewadi-Ponda 220Kv D/c line at New Xeldem (400 kV) <ul style="list-style-type: none"> <li>• Space for ICT bays (future) : 2nos.</li> <li>• Space for Line bays (future) : 6 nos.</li> </ul> </li> </ul>	Substation			

Sl. No.	Name of Inter-State Transmission Licensee	Voltage Level	Name of Inter-State Network element	Type of Network element	MTC (Rs.)	COD	Details of the CERC Order
3	<b>Nangalbibra Bongaigaon Transmission Limited</b>	220/132kV	<p>Establishment of new 220/132kV, 2x160MVA substation at Nangalbibra</p> <p>i. 220/132kV, 160 MVA ICT - 2 No.</p> <p>ii. 220kV ICT bays - 2 No.</p> <p>iii. 132kV ICT bays - 2 No.</p> <p>iv. 220kV Line bays: 2 No. [for termination of Bongaigaon (POWERGRID) - Nangalbibra 400kV D/c line (initially operated at 220kV) -under this scheme]</p> <p>v. 132 kV Line bays: 2 No. [for termination of Nangalbibra -existing Nangalbibra (MePTCL) 132kV D/c (Single Moose) line of MePTCL]</p> <p>vi. Bus reactor 245kV, 31.5MVAR - 2 No.</p> <p>vii. 220kV Bus reactor bays - 2 No.</p> <p>Additional space for future expansion:</p> <ul style="list-style-type: none"> <li>•220/132kV, 200MVA ICT – 1 No. (along with associated bays at both levels)</li> <li>•400/220kV, 500MVA ICT -3 No. (along with associated bays at both levels)</li> </ul> <p>Space for 400kV upgradation:</p> <p>-Line bays along with space for switchable line reactor : 8 No. [2 No. for 400kV operation of Bongaigaon (Powergrid)-Nangalbibra 400kV D/c line (initially operated at 220kV) and 6 No. for other lines]</p> <p>-Bus reactor 420kV, 125MVAR- 3 No.</p> <p>-400kV Bus reactor bays- 3 No.</p> <p>Space for future 220kV line bays: 6 No. [2 no. for termination of Mawngap (Meghalaya)-Nangalbibra 220kV D/c line of MePTCL and 4 No. for future lines]</p> <p>Space for future 132kV line bays: 6 No. (for future lines)</p>	Substation	22704464	Deemed COD on 26.11.2024	CERC order dated 27.05.2022 in Petition No. 24/AT/2022
		400kV	Extension at Boingaigaon (Powergrid) S/s: 2 No. of line bays for termination of Bongaigaon (Powergrid)-Nangalbibra 400kV D/c line (initiated operated at 220kV)	Line bays			
		400kV	Boingaigaon (Powergrid)-Nangalbibra 400kV D/c line (initially operated at 220kV)	Line			

**Total**

**49620453**

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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 <sub>1</sub> )(MW)	Yearly Max ISTS drawal(Y <sub>1</sub> )(MW)	Z <sub>1</sub> = 0.5*x+0.5*y (MW)	Yearly Average of Daily Max ISTS drawal (X <sub>2</sub> )(MW)	Yearly Max ISTS drawal(Y <sub>2</sub> )(MW)	Z <sub>2</sub> = 0.5*x+0.5*y (MW)	Yearly Average of Daily Max ISTS drawal (X <sub>3</sub> )(MW)	Yearly Max ISTS drawal(Y <sub>3</sub> )(MW)	Z <sub>3</sub> = 0.5*x+0.5*y (MW)	GNAsh* (MW)=Avg of Z1 Z2 & Z3	GNA (MW) As per Annexure-I of GNA Regulations ,2022	GNAd (MW) (=GNA-GNash)
	2018-19			2019-20			2020-21					
Northern Region												
Haryana	4660	7321	5991	5433	7778	6606	5499	9132	7316	5143	5418	275
Rajasthan	3874	5596	4735	4359	7759	6059	5080	7466	6273	5689	5755	66
Uttar Pradesh	7068	10304	8686	8136	12090	10113	8492	12582	10537	9779	10165	386
Southern Region												
Tamil Nadu	6707	9560	8134	7361	9984	8673	7501	11475	9488	8765	9177	412
Telangana	4160	6115	5137	4104	7854	5979	4380	8193	6286	5801	6140	339
Andhra Pradesh	2635	4578	3606	2741	5357	4049	3771	6110	4941	4199	4516	317
Western Region												
Chhattishgarh	1100	2219	1659	1491	2353	1922	1459	2714	2086	1889	2149	260
Gujarat	5346	8699	7023	4284	6260	5272	4675	8611	6643	6312	6434	122
Maharashtra	6481	10207	8344	6437	8790	7613	7409	10238	8824	8260	8496	236
Easten Region												
Bihar	4095	4782	4438	4320	5494	4907	4553	5840	5196	4847	5043	196
North Easten Region												
Arunachal Pradesh	118	145	132	99	132	115	84	128	106	117	134	17
Assam	1171	1468	1319	1186	1608	1397	1251	1690	1470	1396	1529	133
Manipur	135	196	166	147	201	174	166	218	192	177	204	27
Nagaland	112	145	128	117	140	128	113	140	126	128	134	6

**Note:**

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

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

<b>Northern Region</b>	<b>Generating Stations</b>
Haryana	IGTPS(Jhajjhar)
Rajasthan	Anta GPS, RAPS B
Uttar Pradesh	Unchahar Stage-I,Tanda Stage-II,Narora Atomic Power Station(NAPS)
<b>Southern Region</b>	
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
<b>Western Region</b>	
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)
<b>Easten Region</b>	
Bihar	Kanti Stage-2 (at 220kV level)
Sikkim	Chuzachen HEP(#)
<b>North Easten Region</b>	
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 for June'25 Billing Month as furnished by CTU**

S.No.	Name of the ISTS Licensee	Voltage level	Project Name	Asset name	Equipment type	Line name	In case of Transmission line			YTC in Lakhs	Block	Order Status	Petition COD	Actual COD	Petition No.	Order date	Remarks
							Type of Conductor	No. of sub-Conductors	Line Length (ekt km)								
1		765	Green Energy Corridors- Inter-State Transmission Scheme (ISTS)-Part-B in Northern Region	Chittorgarh-Ajmer 765 kV D/C line along with associated bays and 240 MVAR Switchable Line reactors at both end	RE-Line	Chittorgarh-Ajmer 765 kV D/C line	Zebra	6	422.34	42763	2019-24	Final 19-24	10/6/2018	10/6/2018	328/TT/2022	4/28/2023	
		400	Green Energy Corridors- Inter State Transmission Scheme (ISTS) Part-B	1 no. 400 kV, 125 MVAR Bus Reactor along with associated bay at Banaskantha SS	RE BR												
		765		765kV Banaskantha - Chittorgarh TL with 2 nos. 330 MVAR, SLR at Bansknta. SS & 2 nos. 240 MVAR, SLR at Chittgrh SS, 400 kV Bansknta - Sankhari TL, 2 nos. 1500 MVA, ICTs along with ass. bays and 1 no. 765 kV, 330 MVAR BR with ass. bay at Bansknta SS	RE Line	765kV Banaskantha - Chittorgarh TL	Hexa Zebra	6	715.652								
		400	Green Energy Corridors- Inter State Transmission Scheme (ISTS) Part-B		RE Line	400 kV Banaskantha - 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)	LJLO 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	LJLO of 400 kV Kadapa-Kolar S/C Line at NP Kunta	ACSR Moose	2	19.02	3804	2019-24	Final 19-24	10/5/2016	10/5/2016	360/TT/2020	2/18/2022	
		400/220	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh-Part A (Phase-I)	2x500 MVA transformer & 1x125 MVAR reactor alongwith associated bays at NP Kunta	RE-ICT												
		400	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh-Part A (Phase-I)	±100 MVAR STATCOM at NP Kunta Pooling Station	RE-STATCOM												
3		400	Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region	LJLO 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	LJLO of Vindhyachal-Jabalpur 400 kV 2nd D/C line (Ckt 3 & 4) at 400/220 kV Rewa Pooling station	Moose	2	129.024	3785	2014-19	Final 14-19	06-07-2018	06-07-2018	7/TT/2018	5/Nov/18	
4		220	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase-III)	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	NC-RE						2019-24	Final 19-24	03-07-2018	03-07-2018	185/TT/2022	9/Feb/23	Set aside by APTEL vide Order dtd 15.12.2023 under APL No. 605 OF 2023 & IA No. 1783 OF 2022 & IA No. 1782 OF 2022
5		220	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase-III)	2 nos. 220 kV Line bays (Bay No 210 & 212) at NP Kunta substation	NC-RE						2019-24	Final 19-24	03-07-2018	03-07-2018	185/TT/2022	9/Feb/23	Set aside by APTEL vide Order dtd 15.12.2023 under APL No. 605 OF 2023 & IA No. 1783 OF 2022 & IA No. 1782 OF 2022
6		400	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part C (Phase-III)	1 no. 500 MVA 400/220 kV Transformer along with associated bays at NP Kunta Sub-Station	NC-RE						2019-24	Final 19-24	30-09-2018	30-09-2018	185/TT/2022	9/Feb/23	Set aside by APTEL vide Order dtd 15.12.2023 under APL No. 605 OF 2023 & IA No. 1783 OF 2022 & IA No. 1782 OF 2022
7		400	Green Energy Corridors- Inter State Transmission Scheme (ISTS) PartC	2 nos. 500MVA, 400/220 kV ICTs along with associated bays at Bhuj Pooling Station	RE ICT					27358	2019-24	Final 19-24	3/20/2019	3/20/2019	42/TT/2022	10/12/2022	
		400	Green Energy Corridors- Inter State Transmission Scheme (ISTS) PartC	1 no. 400 kV, 125 MVAR Bus Reactor along with associated bays at Bhuj Pooling Station	RE												
		765	Green Energy Corridors- Inter State Transmission Scheme (ISTS) PartC	1 no. 1500 MVA, 765/400 kV ICT-1 along with associated bays at Bhuj Pooling Station	RE												
		765	Green Energy Corridors- Inter State Transmission Scheme (ISTS) PartC	765kV D/C Bhuj PS-Banaskantha TL with ass. Bays at both ends, 2x330 MVAR SLRs with ass. bays at both ends, 1 no. 1500 MVA, 765/400 kV ICT-2 and 1 no. 765 kV, 330 MVAR BR with ass. bays at Bhuj PS	RE Line	765kV D/C Bhuj PS-Banaskantha TL	Hexa Zebra	6	579.394								
		765			RE SLR												
		765			RE ICT												
		765			RE BR												
8		765	Green Energy Corridor ISTS Part-D in Northern Region	765 kV D/C Bikaner (New)-Moga TL with 2x330 MVAR, 765 kV SLR and ass. bays at Bikaner end and 2 Nos. 330 MVAR, 765 kV SLR and ass. bays at Moga end	RE	765 kV D/C Bikaner (New)-Moga TL	Hexa Zebra	6	734.734	24069	2019-24	Final 19-24	11-03-2020	11-03-2020	34/TT/2021	8/Mar/22	
9		765	Green Energy Corridor ISTS Part-D in Northern Region	765 kV D/C Ajmer (New)-Bikaner (New) TL with SLR & ass. bays at Ajmer & Bikaner; 2 Nos. 3*500 MVA ICT at Bikaner Ss, 3*110 MVAR & 1x125 MVAR BRs at Bikaner (New) Ss, LJLO of one ckt. of 400 kV Badhla (RVPNL) - Bikaner (RVPNL) D/C TL at Bikaner (New)	RE	765 kV D/C Ajmer (New)-Bikaner (New) TL	Hexa Zebra	6	526	24474	2019-24	Final 19-24	7/7/2019	7/7/2019	34/TT/2021	3/8/2022	
10		400	Transmission system for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka Phase-I	Tumkur (Pavagada) Pool-Hiriyur 400 kV D/C line along with associated bays and equipment at both ends	RE-Line	Tumkur (Pavagada) Pool-Hiriyur 400 kV D/C line	ACSR Moose	2	218.7	2688	2019-24	Final 19-24	27-09-2018	27-09-2018	653/TT/2020	13/Mar/22	

S.No.	Name of the ISTS Licensee	Voltage level	Project Name	Asset name	Equipment type	Line name	Type of Conductor	No. of sub-Conductors	Line Length (ckt km)	YTC in Lakhs	Block	Order Status	Petition COD	Actual COD	Petition No.	Order date	Remarks
11		400	Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	LILO of one circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station	RE-Line	LILO of one circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station	Moose	2	0.45	7645	2019-24	Final 19-24	3/14/2018	3/14/2018	357/TT/2020	3/14/2022	
		400	Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	LILO of second circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station along with associated bays and equipment	RE-Line	LILO of second circuit of 400 kV D/C GootyTumkur (Vasantnarsapur) D/C line at Tumkur (Pavagada) pooling station	Moose	2	0.45								
			Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	New 400/220 kV pooling station at Tumkur (Pavagada) with 1 X 500MVA 400/220 kV ICT along with associated bays & equipment	RE												
			Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	1x 125 MVAR 400 kV Bus reactor and along with associated bays & equipment's at 400/220 kV Tumkur (Pavagada) pooling station	RE												
		400	Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	LILO of 400 kV D/C Bellary -Tumkur (Vasantnarsapur) D/C (Quad Moose) TL at Tumkur (Pavagada) pooling station along with associated bays & equipment	RE-Line	LILO of 400 kV D/C Bellary -Tumkur (Vasantnarsapur) D/C (Quad Moose) TL at Tumkur (Pavagada) pooling station	Moose	4	222.96								
			Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	1 X 500 MVA 400/220 kV ICT-I at 400/220 kV Tumkur (Pavagada) pooling station along with associated bays & equipment	RE												
			Transmission System for Ultra mega Solar Power Park at Tumkur (Pavagada), Karnataka-Phase-I	1 X 500 MVA 400/220 kV ICT-II at 400/220 kV Tumkur (Pavagada) pooling station along with associated bays & equipment	RE												
12		400	Transmission system for Ultra Mega Solar Power Park at Tumkur (Pavagada), Karnataka - Phase II (Part A) in Southern Region	1X500 MVA 400/220 kV ICT along with associated bays at Tumkur (Pavagada) Substation	RE-ICT					711	2019-24	Final 19-24	31-03-2019	31-03-2019	656/TT/2020	21/Mar/22	
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	16330	2019-24	Final 19-24	2/2/2018	2/2/2018	476/TT/2020	3/28/2022	
		400			RE-Line	400 kV D/C Chittorgarh (New)-Chittorgarh (RVPN) TL	Moose	4	97.48								
			Transmission System Associated with Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A	Combined Assets of(1) 765 kV, 240 MVAR BR along with associated bay at Ajmer (New) SS(2) 765/400 kV, 3X500 MVA ICT-II along with associated bays at Ajmer (New) SS	RE												
		400	Transmission System Associated with Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A	2 X400 kV D/C(Quad)Tirunelveli Pooling Station-Tuticorin Pooling station line along with new 400/230kV (GIS) Tirunelveli Pooling SS with 2X125MVAR 400kV BR & associated bays at 400/230kV Tuticorin Pooling station	RE-Line	2 X 400 kV D/C (Quad) Tirunelveli Pooling Station-Tuticorin Pooling station line	Moose	4	24.06								
14			Transmission System Associated with Green Energy Corridors: Inter State Transmission Scheme (ISTS)-Part A	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	RE					1535	2019-24	Final 19-24	10-06-2018	10-06-2018	476/TT/2020	28/Mar/22	Breakup of Pool & Bilateral portion already given in Format II G(1)
15		400	Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 Kv line bays at Banaskantha (PG)	RE Line	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line	Twin Moose	2	130.38	2026	2019-24	Final 19-24	05-09-2020	05-09-2020	203/TT/2021	26/May/22	Breakup of Pool & Bilateral portion already given in Format II G(1)
16		400	Supplementary Transmission System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS-Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays	RE					2373	2019-24	Final 19-24	05-09-2020	05-09-2020	74/TT/2021	9/Jun/22	Breakup of Pool & Bilateral portion already given in Format II G(1)
17		765	Transmission System for Solar Power Park at Bhadla in the Northern Region	a) 765 kV D/C Bhadla (PG)- Bikaner (PG) with 2x240 MVAR SLR at Bhadla (PG) Ss & 2x240 MVAR SLRs at Bikaner (PG) Ss; (b) 765/400 kV, 1500 MVA ICT-I, II & III with ass. bays at Bhadla (PG) Ss; (c) 1 no of 240 MVAR BR with ass. bays at Bhadla (PG) Ss	RE	765 kV D/C Bhadla (PG)- Bikaner (PG)	Hexa ACSR Zebra	6	338.876	15299	2019-24	Final 19-24	17-10-2019	17-10-2019	9/TT/2021	11/Jun/22	

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
18	POWERGRID	400	Transmission System for Solar Power Park at Bhadla in the Northern Region	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	RE					244	2019-24	Final 19-24	27-09-2019	27-09-2019	9/TT/2021	11/Jun/22	Breakup of Pool & Bilateral portion already given in Format II G(1)
19		220	Transmission System for Solar Power Park at Bhadla in the Northern Region	2 numbers 220 kV line bays (205 & 206) at Badhla (POWERGRID) Sub-station	RE					122	2019-24	Final 19-24	07-08-2019	07-08-2019	9/TT/2021	11/Jun/22	
20			Transmission System for Solar Power Park at Bhadla in the Northern Region	500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Sub-station	RE					588	2019-24	Final 19-24	01-06-2019	01-06-2019	9/TT/2021	11/Jun/22	As per APTEL Order dtd 10.08.2023 under DFR No : 541 of 2022, the CERC order under appeal is set aside to the limited extent it has been made applicable to the Appellant (ESUCRL). Accordingly the bilateral portion has been removed here.
21			Transmission System for Solar Power Park at Bhadla in the Northern Region	500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Sub-station	RE					638	2019-24	Final 19-24	17-05-2019	17-05-2019	9/TT/2021	11/Jun/22	As per APTEL Order dtd 10.08.2023 under DFR No : 541 of 2022, the CERC order under appeal is set aside to the limited extent it has been made applicable to the Appellant (ESUCRL). Accordingly the bilateral portion has been removed here.
22		220	Transmission System for Solar Power Park at Bhadla in the Northern Region	220 kV Sourya Urja line-2 Bay at Bhadla (POWERGRID) Sub-station	RE					78	2019-24	Final 19-24	04-05-2019	04-05-2019	9/TT/2021	11/Jun/22	
23		400	Transmission System for Solar Power Park at Bhadla in the Northern Region	Comb Asset(a) 400 kV D/C Bhadla (PG)- Bhadla (RVPNL) CKTs 1&2 with ass. bays; (b) 400 kV,1X125 MVAR BR with ass. bays at Bhadla (PG) Ss; (c) 400 kV, 500 MVA ICT-2 with ass. bays at Bhadla (PG) Ss; (d) 220 kV, Adani Bhadla (Ps) line-1 bay at Bhadla (PG) Ss	RE	400 kV D/C Bhadla (PG)- Bhadla (RVPNL) CKTs 1&2 with ass. bays	Quad ACSR Moose	4	53.084	2139	2019-24	Final 19-24	29-04-2019	29-04-2019	9/TT/2021	11/Jun/22	As per APTEL Order dtd 10.08.2023 under DFR No : 541 of 2022, the CERC order under appeal is set aside to the limited extent it has been made applicable to the Appellant (ESUCRL). Accordingly the bilateral portion has been removed here.
24		220	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II)	4 Numbers of 220 kV line bays (Bay No. 213, 214, 219 & 220) at NP Kunta Substation	RE					114	2019-24	Final 19-24	03-08-2018	03-08-2018	8/TT/2023	7/Feb/24	
25		220	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II)	2 numbers of 220 kV line bays (Bay No. 217 & 218) at NP Kunta Sub-station	RE					79	2019-24	Final 19-24	26-04-2017	26-04-2017	8/TT/2023	7/Feb/24	
26		400	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II)	Loop out Portion of LILO of Kadapa-Hindupur 400 kV D/C line (both circuits) at NP Kunta Sub-station along with associated bays	RE Line	Loop out Portion of LILO of Kadapa-Hindupur 400 kV D/C line (both circuits) at NP Kunta Sub-station	Quad Moose	2	18.32	487	2019-24	Final 19-24	12-10-2018	12-10-2018	8/TT/2023	7/Feb/24	
27		400	Transmission System for Ultra Mega Solar Park in Anantpur District, Andhra Pradesh - Part B (Phase-II)	Loop in Portion of LILO of Kadapa-Hindupur 400 Kv Double Circuit (D/C) line (both circuits) at NP Kunta Sub-station along with associated bays	RE Line	Loop in Portion of LILO of Kadapa-Hindupur 400 Kv Double Circuit (D/C) line (both circuits) at NP Kunta Sub-station	Quad Moose	2	19.18	442	2019-24	Final 19-24	04-08-2018	04-08-2018	8/TT/2023	7/Feb/24	
28		400 kV	Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada) Karnataka - Phase II (Part A) in SR	400 kV D/C Hiriyur - Mysore transmission line along with associated bays and 2X80 MVAR switchable line reactors along with associated bays at 400/220 Kv Mysore Sub-station	NC-RE	400 kV D/C Hiriyur - Mysore transmission line	Twin ACSR Moose	2	411.448	5576	2019-24	Final 19-24	01-05-2020	01-05-2020	112/TT/2021	3/Jan/23	
29		400/220 kV	Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada) Karnataka - Phase II (Part A) in SR	1X500 MVA 400/220 kV ICTs along with associated bays at Tumkur (Pavagada) Sub-station	NC-RE					626	2019-24	Final 19-24	28-04-2019	28-04-2019	112/TT/2021	3/Jan/23	
30		400 kV	Transmission System for Ultra Mega Solar Power Park at Tumkur (Pavagada) Karnataka - Phase II (Part A) in SR	1X125 MVA 400kV Bus Reactor along with associated bays at Tumkur (Pavagada) pooling Sub-station	NC-RE					166	2019-24	Final 19-24	03-06-2019	03-06-2019	112/TT/2021	3/Jan/23	
31		400	Transmission Scheme for controlling high loading and high short circuit level at Moga Sub-station in NR	The Bus splitting scheme at Moga Substation	NC-RE					770	2019-24	Final 19-24	10-09-2021	10-09-2021	301/TT/2022	15/Feb/23	

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
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 Dsh circuit 2 line at Rewa Pooling Station	NC-RE					172	2014-19	Final 14-19	25-07-2018	25-07-2018	06/TT/2020	24/Feb/23	
33		220	Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region.	1 Number 220 kV Line Bay for 220 kV Rewa Pooling – Ramnagar circuit - 1 line at Rewa Pooling Station	NC-RE					115	2014-19	Final 14-19	16-10-2018	16-10-2018	06/TT/2020	24/Feb/23	
34		220	Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region.	2 Number 220 kV line bays for 220 kV Rewa Pooling-Badwar circuit- 1 and circuit- 2 line at Rewa Pooling Station	NC-RE					179	2014-19	Final 14-19	22-11-2018	22-11-2018	06/TT/2020	24/Feb/23	
35		400/220	Transmission System for Ultra Mega Solar Park (750MW) in Rewa District, Madhya Pradesh in Western Region.	1 Number 500 MVA, 400/220 kV ICT 3 along with associated 400 kV and 220 kV transformer bays at Rewa Pooling Station	NC-RE					517	2014-19	Final 14-19	08-02-2019	08-02-2019	06/TT/2020	24/Feb/23	
36		400	Additional ATS for 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	8153	2019-24	Final 19-24	01-03-2021	01-03-2021	83/TT/2022	31/Mar/23	
37		400/220 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 no. 500 MVA 400/220 kV ICT-4 along with associated 400 Kv and 220 Kv bays at Bhuj Sub-station	NC-RE					494	2019-24	Final 19-24	09-10-2019	09-10-2019	110/TT/2022	30/Jun/23	
38		400/220 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 no. 500 MVA 400/220 kV ICT5 along with associated 400 Kv & 220 Kv bays at Bhuj Sub-station	NC-RE					467	2019-24	Final 19-24	23-10-2019	23-10-2019	110/TT/2022	30/Jun/23	
39		400/220 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 no. 500 MVA 400/220 kV ICT-3 along with associated 400 Kv & 220 Kv bays at Bhuj Sub-station	NC-RE					554	2019-24	Final 19-24	17-09-2020	17-09-2020	110/TT/2022	30/Jun/23	
40		400/220 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 no. 500 MVA, 400/220 kV ICT-8 along with associated 400kV and 220kV transformer bays at Bhuj PS and 1 no. 1500 MVA, 765/400 kV ICT-4 along with associated 765 kV and 400 kV transformer bays at Bhuj PS	NC-RE					2154	2019-24	Final 19-24	02-05-2021	02-05-2021	110/TT/2022	30/Jun/23	
41		400/220 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 no. 500 MVA, 400/220 kV ICT-7 along with associated 400 kV and 220 kV transformer bays at Bhuj PS	NC-RE					741	2019-24	Final 19-24	04-05-2021	04-05-2021	110/TT/2022	30/Jun/23	
42		765/400 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 no. 1500 MVA, 765/400 kV ICT-3 along with associated 765 kV & 400 kV transformer bays at Bhuj PS and 1 No. 500 MVA, 400/220 kV ICT-6 along with associated 400 kV & 220 kV transformer bays at Bhuj PS	NC-RE					2150	2019-24	Final 19-24	05-05-2021	05-05-2021	110/TT/2022	30/Jun/23	
43		400/220 kV	System Strengthening Scheme at Tuticorin- II and Bhuj PS in the WR and SR	1 X 500 MVA, 400/220 kV Transformer along with associated bays at Tuticorin-II (GIS) Sub-station	NC-RE					745	2019-24	Final 19-24	28-02-2022	28-02-2022	110/TT/2022	30/Jun/23	
44		220	Extension works at POWERGRID Sub-stations for inter-connection of RE projects in the Western Region	1 No. 220 kV GIS Line Bay at Bhuj Sub-station associated with Part-B: Extension works at Bhuj Pooling Station for interconnection of RE projects	NC-RE					104	2019-24	Final 19-24	29-09-2021	29-09-2021	293/TT/2022	29/Mar/24	Breakup of Pool & Bilateral portion shall be given in Format II G(1)
45		400	Extension works at POWERGRID Sub-stations for inter-connection of RE projects in the Western Region	Conversion of existing 2x63MVAR Line Reactors at Bhachau end of Bhachau-EPGL 400 kV D/C line to Switchable Line Reactors along with two nos. of 400 kV Reactor bays associated with Part A: PG works associated with Western Region Strengthening Scheme-21	NC-RE					120	2019-24	Final 19-24	09-08-2021	09-08-2021	293/TT/2022	29/Mar/24	
46		230	Implementation of 1 No. 230 kV bay at Tuticorin-II GIS PS in Southern Region	1 No. 230 kV line bay at Tuticorin-II GIS PS	NC-RE					121	2019-24	Final 19-24	19-08-2022	19-08-2022	67/TT/2023	2/Aug/24	
47		400/220	Implementation of the 1x500 MVA, 400/220 kV ICT (8th) at Bhadla Pooling Station Scheme in Northern Region	500 MVA, 400/220 kV ICT8 along with associated 400 kV and 220 kV bays at Bhadla Sub-station	NC-RE					748	2019-24	Final 19-24	31-03-2023	31-03-2023	389/TT/2023	4/Nov/24	



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
48	POWERGRID AJMER PHAGI TRANSMISSION LIMITED	765		Ajmer(PG)-Phagi(RVPN) 765 kV D/C line	RE Line	Ajmer(PG)-Phagi(RVPN) 765 kV D/C line	Hexa Zebra	6	269.6	7479	-	-	-	5/6/2021	398/AT/2019	04.03.2020	
		765		2 nos. of 765 kV line bays(AIS) at Ajmer PG-Phagi(RVPN) 765 kV D/C line	RE Line bays									5/6/2021			
		765		1 no. 765 kV bay (AIS) & 1 complete GIS dia 765 kV (2 Main breaker & 1 Tie breaker) at Phagi S/s for Ajmer(PG)-Phagi (RVPN) 765 kV D/C line	RE Line bays									5/6/2021			
		765		3x80 MVAR, 765 kV bus reactor with GIS bay (2nd main bay of new DIA being created for termination of 765 kV D/C line from Ajmer) at Phagi S/s.	RE Bus Reactor									5/6/2021			
49	FATEGARH-BHADLA TRANSMISSION LIMITED	400		Establishment of 400 kV Pooling Station at Fatehgarh						6504				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 Fatehgarh Pooling Station										Deemed COD 31.07.2021	94/TL/2018		
		400		Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.										Deemed COD 31.07.2021	94/TL/2018		
		400		Space for future 400kV bus reactors (2 Nos) alongwith associated bays.										Deemed COD 31.07.2021	94/TL/2018		
50	POWERGRID FATEHGARH TRANSMISSION LIMITED	765		Fatehgarh-II - Bhadhla-II 765 kV D/C Line	Line	Fatehgarh-II - Bhadhla-II 765 kV D/C Line	ACSR ZEBRA	6	373.5	8769				9/1/2021	441/AT/2019	05.03.2020	
		765		2 nos. of 765 kV bays each at Fatehgarh-II & Bhadhla-II S/s for Fatehgarh-II to Bhadhla-II 765 kV D/C line	Bays		NA	NA	NA					9/1/2021			
		765		240 MVAR Switchable Line Reactor with NGR of 400 ohm at Fatehgarh-II on each circuit of Fatehgarh II - Bhadhla-II 765 kV D/C Line	SLR		NA	NA	NA					9/1/2021			
51	BIKANER-KHETRI TRANSMISSION LIMITED	765		Bikaner (PG) - Khetri S/s 765kV D/c line	Line	Bikaner (PG) - Khetri S/s 765kV D/c line	Zebra	6	481	11299				4-Sep-21	344/TL/2019		
		765		765kV Bays at Bikaner (PG) & Khetri for Bikaner (PG)-Khetri S/s 765kV D/c line. (765kV line bays-4 nos.)						633				4-Sep-21			
		765		1x240 MVA Switchable line reactor for each circuit at each end of Bikaner-Khetri 765kV D/c line along with reactor bays (1x240 MVA Line reactor-4 nos., 765kV Reactor bay-4 nos.) 1x80 MVAR, 765 kV, 1-ph Reactor (spare unit) (For 2x240 MVA line reactor on Bikaner-Khetri 765kV D/c line at Bikaner end)						962				4-Sep-21			
52	POWERGRID KHETRI TRANSMISSION SYSTEM LIMITED	765/400		765/400 kV, 2x1500 MVA ICT along with 765 kV, 2x240 MVAR and 400 kV, 1x125 MVAR Bus reactor at Khetri Substation			NA	NA	NA	3254				10/4/2021	297/AT/2019	23.12.2019	
		765		400 kV, D/C Khetri-Sikar Transmission line		400 kV, D/C Khetri-Sikar Transmission line	Moose	2	156.2	1646				10/4/2021			
		400		400 kV line bays at Sikar (PG) for Khetri-Sikar (PG) 400 kV D/C line			NA	NA	NA	185				10/4/2021			
		765		765 kV, D/C Khetri-Jhatikara Transmission Line		765 kV, D/C Khetri-Jhatikara Transmission Line	ACSR ZEBRA	6	292.1	8755				10/4/2021			
		765		765 kV line bays at Jhatikara for Khetri-Jhatikara 765 kV D/C line			NA	NA	NA	411				10/4/2021			
		765		1x240 MVAR Switchable Line reactors for each circuit at Jhatikara end of Khetri-Jhatikara 765 kV D/C line along with reactor bays			NA	NA	NA	656				10/4/2021			
		400kV		Establishment of 4x500MVA, 400/220kV Jam Khabhaliya PS (GIS)	Sub-Station					2389							
		400kV		1x125MVAR, 420kV Bus reactor at Jam Khabhaliya PS along with reactor bay	Bus Reactor					245							

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53	JAM KHAMBALIYA TRANSCO LIMITED	400kV		Extension of Essar-Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS	Transmissi on Line	Extension of Essar-Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS	ACSR Snow Bird	Three	37.234	636				12-Apr-2022	47/AT/2020	3/24/2020	
		400kV		2 nos. of 400kV line bays at Jam Khambhaliya PS for termination of Jam Khambhaliya PS-Lakadia 400kV D/C (triple) line	Line Bays					294							
		400kV		63MVar switchable Line Reactor at both ends of Lakadia - Jam Khambhaliya 400kV D/c line along with 500 Ohms NGR on both circuits & at both ends of Lakadia - Jam Khambhaliya 400 kV D/c line	Line Reactor					473							
54	LAKADIA-BANASKANTHA TRANSMISSION LIMITED	765		Lakadia PS - Banaskantha PS 765kV D/c line	Transmissi on Line	Lakadia PS - Banaskantha PS 765kV D/c line	Zebra	Six	351	8629				01-Sep-2022	442/TL/2019	23.01.2020	
		765		765kV Bays at Lakadia and Banaskantha sub-stations for Lakadia PS - Banaskantha PS 765kV D/c line	Bays		NA	NA	NA	690							
		765		2x240MVar switchable Line reactor along with bays at Lakadia PS end of Lakadia PS - Banaskantha PS 765kV D/c line	Reactor		NA	NA	NA	709							
55	POWERGRID BHUJ TRANSMISSION LIMITED	765		765 kV D/C Bhuj PS-Bhuj II (PBT1)	Transmissi on Line	765 kV D/C Bhuj PS-Bhuj II (PBT1)	ACSR ZEBRA	6 (Hexa)	52.6	14412				02.08.2022* (* To be considered in ISTS Pool from 17.10.2022)	448/AT/2019	05.03.2020	
		765		330 MVAR 765 kV Bus Reactor along with associated 765 kV bay	Bus Reactor												
		765/400		1500 MVA, 765/400 kV ICT-2 along with associated 765 kV & 400 kV transformer bays	ICT												
		400		125 MVAR 400 kV Bus Reactor along with associated 400 kV bay	Bus Reactor												
		400/220		500 MVA, 400/220 kV ICT-2 along with associated 400 kV & 220 kV transformer bays	ICT												
		400/220		500 MVA, 400/220 kV ICT-3 along with associated 400 kV & 220 kV transformer bays	ICT												
		400/220		500 MVA, 400/220 kV ICT-1 along with associated 400 kV & 220 kV transformer bays	ICT												
		765		240 MVAR 765 kV Bhuj II - Lakadia Ckt-1 Line Reactor at Bhuj II end	Line Reactor												
		765		240 MVAR 765 kV Bhuj II - Lakadia Ckt-2 Line Reactor at Bhuj II end	Line Reactor												
		400/220		500 MVA, 400/220 kV ICT-4 along with associated 400 kV & 220 kV transformer bays	ICT												
		220		220 kV line bay-1	Bay												
		220		220 kV line bay-2	Bay												
		220		220 kV line bay-3	Bay												
		220		220 kV line bay-4	Bay												
		220		220 kV line bay-5	Bay												
		220		220 kV line bay-6	Bay												
		220		220 kV line bay-7	Bay												
		765		110 MVAR 765 kV Spare Bus Reactor	Bus Reactor												
		765		765 kV D/C Bhuj II - Lakadia Line (up to tapping point)	Transmissi on Line	765 kV D/C Bhuj II - Lakadia Line (up to tapping point)	ACSR ZEBRA	6 (Hexa)	52.7								
		765/400		1500 MVA, 765/400 kV ICT-1 along with associated 765 kV & 400 kV transformer bays	ICT					759				16.11.2022			
56	WRSS XXI (A) TRANSCO LIMITED	765		Establishment of 2x1500MVA, 765/400kV Lakadia PS with 765kV (1x330MVAR) & 420kV (1x125 MVAR) bus reactor	Sub-Station		NA	NA	NA	3354				17-10-2022	409/TL/2019	27.12.2019	
		765		LILO of Bhachau - EPGL 400kV D/c (triple) line at Lakadia PS	Transmissi on Line	LILO of Bhachau - EPGL 400kV D/c (triple) line at Lakadia PS	Zebra	Six	79	931							
		765		Bhuj PS - Lakadia PS 765kV D/c line	Transmissi on Line	Bhuj PS - Lakadia PS 765kV D/c line	Zebra	Six	215	7482							
		765		2 nos of 765kV bays at Bhuj PS for Bhuj PS - Lakadia PS 765kV D/c line	Bays		NA	NA	NA	448							
57	LAKADIA VADODARA TRANSMISSION COMPANY LIMITED	765kV		765kV D/C Lakadia Vadodara Transmission Line	Line		Hexa Zebra ACSR	36	669.53	18938				28.01.2023	444/AT/2019	05.03.2020	
		765kV		330MVar switchable line reactors at both end of Lakadia-Vadodara 765kV D/C line along with 500 OHMs NGR at Both ends of Lakadia Vadodara 765kV D/C line.	Substation					1394							
		765kV		2 Nos of 765kV bays each at Lakadia and Vadodara S/s for Lakadia Vadodara 765kV D/C line.	Substation					847							



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61	POWERGRID RAMGARH TRANSMISSION LIMITED	400/220		Establishment of 400/220 kV, 4x500 MVA at Ramgarh-II (Fatehgarh-III) PS with 420 kV (2x125 MVAR) bus reactor 400/220 kV, 500 MVA ICT- 4 400 kV ICT bays - 4 220 kV ICT bays - 4 400 kV Line bays - 4 220 kV line bays - 7 125 MVAR, 420 kV bus reactor - 2 420 kV reactor bay - 2	Substation					4641		C		00:00 HRS, 24.12.2023	90/AT/2021	5/5/2021	The said tr. System is considered as ATS of various generators, granted connectivity at Fatehgarh-III (PS). Details were attached at Format II G(1).
		400		400 kV Line Bays at Fatehgarh-II S/s -2 Nos. (for 400 kV Ramgarh-II (Fatehgarh-3)- Fatehgarh-II D/c lines)	Line Bays												
		400		400 kV Line Bays at Jaisalmer-II S/s -2 Nos. (for 400 kV Jaisalmer-II- Ramgarh-II (Fatehgarh-3) D/c lines)	Line Bays												
62	KHAVDA-BHUJ TRANSMISSION LIMITED	765kV		Establishment of 3X1500 MVA 765/400 kV Khavda (GIS) with 1X330 MVAR 765 kV bus reactor and 1X125 MVAR 420 kV bus reactor	Sub-Station					12719		C		21-Feb-2024	101/AT/2022	5/10/2022	
		765kV		Khavda PS (GIS) - Bhuj PS 765 kV D/c line	Transmissi on Line	Khavda PS (GIS) - Bhuj PS 765 kV D/c line	Al 59	Six	216.86								
		765kV		2 nos. of line bays each at Bhuj PS for termination of Khavda PS (GIS) - Bhuj PS 765 kV D/c	Bay Extension												
63	RAJGARH TRANSMISSION LIMITED	400 kV		Establishment of 400/220 kV, 3x500 MVA at Pachora SEZ PP with 420 kV (125 MVAR) bus reactor	SS					1377		C		2-Apr-24	Petition No, 170/AT/2022	08.08.2022	
		400 kV		Pachora SEZ PP -Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS) (with minimum capacity of 2100 MVA/ckt at nominal voltage) along with 80MVAR switchable line reactors	TL	Pachora SEZ PP -Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS) (with minimum capacity of 2100 MVA/ckt at nominal voltage) along with 80MVAR switchable line reactors	HTLS	Twin	287.95	3507		C		2-Apr-24	Petition No, 170/AT/2022	08.08.2022	
		400 kV		2 no. of 400 kV line bays at Bhopal (Sterlite) for Pachora SEZ PP-Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS)	Bays					167		C		2-Apr-24	Petition No, 170/AT/2022	08.08.2022	
64	POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED	400/220		Establishment of 2x500 MVA, 400/220 kV Proding Station (AIS) 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 Chittorgarh & Mandsaur lines) 220 kV line bays - (2 nos. of bays corresponding to 500 MW Connectivity / LTA granted to M/s RUMSL) 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		C		00:00 HRS, 24.04.2024	248/AT/2022	09.12.2022	
		400		Neemuch PS - Chhittorgarh (PG) s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)		Neemuch PS - Chhittorgarh (PG) s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)	AL59 Moose	Quadruple	232.4	2872					248/AT/2022	09.12.2022	
		400		2 nos. of 400 kV line bays at Chhittorgarh (PG) 400 kV s/s for Neemuch PS - Chhittorgarh (PG) s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)						262					248/AT/2022	09.12.2022	
		400		Neemuch PS- Mandsaur s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)		Neemuch PS- Mandsaur s/s 400 kV D/C line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)	AL59 Moose	Quadruple	236.418	2651					248/AT/2022	09.12.2022	
		400		2 no. of 400 kV line bays at Mandsaur 400 kV s/s for Neemuch PS- Mandsaur s/s 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage)						262					248/AT/2022	09.12.2022	
		765 kV		Fatehgarh-II PS - Bhadia-II PS 765 kV D/C line (2nd)		Fatehgarh-II PS - Bhadia-II PS 765 kV D/C line (2nd)	AL59 Zebra	6	404.46								

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
65	POWERGRID Bhadla Transmission Limited	765 kV		2 no. of 765 kV line bays each at Fatehgarh-II and Bhadla-II for Fatehgarh-II PS - Bhadla-II PS 765 kV D/C line (2nd)						8663				18.08.2024	222/AT/2022	12.11.2022	
		765 kV		1x240 MVar Switchable Line Reactor for each circuit at each end of Fatehgarh II - Bhadla- II 765kV D/C line (2nd)  240 MVar, 765 kV reactor -4 (2 reactors each at Fatehgarh-II & Bhadla-II)  Switching equipment for 765 kV reactor -4 (2 switching equipments each at Fatehgarh -II & Bhadla -II)  (1x80 MVar Spare* reactor each at Fatehgarh-II and Bhadla-II to be used as spare for Fatehgarh-II - Bhadla-II 765 kV D/C line (2nd) * not under the present scope													
66	Gadag Transmission Limited	400		Gadag PS - Narendra (New) PS 400 kV (high capacity equivalent to quad moose) D/c line (Twin HTLS Line)		Gadag PS - Narendra (New) PS 400 kV (high capacity equivalent to quad moose) D/c line (Twin HTLS Line)	ACSS Twin HTLS	2	187.018	3644				4-Sep-24	106/AT/2022	08.06.2022	Breakup of Pool & Bilateral portion already given in Format II G(1)
		400/220		400/220 kV, 2x500 MVA Gadag Pooling Station with 400 kV (1X125 MVAR) bus reactor  - 400/220 kV, 500 MVA ICT – 2 nos. - 400 kV ICT bays – 2 nos. - 220 kV ICT bays – 2 nos. - 400 kV line bays – 2 nos. - 220 kV line bays – 4 nos. - 125 MVar, 420 kV reactor – 1 no. - 420 kV reactor bay – 1 no. - 220 kV bus coupler (BC) bay -1 no. - 220 kV transfer bus coupler (TBC) bay- 1 no.			-	-	-								
		400		400 kV GIS line bays at Narendra (new) for Gadag PS- Narendra (New) PS 400 kV D/c Line  400 kV GIS line bays – 2 nos.			-	-	-								
67	POWERGRID Aligarh Sikar Transmission Limited	765kV		Sikar-II - Aligarh 765 kV D/C line		Sikar-II - Aligarh 765 kV D/C line	AL 59 ZEBRA	HEXA	513.72	11870				10.10.2024	51/AT/2022	06.05.2022	
		765kV		2 no. of 765 kV line bays at Sikar-II for Sikar-II - Aligarh (GIS) 765 kV D/C line 765 kV line bays -2*(Sikar-II S/s)													
		765kV		1x330 MVar Switchable line reactor for each circuit at each end of Sikar-II - Aligarh (GIS) 765 kV D/C line 330 MVar, 765 kV reactor-4 (2 reactors each at Sikar -II and Aligarh) Switching equipment for 765 kV reactor-4 (2 switching equipment each at Sikar -II and Aligarh) 110 MVar, 765 kV, 1 ph Reactor (spare unit) at Aligarh-I													
68	POWERGRID Sikar Transmission Limited	765/400		1) Establishment of 765/400 kV, 2x1500 MVA at Sikar – II with 400kV (1x125 MVAR) and 765 kV (2x330 MVar) bus reactor: 765/400 kV, 1500 MVA ICT – 2 765/400 kV, 500 MVA spare single-phase ICT-1 765 kV ICT bays – 2 400 kV ICT bays – 2 765 kV line bays –2 400 kV line bays- 2 125 MVar, 420 kV bus reactor-1 420 kV reactor bay –1 330 MVar, 765 kV bus reactor- 2 (6x110 MVAR) 765 kV reactor bay- 2 110 MVar, 765 kV, 1 ph Reactor (spare unit) -1 (common spare unit for banks of Bus Reactor & Line Reactor)  Future Provision Space for: 765/400kV ICT along with bays-2 765kV line bays along with switchable line reactors- 10 400kV line bays along with switchable line reactor- 6 400kV bus reactor- 2						19455				19.12.2024	49/AT/2022	04.05.2022	
		765		2) Bhadla-II PS – Sikar-II 765kV D/c line	Line	2) Bhadla-II PS – Sikar-II 765kV D/c line	AI 59 Zebra	6	618								
		765		3) 2 no. of 765 kV line bays at Bhadla- II for Bhadla-II PS – Sikar-II 765kV D/c line: 765 kV line bays –2													

S.No.	Name of the ISTS Licensee	Voltage level	Project Name	Asset name	Equipment type	Line name	Type of Conductor	No. of sub-Conductors	Line Length (kvt km)	YTC in Lakhs	Block	Order Status	Petition COD	Actual COD	Petition No.	Order date	Remarks
		765		4) 1x330 MVAR switchable line reactor for each circuit at Sikar-II end of Bhadia-II PS – Sikar-II 765kV D/c line. 330MVAR, 765 kV reactor- 2 Switching equipment for 765 kV reactor – 2													
		765		5) 1x240MVAR switchable line reactor for each circuit at Bhadia-II end of Bhadia-II PS – Sikar-II 765kV D/c line 240 MVAR, 765 kV reactor-2 Switching equipment for 765 kV reactor – 2													
		400		6) Sikar-II – Neemrana 400kV D/c line (Twin HTLS)	Line	6) Sikar-II – Neemrana 400kV D/c line (Twin HTLS)	HTLS (ACSS)	2	167								
		400		7) 2 no. of 400 kV line bays at Neemrana for Sikar-II – Neemrana 400kV D/c line (Twin HTLS)													
418270																	