



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

**Notification of Transmission charges payable by DICs for Billing Month of February, 2023**

No: TC/01/2023

Date: 25.01.2023

1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICs/ States, CTU as per the Regulations.
2. As per Regulation 24(1), all entities whose transmission elements have declared COD during the billing period shall submit to the Implementing Agency, network data, date(s) of commercial operation of the new transmission element and Yearly Transmission Charge (YTC) of such transmission element in the format stipulated by the Implementing Agency, on or before the end of the billing period.
3. As per Regulation 24(2), Implementing Agency shall publish the peak block of the billing period on the first day of the month following the billing period. Accordingly, NLDC had identified **50<sup>th</sup> time block (12:15 Hrs to 12:30 Hrs) on 30<sup>th</sup> December,2022** as a peak block for the billing period of Dec'22 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**.
4. Based on the inputs furnished by ISTS licensees, Monthly Transmission Charges (MTC) to be considered in the computations have been shared with all ISTS licensees/ deemed ISTS licensees for review and comments on 16.01.2023 with last date of submission of comments as 18.01.2023. Comment has been received from Teesta Valley Power Transmission Ltd.
5. Based on inputs furnished by DICs/ States, all India basic network has been prepared along with node wise generation and demand as per the peak block and made it available on Grid-India website on 15.01.2023 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.01.2023.
6. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.
7. Accordingly, the transmission charges are hereby notified for the billing month of February'23 mentioned as follows:
  - a) Various components of the transmission charges determined have been added for each DIC in order to compute total transmission charges payable by the DIC.

- b) The transmission charges are computed separately for both LTA/MTOA and STOA:
- For LTA/MTOA billing in ₹: These charges are calculated only for withdrawal entities (withdrawal rates) and for generators having LTA to target region without identified beneficiaries.
  - For STOA billing in paise/kWh: These rates are calculated for all the states.
- c) The notified transmission charges payable by DICs for the billing month of February'23 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of February'23 considering regional DIC wise break up of LTA/MTOA enclosed along with this notification.
- d) Transmission charges for STOA shall be payable by the generators and embedded entities located in the state as per the notified STOA rate of the state in which they are located.
- e) The notified transmission charges for STOA bilateral transactions shall be applicable for the applications received on or after 00:00 Hrs of the next day (D+1) following the date of this notification (D). In the case of STOA collective transactions, both DAM and RTM, the notified transmission charges shall be applicable from the delivery day D+2 following the date of this notification.
- f) The transmission charges payable by DICs for LTA/MTOA are given at **Annexure-III**.
- g) The transmission rates applicable for STOA transactions are given at **Annexure-IV**.
- h) Regional DIC wise break up of LTA/MTOA is given at **Annexure-V**.
- i) ISTS licensee wise break up of Monthly Transmission Charges (MTC) is given at **Annexure-VI**.
- j) Entity-wise details of bilateral billing are given separately at **Annexure-VII**.
- k) LTA details of exempted Renewable Energy (RE) based generation for the billing period of Dec'22 is given at **Annexure-VIII**.



(नीरज कुमार)

महाप्रबंधक/ रा. भा. प्रे. के

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

1. As per Regulation 24(1) of Sharing Regulations 2020, some of the ISTS Licensees have submitted YTC data by 31.12.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 03.01.2023. Chhattisgarh State Power Transmission Company Ltd. has submitted its YTC on 07.01.2023. 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 Dec'22**

<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	Parbati Koldam Transmission Company Limited
16	Bhopal Dhule Transmission Company Ltd.
17	East North Interconnection Company Limited
18	Gurgaon Palwal Transmission Limited
19	Jabalpur Transmission Company Limited

<b>Sl. No.</b>	<b>Name of ISTS Licensee</b>
20	Maheshwaram Transmission Limited
21	Khargone Transmission Company Ltd.
22	Goa Tamnar Transmission Projects Limited
23	Mumbai Urja Marg Limited
24	NRSS-XXIX Transmission Limited
25	Odisha Generation Phase-II Transmission Limited
26	Patran Transmission Company Limited
27	Purulia & Kharagpur Transmission Company Limited
28	Rapp Transmission Company Limited
29	NER-II Transmission Limited
30	Teestavalley Power Transmission Limited
31	Darbhanga-Motihari Transmission Company Limited
32	NRSS XXXI (B) Transmission Limited
33	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)
34	Kohima Mariani Transmission Limited
35	Raichur Sholapur Transmission Company Private Limited
36	Powerlinks Transmission Limited
37	Warora-Kurnool Transmission Limited
38	Powergrid Vizag Transmission Limited
39	Powergrid NM Transmission Limited
40	Powergrid Unchahar Transmission Limited
41	Powergrid Parli Transmission Limited
42	Powergrid Kala Amb Transmission Limited
43	Powergrid Southern Interconnector Transmission System Limited
44	Powergrid Jabalpur Transmission Limited
45	Powergrid Warora Transmission Limited

Sl. No.	Name of ISTS Licensee
46	Powergrid Medinipur Jeerat Transmission Limited
47	Powergrid Mithilanchal Transmission Limited
48	Powergrid Ajmer Phagi Transmission Limited
49	Powergrid Varanasi Transmissoin System Limited
50	Powergrid Fatehgarh Transmission Limited
51	Powergrid Khetri Transmission System Ltd.
52	Powergrid Bhuj Transmission Limited
53	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
54	Power Transmission Corporation Of Uttarakhand Ltd
55	Chhattisgarh State Power Transmission Company Ltd
56	Haryana Vidyut Prasaran Nigam Limited

2. As per Sharing Regulations 2020 and NLDC notified Procedure for collection of data and information, CTU shall submit all required data and information as stipulated in Formats II(A) to II(G) within 7 days after the end of the billing period i.e. by 07.01.2023. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 04.01.2023. CTU has submitted data in formats II(A), II(B), II(E), II(F), II-(G1) on 06.01.2023 and format II(C) on 09.01.2023. Subsequently CTU has submitted data in formats II(D), II-(G2) to II-(G5) on 12.01.2023. Further, CTU submitted revised data in format II-(G1) on 16.01.2023.

3. As per Regulation 24(4) and NLDC notified Procedure for collection of data and information, DICs shall submit the required information to the Implementing Agency as stipulated in Formats III and IV for the billing period within 7 days after end of the billing period. The list of the DICs that have submitted the data by 07.01.2023 is as mentioned below:

S.NO.	WR	SR	NR	NER	ER	Others
1	Chattisgarh	Andhra Pradesh	Uttar Pradesh	Assam	Odisha	NHPC
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	Vallur(NTECL)	Punjab	Tripura		
7	Hazira	Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6)	BBMB	Palatana GBPP (OTPC)		

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

31	Sasan UMPP					
32	SKS Power					
33	SSP					
34	TAPS (3,4)					
35	TRN Energy					
36	TAPS (1,2)					
37	Naranpar Ostro					
38	ACME RUMS					
39	Mahindra Renewables Pvt. Ltd.					
40	ARINSUM					
41	Bhuvad Renew					
42	Vadwa Green Infra					
43	Roha Green infra					
44	Dayapar Inox					
45	Ratadiya AGEMPL					
46	Alfanar wind					
47	Renew AP2 Gadhsisa					
48	Avikiran					
49	Powerica					
50	SESPL Morjar					
51	SKRPL					
52	SBESS					

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

**a) Modeling of the Basic Network**

- A. The All India network was modeled with the help of network data and node wise generation and demand data furnished by DICs. Wherever network data has not been provided by DICs, network data already available at RLDCs/NLDC has been considered. Wherever technical parameters were not furnished, standard parameters as per CEA Manual on Transmission Planning Criteria have been used.
- B. Certain Transmission Lines included in the basic network were partly owned by ISTS Licensee and partly by STUs. There were cases where the existing lines originally owned by one utility have been made LILO by other utility. In cases where the line originally owned by ISTS Licensee has been made LILO by STU, the Monthly Transmission Charge for the entire line has been considered (including the section owned by STU). In cases where the line originally owned by STU has been made LILO by ISTS Licensee, the Monthly Transmission Charge for the entire line has not been considered.
- C. All India basic network up to 66/ 33 kV level and at some nodes even till 0.4 kV level has been prepared. As per the Sharing Regulations 2020, basic network means power system at voltage levels of 110 kV and above, containing all power system elements including generating station and transmission systems.
- D. In line with Sharing Regulations 2020, all India basic network has been truncated to 110 kV level. Power flow into lower voltage system has been considered as load at the substation at truncated point. Power flow from a lower voltage system has been considered as generation at the substation at truncated point.
- E. To account for the transmission losses of the truncated lower voltage network and to ensure state drawal as per SEM data corresponding to peak block, minor adjustments in states generation has been done.
- F. Interstate generating Stations (ISGS) connected at 220kV and below voltage level are created as separate control areas.
- G. Power flow on HVDC Raigarh-Pugalur has been adjusted to avoid loop flows in the network.
- H. 400 kV Singrauli considered as slack bus.

**b) Load Generation balance for the basic network**

- A. Node wise generation and demand data for the peak block as submitted by DICs has been considered to prepare Load Generation balance.
- B. Wherever aggregate generation and demand data submitted by DICs, the generation and demand data has been distributed across the nodes of the DICs as per the node wise distribution of the TTC/ATC base case applicable for Dec'22.
- C. Wherever node wise generation and demand data has not been provided by DICs, SEM data/ SCADA data available with NLDC/RLDCs has been considered. In the absence of SEM/ SCADA data, the node wise generation and demand data as available from TTC/ ATC base case / recently submitted base case of states has been considered.

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

- A. The data as submitted by the ISTS Licensees has been examined by NLDC and suitably considered for computation of transmission charges for DICs for the billing period Dec'22. For the ISTS licensees who have not submitted YTC data for Dec'22, the YTC data recently available with reference to the previous computations have been considered.



- B. While checking the YTC of the licensees who have not submitted data, the recently available CERC orders are referred to consider the recently available approved YTC for FY 2018-19 in case for 2019-20 or 2020-21 is not available.
- C. All ISTS transmission assets commissioned by the end of Dec'22 as furnished by ISTS licensees have been considered in the computations.
- D. Yearly Transmission Charges (YTC) based on approved/ adopted tariff by CERC has only been considered in line with Sharing Regulations 2020. RPC certified non-ISTS lines as ISTS lines have not been considered in the computations.
- E. The assets of State Utilities whose approved Tariff by the Commission is not available as on 31.03.2019 are not being considered in the computations since 2019-20 Q3 in line with Terms & Conditions of Tariff Regulations. The same is continued in this computation.
- F. As per minutes of Validation Committee meeting held for 2020-21 Q2 PoC computations, for the assets of Essar Power transmission limited, combined tariff of LILO of 400kV Vindhyachal-Korba at Mahan, GIS S/s at Hazira and 400kV Hazira-Gandhar line) was being excluded from PoC computations in the absence of exclusive tariff of LILO of 400kV Vindhyachal-Korba at Mahan since 2020-21 Q2. As per CERC Order dated 04.06.2021 in I.A. No. 32/2021 in Petition No. 92/MP/2021, Exclusive tariff of 400kV Hazira-Gandhar Line and GIS S/s at Hazira has been approved and same has been considered for billing period Dec'22.
- G. As per Regulation (13) clauses (3), (6), (9), the YTC of assets claimed by licensees have been examined to find out whether the YTC to be completely or partly billed to generators. Accordingly, transmission charges have been computed for DICs in line with the Regulations.
- H. All ISTS assets corresponding to the bilateral payments on the basis of information furnished by ISTS licensees and the worked out bilateral payments in line with Regulation (13) have been considered while preparing final transmission charges for DICs.
- I. The components of Yearly Transmission Charges such as National Component for RE (NC-RE), National Component for HVDC (NC-HVDC), Regional Component (RC) and Transformers Component (TC) have been worked out on the basis of the inputs furnished by CTU.
- J. Indicative cost level of different conductor configuration was provided by CTU and is as follows:

Sl. No.	Voltage level (kV)	Type of conductor configuration	Indicative cost (Rs.Lakh/km)
1	± 800	HVDC	348
2	± 500	HVDC	170
3	765	D/C	484
4	765	S/C	221
5	400	S/C	93
6	400	M/C TWIN	432
7	400	D/C Quad Moose	282
8	400	D/C Twin HTLS	199
9	400	D/C Twin Moose	163

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

- K. The indicative cost levels provided by CTU are for only selected configurations and voltage level. Hence, for the conductor configurations which are not mentioned in the above list, following assumptions have been made:
- The indicative cost level of 765 kV lines (Quad Bersimis) charged at 400 kV has been considered to be same as cost of one circuit of 400 kV Quad Moose D/C.
  - The indicative cost level of 400 kV Quad Bersimis D/C has been considered to be same as 400 kV Quad Moose D/C.
  - The indicative cost level of 765 kV Hexa zebra has been considered to be same as 765 kV Quad Bersimis.
  - The indicative cost levels of 400 kV ACKC, ACAR, AAAC, Moose, Zebra and Lapwing have been considered to be same as 400 kV Twin Moose depending on the no. of circuits.
  - 400 kV lines (Twin Moose) charged at 220 kV are charged as per the rate of 220 kV D/C lines.
- L. Circuit Kms of RE lines considered as National component has been considered as zero.
- M. Circuit Kms of the assets covered under Regulation (13) clauses (3), (6), (9), have been pro-rata adjusted with respect to YTC considered for bilateral payment wherever YTC are to be partly included in the computations.

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

- The usage part of AC system charges has been computed by running AC load flow and determining the utilization of the lines with respect to SIL of the lines. For SIL of lines at various voltage levels, annexure-II to Regulations has been followed.
- AC Usage Base Charges (AC-UBC) thus determined has been used for apportionment through hybrid method and computed total aggregated nodal charges in ₹ for each drawee DIC and injecting DICs having untied LTA.

**Transmission Charges for Designated ISTS Customers (DICs) for the billing month of February,2023**

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
1	Delhi	NR	4690	254088399	798904603	104121934	120631838	245585157	56095194		1579427125
2	UP	NR	9381	720625912	1598077623	208278852	241304207	491252825	138940582	2863721	3401343723
3	Punjab	NR	4040	398371321	688275600	89703560	103927241	211577541	111163409		1603018671
4	Haryana	NR	3677	385806628	626332682	81630485	94574074	192536142	185929251		1566809261
5	Chandigarh	NR	275	26407154	46892650	6111560	7080628	14414911	3203196		104110099
6	Rajasthan	NR	4207	444975733	716748649	93414477	108226573	220330223	93231315	2148852	1679075822
7	HP	NR	1683	124259027	286751877	37372622	43298544	88148202	24947419	51489105	656266797
8	J&K	NR	3413	323458439	581367976	75770196	87784558	178713885	55404477		1302499531
9	Uttarakhand	NR	1228	170214178	209261185	27273193	31597717	64327381	30233785	2624468	535531907
10	GMR Kamalanga	NR	75	8779841	12776985	1665236	1929281	3927675			29079018
11	WBSEDCL_Inj	NR	600	0	102215882	13321885	15434245	31421403			162393416
12	Jorhang	NR	86.4	0	14719087	1918351	2222531	4524682			23384652
13	Tashiding	NR	87.3	487423	14872411	1938334	2245683	4571814			24115665
14	MB Power	NR	25.0	8970403	4258995	555079	643094	1309225			15736796
15	Northern Railways	NR							2800754		2800754
16	North Central Railways	NR							2082900		2082900
17	RAPP 7&8, NPCIL	NR								33406195	33406195
18	Adani Renewable Energy Park Rajasthan Limited	NR								3025804	3025804
19	ACME Solar Holdings Pvt. Ltd	NR								1954752	1954752
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4564996	4564996

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
21	THDC India Ltd.	NR								42015277	42015277
22	Gujarat	WR	9437	734779058	1607625078	209523180	242745839	124754191	52104883	10769388	2982301616
23	Madhya Pradesh	WR	7871	1101493090	1340980630	174771176	202483448	104062170	126046613		3049837127
24	Maharashtra	WR	7111	1292593526	1211415457	157884834	182919554	94007712	80584232		3019405315
25	Chhattisgarh	WR	2892	93841945	492646215	64207011	74387879	38230108	23032343		786345501
26	Goa	WR	513	50830208	87352675	11384750	13189953	6778703	10592365	1254778	181383432
27	DNHDDPDCL	WR	1464	178066491	249414878	32506459	37660786	19354980	27166061		544169655
28	ACB Ltd	WR	48	7609179	8177271	1065751	1234740	634569			18721509
29	Torrent Power	WR	200	0	34071961	4440628	5144748	2644037			46301374
30	Sembcorp Energy India Ltd Project-I	WR	115	8464035	19591377	2553361	2958230	1520321			35087325
31	TRN Energy Pvt. Ltd.	WR	3.0	455378	511079	66609	77171	39661			1149899
32	CSPTCL	WR	261	0	44463909	5795020	6713897	3450468			60423294
33	WBSEDCL_Inj	WR	400	0	68143921	8881257	10289497	5288074			92602749
34	GMR Warora Energy Ltd, Maharashtra	WR	45	3550459	7596344	990038	1147022	589488			13873350
35	DB Power	WR	34	6696043	5826305	759347	879752	452130			14613578
36	MB Power	WR								9110005	9110005
37	Adani Power Limited	WR								285612071	285612071
38	Essar Steel	WR							8805858		8805858
39	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665
40	Andhra Pradesh	SR	1668	476899566	284081820	37024632	42895375	84684925	35559464		961145781
41	Telangana	SR	3802	619613907	647784724	84426349	97813258	193104934	35565151		1678308322

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
42	Tamil Nadu	SR	8488	534339685	1445957310	188452878	218334564	431040560	94701954		2912826951
43	Kerala	SR	2790	197363432	475387495	61957667	71781871	141713238	51939269		1000142973
44	Karnataka	SR	5131	490711665	874163290	113930465	131995640	260588492	101978195	2795011	1976162758
45	Pondicherry	SR	515	18606469	87807079	11443973	13258566	26175332	12854861		170146280
46	Goa-SR	SR	93	4310184	15850300	2065783	2393341	4724982			29344591
47	Sembcorp Energy India Ltd Project-I	SR	55	4048017	9369789	1221173	1414806	2793139		113512	18960435
48	Sembcorp Energy India Ltd Project-II	SR	388	24719835	66099604	8614819	9980812	19704323		7007360	136126754
49	BHAVINI	SR								17015773	17015773
50	Betam	SR								483770	483770
51	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471
52	Warora Kurnool Transmission Limited (WKTL)	SR								19382814	19382814
53	West Bengal	ER	2409	89144478	410443482	53493457	61975549	64804902	46962884	1149633	727974385
54	Odisha	ER	1766	73408497	300839613	39208689	45425743	47499552	71026853		577408948
55	Bihar	ER	6003	172325465	1022611936	133277906	154410874	161460149	175049604		1819135934
56	Jharkhand	ER	780	38967109	132937405	17325848	20073089	20989480	51065945	9869089	291227966
57	Sikkim	ER	97	6338256	16501250	2150622	2491632	2605382	2688795		32775936
58	DVC	ER	640	44370719	109109347	14220316	16475135	17227270	9385005		210787792
59	Bangladesh	ER	782	9872509	133295343	17372498	20127137	21045995			201713483
60	NTPC, North Karanpura STPP, Jharkhand	ER								13053973	13053973

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
61	Arunachal Pradesh	NER	288	25758866	49022758	6389179	7402267	8731114	11516081		108820266
62	Assam	NER	1628	107294359	277385397	36151881	41884238	49403249	21425890	1016063	534561076
63	Manipur	NER	206	11230457	35021114	4564332	5288067	6237375	3271887		65613233
64	Meghalaya	NER	269	36706369	45781356	5966724	6912827	8153810	392447		103913532
65	Mizoram	NER	137	5525468	23327455	3040288	3522365	4154696	1070544		40640816
66	Nagaland	NER	194	5737170	33092648	4312994	4996876	5893909	22775579		76809177
67	Tripura	NER	302	2292855	51501682	6712259	7776576	9172618	23697326		101153317
<b>TOTAL</b>			<b>102293.18</b>	<b>9344409208</b>	<b>17426645503</b>	<b>2271229921</b>	<b>2631363338</b>	<b>3746357104</b>	<b>1805292370</b>	<b>586610545</b>	<b>37811907988</b>

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

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

Sl.No.	Name of Generating Station	State	Capacity	LTA granted	Commissioned capacity	Date of Commercial Operation	Date of LTA Operationalization	Delayed Capacity	Transmission Charges (₹)	Remarks
1	Ostro Kutch Wind Private Ltd	Gujarat		300	50	11 MW: 13.11.2021; 11MW: 04.12.2021, 13.2MW: 30.03.2022 11MW: 10.05.2022; 3.8MW:06.12.2022	50MW: 14.04.19	0	19300	Charges corresponding to 3.8MW computed for 5 days
2	ReNew Power Limited	Gujarat		300	230.1	126MW:18.05.19 58.5MW: 01.10.19 27.6MW: 02.09.20 18MW: 07.02.2021	300MW: 01.05.19	69.9	2201101	
3	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1574464	
4	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	11623650	
5	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	222157	
6	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	92736	
7	SJVN Ltd. (Naitwar Mori HEP)	Uttarakhand		60			60MW: 30.09.2022	60	2603044	
8	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	724576	
9	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1133614	
10	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		40	38	18MW: 15.04.2022; 10MW: 07.10.2021; 10MW: 13.08.2021.	40MW: 22.10.2022	2	62979	
11	Adani Wind Energy Kutchh Five Limited	Gujarat		130			130MW: 22.10.2022	130	4093607	
12	NTPC solar generation project at Tuticorin-II	Tamil Nadu		162.27	162.27	162.27MW: 10.12.2022	162.27 MW: 09.12.2022	0	179640	Charges corresponding to 162.27MW computed for 1 day

**Transmission Charges for Short Term Open Access (STOA)**

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	46.78
2	UP	NR	50.32
3	Punjab	NR	55.11
4	Haryana	NR	59.19
5	Chandigarh	NR	52.53
6	Rajasthan	NR	55.36
7	HP	NR	49.90
8	J&K	NR	53.01
9	Uttarakhand	NR	60.26
10	Gujarat	WR	43.74
11	Madhya Pradesh	WR	53.81
12	Maharashtra	WR	58.97
13	Chhattisgarh	WR	37.77
14	Goa	WR	48.79
15	Daman and Diu and Dadra and Nagar Haveli	WR	51.62
16	Andhra Pradesh	SR	80.05
17	Telangana	SR	61.30
18	Tamil Nadu	SR	47.66
19	Kerala	SR	49.78
20	Karnataka	SR	53.41
21	Pondicherry	SR	45.85
22	Goa-SR	SR	43.81
23	West Bengal	ER	41.90
24	Odisha	ER	45.41
25	Bihar	ER	42.09
26	Jharkhand	ER	50.08
27	Sikkim	ER	47.00
28	DVC	ER	45.71
29	Bangladesh	ER	35.81
30	Arunachal Pradesh	NER	52.52
31	Assam	NER	45.51
32	Manipur	NER	44.33
33	Meghalaya	NER	53.71
34	Mizoram	NER	41.22
35	Nagaland	NER	54.92
36	Tripura	NER	46.47



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

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
1	UP	NR	8811.85	
2	Delhi	NR	4674.51	
3	Haryana	NR	3618.23	
4	Uttarakhand	NR	1228.35	
5	Punjab	NR	4005.13	
6	Rajasthan	NR	4167.16	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	3412.59	
9	Chandigarh	NR	275.26	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	393.94	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	39.16	Rajasthan
15	Railways_Punjab	NR	35.00	Punjab
16	PG-Rihand	NR	0.74	Uttar Pradesh
17	PG-Dadri	NR	0.76	Uttar Pradesh
18	PG-Agra	NR	2.36	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	25.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Jorthang	NR	86.40	
26	Tashiding	NR	87.30	
27	Gujarat	WR	9393.77	
28	Madhya Pradesh	WR	7538.77	
29	Chhattisgarh	WR	2886.74	
30	Maharashtra	WR	6978.74	
31	GOA	WR	512.75	
32	D&D and DNH	WR	1464.05	
33	HVDC Bhadravathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
39	Railways_MP	WR	332.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	Railways_Gujarat	WR	30.00	Gujarat
42	ACB Ltd.	WR	48.00	
43	JINDAL	WR	0.00	
44	Torrent Power	WR	200.00	
45	DB Power	WR	34.20	
46	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
47	CSPTCL	WR	261.00	
48	TRN Energy Pvt. Ltd.	WR	3.00	
49	Sembcorp Energy India Ltd	WR	115.00	
50	WBSEDCL	WR	400.00	
51	BIHAR	ER	5901.75	
52	JHARKHAND	ER	708.33	
53	DVC	ER	330.46	
54	ORISSA	ER	1765.91	
55	WEST BENGAL	ER	2407.87	
56	SIKKIM	ER	96.86	
57	Bangladesh	ER	782.43	
58	TATA Steel Ltd.	ER	200.00	DVC
59	Railways_Bihar	ER	100.00	Bihar
60	Railways_DVC	ER	110.00	DVC
61	Railways_Jharkhand	ER	72.00	Jharkhand
62	HVDC Alipurduar	ER	1.41	West Bengal
63	POWERGRID PUSAULI	ER	0.91	Bihar
64	Andhra Pradesh	SR	1665.06	
65	Karnataka	SR	5119.78	
66	KSEB	SR	2789.45	
67	Tamil Nadu	SR	8471.21	
68	Telangana	SR	3802.45	
69	Puducherry	SR	515.42	
70	Goa	SR	93.04	
71	SAIL, Salem	SR	13.65	Tamil Nadu
72	Railways_Karnataka	SR	10.00	Karnataka
73	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
74	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
75	PG-HVDC Kolar	SR	1.50	Karnataka
76	PG-HVDC Pugalur	SR	2.81	Tamil Nadu

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
77	PG-HVDC Thrissur	SR	1.04	Kerala
78	Sembcorp Energy India Ltd Project-I	SR	55.00	
79	Sembcorp Energy India Ltd Project-II	SR	388.00	
80	Arunachal Pradesh	NER	287.76	
81	Assam	NER	1621.87	
82	Manipur	NER	205.57	
83	Meghalaya	NER	268.73	
84	Mizoram	NER	136.93	
85	Nagaland	NER	194.25	
86	Tripura	NER	302.31	
87	PG-HVDC BNC	NER	1.37	Assam
88	Railway_Assam	NER	5.00	Assam
<b>TOTAL</b>			<b>102293.177</b>	

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

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

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Dec'22 (₹ Cr)	Equivalent MTC to be considered for Dec'22 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	34921.68	34921.68	2965.95	As per data furnished by ISTS Licensee for Dec'22. MTC of the assets listed under Regulation 13(3) shall be partly settled through the bilateral payments from respective entities as detailed in the transmission charges bill. PowerGrid assets for bilateral payments as mentioned in format I-C are also included in this total YTC claimed.
2	Adani Transmission (India) Limited	618.87	618.87	52.56	As per data furnished by ISTS Licensee for Dec'22
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	14.01	As per data furnished by ISTS Licensee for Dec'22
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.66	As per data furnished by ISTS Licensee for Dec'22
5	Sipat Transmission Limited.	94.92	94.92	8.06	As per data furnished by ISTS Licensee for Dec'22
6	Western Transmission Gujarat Limited	53.00	53.00	4.50	As per data furnished by ISTS Licensee for Dec'22
7	Western Transco Power Limited	97.41	97.41	8.27	As per data furnished by ISTS Licensee for Dec'22
8	Alipurduar Transmission Limited	153.02	153.02	13.00	As per data furnished by ISTS Licensee for Dec'22
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	4.08	As per data furnished by ISTS Licensee for Dec'22
10	North Karanpura Transco Limited	39.01	39.01	3.31	As per data furnished by ISTS Licensee for Dec'22
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.95	As per data furnished by ISTS Licensee for Dec'22
12	Jam Khambaliya Transco Limited	40.36	40.36	3.43	As per data furnished by ISTS Licensee for Dec'22. As informed by Jam Khambaliya Transco Ltd., YTC of "1x500 MVA, 400/220 ICT at CGPL Mundra switchyard" is not to be considered for Dec'22 billing period.
13	Lakadia-Banaskantha Transmission Limited	100.28	100.28	8.52	As per data furnished by ISTS Licensee for Dec'22
14	WRSS XXI (A) Transco Limited	122.16	122.16	10.38	As per data furnished by ISTS Licensee for Dec'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Dec'22 (₹ Cr)	Equivalent MTC to be considered for Dec'22 (₹ Cr)	Remarks
15	Aravali Power Company Private Limited	10.42	10.42	0.88	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
16	Essar Power Transmission Company Limited	405.68	405.68	34.45	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
17	Jindal Power Limited	19.12	19.12	1.62	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
18	Kudgi Transmission Limited	196.29	196.29	16.67	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
19	Parbati Koldam Transmission Company Limited	171.37	171.37	14.55	As per data furnished by ISTS Licensee for Dec'22
20	Bhopal Dhule Transmission Company Ltd.	260.78	260.78	22.15	As per data furnished by ISTS Licensee for Dec'22
21	East North Interconnection Company Limited	144.96	144.96	12.31	As per data furnished by ISTS Licensee for Dec'22
22	Gurgaon Palwal Transmission Limited	140.98	140.98	11.97	As per data furnished by ISTS Licensee for Dec'22
23	Jabalpur Transmission Company Limited	147.10	147.10	12.49	As per data furnished by ISTS Licensee for Dec'22
24	Maheshwaram Transmission Limited	56.02	56.02	4.76	As per data furnished by ISTS Licensee for Dec'22
25	Khargone Transmission Company Ltd.	182.18	182.18	15.47	As per data furnished by ISTS Licensee for Dec'22
26	Goa Tamnar Transmission Projects Limited	42.66	42.66	3.62	As per data furnished by ISTS Licensee for Dec'22
27	Mumbai Urja Marg Limited	29.09	29.09	2.47	As per data furnished by ISTS Licensee for Dec'22
28	NRSS-XXIX Transmission Limited	503.14	503.14	42.73	As per data furnished by ISTS Licensee for Dec'22
29	Odisha Generation Phase-II Transmission Limited	155.42	155.42	13.20	As per data furnished by ISTS Licensee for Dec'22
30	Patran Transmission Company Limited	30.75	30.75	2.61	As per data furnished by ISTS Licensee for Dec'22
31	Purulia & Kharagpur Transmission Company Limited	72.47	72.47	6.15	As per data furnished by ISTS Licensee for Dec'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Dec'22 (₹ Cr)	Equivalent MTC to be considered for Dec'22 (₹ Cr)	Remarks
32	Rapp Transmission Company Limited	44.05	44.05	3.74	As per data furnished by ISTS Licensee for Dec'22
33	NER-II Transmission Limited	412.53	412.53	35.04	As per data furnished by ISTS Licensee for Dec'22
34	Teestavalley Power Transmission Limited	257.15	257.15	21.84	As per data furnished by ISTS Licensee for Dec'22
35	Torrent Power Grid Limited	39.40	39.40	3.35	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
36	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.44	As per data furnished by ISTS Licensee for Dec'22
37	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.33	As per data furnished by ISTS Licensee for Dec'22
38	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)	132.57	132.57	11.26	As per data furnished by ISTS Licensee for Dec'22
39	Kohima Mariani Transmission Limited	237.50	237.50	20.17	As per data furnished by ISTS Licensee for Dec'22
40	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Dec'22
41	Damodar Valley Corporation	109.09	109.09	9.26	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
42	Powerlinks Transmission Limited	137.17	137.17	11.65	As per data furnished by ISTS Licensee for Dec'22
43	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
44	Warora-Kurnool Transmission Limited	6.21	6.21	0.53	As per data furnished by ISTS Licensee for Dec'22
45	Powergrid Vizag Transmission Limited	234.67	234.67	19.93	As per data furnished by ISTS Licensee for Dec'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Dec'22 (₹ Cr)	Equivalent MTC to be considered for Dec'22 (₹ Cr)	Remarks
46	Powergrid NM Transmission Limited	111.49	111.49	9.47	As per data furnished by ISTS Licensee for Dec'22
47	Powergrid Unchahar Transmission Limited	19.76	19.76	1.68	As per data furnished by ISTS Licensee for Dec'22
48	Powergrid Parli Transmission Limited	326.22	326.22	27.71	As per data furnished by ISTS Licensee for Dec'22
49	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.83	As per data furnished by ISTS Licensee for Dec'22. Bilateral payment of HPSEB is also included in the claimed YTC
50	Powergrid Southern Interconnector Transmission System Limited	462.10	462.10	39.25	As per data furnished by ISTS Licensee for Dec'22
51	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.78	As per data furnished by ISTS Licensee for Dec'22
52	Powergrid Warora Transmission Limited	364.20	364.20	30.93	As per data furnished by ISTS Licensee for Dec'22
53	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	49.23	As per data furnished by ISTS Licensee for Dec'22
54	Powergrid Mithilanchal Transmission Limited	170.00	170.00	14.44	As per data furnished by ISTS Licensee for Dec'22
55	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.40	As per data furnished by ISTS Licensee for Dec'22
56	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.93	As per data furnished by ISTS Licensee for Dec'22
57	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.33	As per data furnished by ISTS Licensee for Dec'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Dec'22 (₹ Cr)	Equivalent MTC to be considered for Dec'22 (₹ Cr)	Remarks
58	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.76	As per data furnished by ISTS Licensee for Dec'22
59	Powergrid Bhuj Transmission Limited	106.57	106.57	9.05	As per data furnished by ISTS Licensee for Dec'22
60	North East Transmission Company Limited	260.21	260.21	22.10	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
61	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	476.83	81.99	6.96	As per data furnished by ISTS Licensee for Dec'22
62	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	1.06	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
63	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Dec'22. CERC Tariff Order dated 12.06.2019 has been considered
64	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Dec'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.
65	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.69	As per data furnished by ISTS Licensee for Dec'22. CERC Tariff Order dated 09.11.2021, 25.11.2021 and 13.06.2021 have been considered.
66	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.54	Data not furnished by ISTS Licensee for Dec'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. RPC certified non-ISTS as ISTS has not been considered in line with clause 13 (13) of Sharing Regulations,2020
67	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Dec'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
68	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	Data not furnished for Dec'22. Considered the same as in the earlier billing period.
69	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.22	Data not furnished for Dec'22. Considered the same as in the earlier billing period.



S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Dec'22 (₹ Cr)	Equivalent MTC to be considered for Dec'22 (₹ Cr)	Remarks
70	Odisha Power Transmission Corporation Limited	9.80	9.67	0.82	Data not furnished by ISTS Licensee for Dec'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. Filing and Publication fee of ₹ 13.67 Lacs as claimed by the licensee is not considered. The same may be claimed in Bill-2 or Bill-3 as applicable.
71	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
72	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
73	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
74	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
75	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
76	Haryana Vidyut Prasaran Nigam Limited	0.34	0.34	0.03	As per data furnished by ISTS Licensee for Dec'22
77	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
78	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
79	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Dec'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

TOTAL MTC considered for the billing period Dec'22 from the claimed assets of ISTS licensees (₹ Crores)

**3781.19**

**Entity-wise details of bilateral billing for Billing period Dec'22**

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
1	02 Nos of 132 kV line bays at Daltonganj Substation	Powergrid	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	832668	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
2	04 Nos. 220 KV Bays at Daltonganj Sub-station;	Powergrid					
3	220 kV, 2 nos. Line bays at Hamirpur Sub-station	Powergrid	Himachal Pradesh Power Transmission Corporation Limited (HPPTCL)	NR	1314230	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
4	02 Nos. 220 KV Line Bays (HPSEB Future Bays)	Powergrid	Himachal Pradesh State Electricity Board (HPSEB)	NR	50174875	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
5	GIS substation 7X105 MVA (1-ph), 400/220 kV at Kala Amb (Himachal Pradesh) and LILO of Karcham Wangtoo - Abdullapur 400 kV D/C	Powergrid					As per Regulation 13(12) of Sharing Regulations 2020
6	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Powergrid	Rajasthan DISCOMs	NR	1000068	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
7	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Powergrid	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL)	NR	1148784	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
8	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	33406195		As per Regulation 13(3) of Sharing Regulations 2020
9	One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation	Powergrid	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	2863721	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
10	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation						
11	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station						
12	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Powergrid	Betam	SR	483770		As per Regulation 13(3) of Sharing Regulations 2020
13	Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line, Asset 3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	Powergrid	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	17015773		As per Regulation 13(3) of Sharing Regulations 2020
14	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Powergrid	Karnataka DISCOMs	SR	840822	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
15	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Powergrid	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	1954189	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
16	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-I	SR	113512		As per Regulation 13(9) of Sharing Regulations 2020
17	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	285612071		--
18	2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa- (Colvale) (Powergrid)-Tuem 220 kV D/C line)	Powergrid	Goa Electricity Department (GED), Goa	WR	1254778	Goa	As per Regulation 13(12) of Sharing Regulations 2020
19	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 Kv line bays at Banaskanta (PG) under Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR	10769388	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
20	Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS- Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR		Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
21	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	Powergrid	MB Power	WR	9110005		As per Regulation 13(9) of Sharing Regulations 2020
22	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	Powergrid	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1276471		As per Regulation 13(3) of Sharing Regulations 2020
23	LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL)	NER-II Transmission Ltd	Assam Electricity Grid Corporation Limited (AEGCL)	NER	1016063	Assam	As per Regulation 13(12) of Sharing Regulations 2020
24	04 Nos. 220 kV bays at Dehradun Sub-station	Powergrid	Power Transmission Corporation Of Uttarakhand Limited	NR	2624468	Uttrakhand	As per Regulation 13(12) of Sharing Regulations 2020
25	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	7007360		As per Regulation 13(9) of Sharing Regulations 2020
26	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	North karanpura Transco Ltd.	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	9036420	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
27	Mahan Bilaspur Line	Essar Power Transmission Company Ltd.	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	62607665		As per CERC order dated 14.03.2020 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2020
28	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	1879017		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
29	Establishment of 400 kV Pooling Station at Fatehgarh	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	1146788		As per Regulation 13(3) of Sharing Regulations 2020
30	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		ACME Solar Holdings Pvt. Ltd	NR	1954752		As per Regulation 13(3) of Sharing Regulations 2020
31	2 Nos. 400 kV line bays at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
32	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay			NR			As per Regulation 13(3) of Sharing Regulations 2020
33	Space for future 220kV (12 Nos) Line Bays			NR			As per Regulation 13(3) of Sharing Regulations 2020
34	Space for future 400kV (8 Nos) Line Bays alongwith line reactors at at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
35	Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.			NR			As per Regulation 13(3) of Sharing Regulations 2020
36	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.			NR			As per Regulation 13(3) of Sharing Regulations 2020
37	400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation;	Powergrid	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR	4564996		As per Regulation 13(3) of Sharing Regulations 2020
38	500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation,			NR			As per Regulation 13(3) of Sharing Regulations 2020
39	500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation			NR			As per Regulation 13(3) of Sharing Regulations 2020
40	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	42015277		As per Regulation 13(3) of Sharing Regulations 2020
41	765/400 kV 800 MVA ICTI along with associated bays at Koteshwar (Tehri Pooling Station) under Transmission System associated with Tehri Pump Storage Plant (PSP)			NR			As per Regulation 13(3) of Sharing Regulations 2020
42	400 kV S/C Tehri (Generation)-Tehri (Koteshwar) (Quad) line along with associated bays at both ends under Transmission system associated with Tehri Pump Storage Plant (PSP)			NR			As per Regulation 13(3) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
43	02 Nos. of 220 kV equipped line bays at 400 kV Subhasgram Sub-station	Powergrid	West Bengal State Electricity Transmission Company Limited	ER	1149633	West Bengal	As per Regulation 13(12) of Sharing Regulations 2020
44	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	13053973		As per Regulation 13(3) of Sharing Regulations 2020
45	04 Nos. Line Bays (GIS) at (Hyderabad) Maheshwaram 765/400 kV SS, 02 Nos Line Bays at Warangal 400/220 kV SS and Balance items (PLCC, Telecom equipment and Line Terminal equipment such as LA, CVT & Wave Trap) at Kurnool 765/400 kV SS	Powergrid	Warora Kurnool Transmission Limited (WKTL)	SR	19382814		As per Regulation 13(12) of Sharing Regulations 2020

**TOTAL**

**586610545**

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

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)										Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
1	Rewa Ultra Mega Solar Power Development	WR	750	750	MP-651 MW, DMRC-99 MW	-	-	-	-	-	-	-	-	-	0	490MW:07.07.18; 260 MW: 13.04.19	750	No billing for Feb'23 billing month.	Rewa	
2	Ostro Kutch Wind Private Limited	WR	300	300	GRIDCO-50 MW, Jharkhand-50 MW, Bihar-50 MW, UPPCL-150MW	50	-	-	-	-	-	-	-	-	50	126MW: 24.08.18; 50MW: 02.11.18; 50MW: 29.12.18; 24MW: 30.03.19; 50MW: 14.04.19	300	Included in Format II G (3). COD of 3.8 MW: 06.12.2022	Bhachau	
3	Inox Green Energy Services Ltd. (Formerly Inox Wind Infrastructure Services Ltd. (IWISL-Dayapar)) (Deemed)	WR	300	300	50MW: BSES 100MW: UPPCL 150MW: HPPC	-	-	-	-	-	-	-	-	-	0	300MW: 14.04.2019	30	Bills are being raised for mismatch period. 10MW COD w.e.f 04.09.2021 10MW COD w.e.f 23.03.2022 10MW COD w.e.f.13.05.2022.	Bhuj PS	
	Wind One Renergy Ltd	WR	50	50	50MW: UPPCL											50MW: 14.04.2019	50	No billing for Feb'23 billing month.		
	Wind Two Renergy Pvt Ltd	WR	50	50	50MW: UPPCL											50MW: 14.04.2019	50	No billing for Feb'23 billing month.		
	Wind Three Renergy Ltd	WR	50	50	50MW: Jharkhand Bikli Vitran Nigam Ltd											50MW: 14.04.2019	50	No billing for Feb'23 billing month.		
	Wind Five Renergy Ltd	WR	50	50	50MW: Bihar (NBPDC & SBPDCL)											50MW: 14.04.2019	50	No billing for Feb'23 billing month.		
4	ReNew Power Limited	WR	300	300	UP - 100 MW, PSPCL - 100 MW, GRIDCO - 50 MW, GOA - 50 MW	-	-	-	-	-	-	-	-	-	0	300MW: 01.05.19	230.1	Included in Format II G (3)		
5	ReNew Power Limited	WR	50	50	UHBVN & DHBVN - 50MW											50MW: 23.11.19	0	Included in Format II G (3)		
6	Green Infra Wind Energy Ltd.	WR	250	250	Assam (APDCL) - 50 MW, GRIDCO Ltd.-100 MW, Jharkhand (JBVNL)- 100 MW	-	-	-	-	-	-	-	-	-	0	151.2MW:14.04.19; 98.8 MW: 04.11.19	250	No billing for Feb'23 billing month. Billing for prior mismatch period corresponding to 98.8 MW will be raised upon receipt of approved CERC tariff order for ATS.		
7	Green Infra Wind Energy Ltd.	WR	300	300	PSPCL -200 MW, Bihar DISCOMs: 100 MW (NBPDC & SBPDCL)	-	-	-	-	-	-	-	-	-	0	300 MW: 04.11.19	300	No billing for Feb'23 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS.		
8	Adani Green Energy MP Ltd. (AGEMPL Dayapar)	WR	100	100	UPPCL - 40 MW, NPCL - 10 MW, PSPCL - 50 MW	-	-	-	-	-	-	-	-	-	0	100 MW: 04.11.19	100	No billing for Feb'23 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS.		
9	SEI Sunshine	WR	180	180	TPDDL-180 MW	-	-	-	-	-	-	-	-	-	0	90 MW:18.11.19; 90 MW: 01.04.20	180	No Billing for Feb'23 billing month		
10	Alfanar Energy Pvt. Limited	WR	300	300	BRPL -150 MW, BYPL -50 MW, TPDDL - 50 MW, Bihar - 50 MW	-	-	-	-	-	-	-	-	-	0	100MW: 31.01.20; 50MW: 15.02.20; 50MW: 28.02.20; 36MW: 06.10.20; 36MW: 20.10.20; 28MW: 10.02.21	300	No billing for Feb'23 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Already included in Format II G(2).		

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)						Effective date of LTA/MTOA operartionlization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
11	ReNew Wind Energy (AP2) Private Limited (2 separate LTA grants, 1 to Haryana & 2nd to GRIDCO)	WR	262.5	262.5	Haryana	-	-	-	-	-	0	50 MW: 25.02.20; 100 MW: 20.09.20; 20: 03.12.20; 40: 10.12.20; 43.75: 20.12.20 4.375: 27.01.21 4.375: 19.02.21	262.5	No billing for Feb'23 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Included in Format II G(2).	Bhuj	
			37.5	37.5	GRIDCO								30: 10.12.2020 6.25: 20.12.2020 0.625: 27.01.21 0.625: 19.02.21	37.5	LTA operaionalized on existing margin. No billing for Feb'23 billing month. Included in Format II G(2).	
12	Mytrah Energy (India) Pvt Ltd (GEC-I Corridor)	SR	250	250	UPPCL -100 MW, Jharkhand -50 MW, Bihar - 50 MW, Assam - 50 MW	-	-	-	-	-	0	75MW: 10.06.18; 50MW: 30.09.18; 125MW: 01.12.18;	250	No billing for Feb'23 billing month.		
13	AP Solar Power Corporation Pvt Ltd (NP Kunta)	SR	1500	1500	Andhra Pradesh-1500MW	-	-	-	-	-	0	250MW: 11.07.16; 750MW: 04.08.18; 500MW: 01.10.18;	1400	Included in Format II G (1)		
14	Karnataka Solar Power development Corporation Ltd	SR	2050	2050	Karnataka-1850 MW, UPPCL-200 MW	-	-	-	-	-	0	600MW: 12.07.18; 400MW: 28.09.18; 200MW: 30.12.19; 850 MW: 03.05.20	2050	No billing for Feb'23 billing month.		
15	Green Infra Renewable Energy Ltd.	SR	249.9	249.9	UPPCL -99.9 MW, Jharkhand -50 MW, Bihar - 50 MW, BRPL - 50 MW	-	-	-	-	-	0	249.9 MW: 10.10.18	249.9	No delay. Hence, no billing.		
16	Orange Sironj Power Pvt. Ltd.	SR	200	200	Bihar - 100 MW, Haryana - 100 MW	-	-	-	-	-	0	200 MW: 22.02.19	200	No billing for Feb'23 billing month.		
17	Betam Wind Energy Private Limited	SR	250.2	250.2	Bihar - 50.2 MW, Odisha- 100 MW, UPPCL -100 MW	-	-	-	-	-	0	250.2 MW: 31.07.19	218.2	LTA was granted on existing margins. However, CERC in tariff petition 172/TT/2018 has linked the LTA to 2X500MVA, 400/230kV ICTS at Tirunelveli Pool (Tuticorin-II). Therefore, Betam is not included in FORMAT II-G(3).		
18	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL-500 MW	-	-	-	-	-	0	500 MW: 27.10.19	500	No billing for Feb'23 billing month.	Bhadla	Claen Solar Power (Bhadla) Pvt. Ltd. : 300MW SB Energy Four Pvt. Ltd.: 200MW
19	Adani Reneable Energy Park Rajasthan Ltd.	NR	250	250	UPPCL-250 MW	-	-	-	-	-	0	250 MW: 27.10.19	250	No delay. Hence, no billing.	Bhadla	Azure Power India Pvt. Ltd.: 200MW ReNew Solar Power Pvt.
20	NTPC Ltd. (Auraiya Solar)	NR	20	20	UPPCL-20MW							15MW: 25.10.2020 5MW: 30.11.2020	20	No billing for Feb'23 billing month.	Auraiya	
21	Sprng Renewable Energy Pvt Limited	SR	300	300	UP-300 MW	-	-	-	-	-		300 MW: 30.11.19	300	No billing for Feb'23 billing month.		
22	Adani Wind Energy Kutchh Three Limited	WR	250	250	Chandigarh Administration, UT, Chandigarh 40MW Uttar Pradesh Power Corporation Ltd 85MW Kerala State Electricity Board Ltd 75MW GRIDCO LTD. 50MW							115 MW: 05.02.2021 30.5 MW: 15.03.2021 43.8 MW: 08.04.2021 28.5 MW: 05.05.2021 32.2 MW: 09.05.2021	250	No Billing for Feb'23 billing month. Included in Format II G(2).	Bhuj	
23	Continuum Power Trading (TN) Pvt. Ltd	WR	50	50	MPPMCL							15.02.2021	50	32MW RE Capacity commissioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for Feb'23 billing month. Included in Format II G(2).	Bhuj	

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)										Effective date of LTA/MTOA operartionlization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
24	Avikiran Solar India Private Ltd.. (AS IPL)	WR	285	285	MSEDCL-100MW MPPMCL-185MW											09.05.2021	165.9	LTA made effective vide letter dated 07.05.2021 upon commissioning of identified transmission system (Bhuj ICT Augmentation scheme) but generation is delayed. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. COD of 16.8 MW: 24.02.2022; 25.2MW: 04.03.2022; 35.7MW: 06.03.2022; 21MW:11.03.2022; 12.60MW: 19.04.22; 14.70MW: 22.04.22; 25.20MW:16.06.2022; 14.7MW: 19.08.2022	Bhuj	
25	Essel Saurya Urja Company of Rajasthan Ltd.	NR	750	750	PSPCL-300MW NBPDC-207MW SBPDCL-243MW											01.06.2021	300	Included in Format II G (1).	Bhadla	SB Energy Six Pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW
26	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL											01.07.2021	75	MTOA was operational upto 30-Jun-2021. Now. The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2).	Bhuj	
27	Adani Renewable Energy Park Rajasthan Ltd.	NR	1000	996	TSSPDCL-208.82MW TSNPDC-87.18MW AEML-700MW											01.08.2021	296.00	LTA made effective vide CTU letter dated 31.07.2021 but generation is delayed.  1000MW is on Target (NR) till 11.08.2021. After 11.08.2021, 704MW is on Target (NR) and 296MW is on Firm (SR). After 21.12.2021, 4MW is on Target, 700 MW Firm (WR) and 296 MW Firm (SR). No document submitted for balance generation.  COD of 49.92 MW: 30.12.21 & COD of 74.88MW: 05.02.2022, 74.88MW: 05.03.2022, 47.52MW: 19.06.2022, 48.8MW: 05.08.2022	Fatehgarh	NTPC Ltd.:296MW Adani Hybrid Energy Jaisalmer Four Ltd.: 700MW
28	Gujarat Power Corporation Limited	WR	700	600	GUVNL:600MW WR TARGET:100MW											12.08.2021	500	Included in Format II G (1). 15MW: 17.11.2022	Radhanesda	
29	Azure Power India Pvt. Ltd.	NR	130	130	MSEDCL											01.09.2021	130	No Billing for Feb'23 billing month	Bhadla	Azure Power Thirty Four Pvt. Ltd.
30	Tata Power Renewable Energy Ltd.	NR	150	150	MSEDCL											01.09.2021	150	No Billing for Feb'23 billing month	Bhadla	Tata Power Renewable Energy Ltd.
31	Azure Power India Pvt. Ltd.	NR	300	300	GRIDCO: 200MW BRPL: 100MW											01.09.2021	300	LTA was made effective vide CTU letter dated 26.08.2021. 50MW w.e.f. 13.10.2021, 50MW COD w.e.f 02.11.2021 and 50MW COD w.e.f 30.11.2021, 50MW COD w.e.f. 27.12.2021, 50MW COD w.e.f. 31.01.2022, 50MW: 07.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Forty One Pvt. Ltd.
32	Azure Power India Pvt. Ltd.	NR	200	200	MPPMCL											01.09.2021	200	COD of 53MW: 14.02.2022, COD of 147MW: 30.03.2022  Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
33	Azure Power India Pvt. Ltd.	NR	50	50	MPPMCL											01.09.2021	50	COD of 50MW: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.



S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)					Effective date of LTA/MTOA operartionization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
34	Renew Power Pvt Ltd	SR	300	300	SBPDCL: 162 MW NBPDC: 138 MW						63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21 35.7 MW: 27.07.22 125.7 MW: 02.11.22 <b>Total : 300 MW</b>	199.5	Part LTA of 174.3 MW was operationalized based on the margins available in the existing transmission network. Further, balance LTA of 125.7 MW operationalized on commissioning of 400/220kV, 1X500 MVA 3rd ICT at Hiriyyur. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.  63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21 37.8MW: 27.07.22 14.7 MW: 03.08.22 10.5 MW: 10.09.2022	Hiriyyur	
35	SBSR Power Cleantech Eleven Pvt. Ltd.	NR	300	300	TPDDL-200MW BYPL-100MW						20.11.2021	150	50MW: 15.08.2021; 50MW: 04.04.2022; 50MW: 11.04.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bikaner	SBSR Power Cleantech Eleven Pvt. Ltd.
36	Azure Power India Pvt. Ltd.	NR	300	300	HPPC-100MW JBVNL-200MW						100MW: 25.09.2021 200MW: 20.11.2021	300	LTA Application: 1200001655. 100MW LTA operationalized on part system and was earlier included in Format II G (2). Balance LTA operationalized vide CTU letter dated 18.11.2021. 300MW Commissioned. No billing for Feb'23 billing month.	Bikaner	Azure Power Forty Three Pvt. Ltd.
37	Avaada Energy Pvt. Ltd.	NR	100 MW out of 350MW	350.0	MSEDCL-350MW						100MW: 03.11.2021	100.0	100MW COD w.e.f. 03.11.2021	Bikaner	Avaada Sunce Energy Pvt. Ltd.
38	Ayana Renewable Power One Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW						300MW: 23.12.2021	300.0	300MW COD: 22.12.2021	Bikaner	Ayana Renewable Power One Pvt. Ltd.
39	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW						50MW:07.01.2022	50.0	Additional 50MW 50MW COD w.e.f. 07.01.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
40	Avaada Energy Pvt. Ltd.	NR	100 MW out of 300MW	300.0	TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW						100MW:18.01.2022	100.0	100MW COD w.e.f. 14.01.2022	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
41	Adani Renewable Energy (Rajasthan) Ltd.	NR	200.0	200.0	MSEDCL-200MW						200MW; 05.01.2022	200.0	200MW COD w.e.f. 21.08.2019	Bhadla	Adani Renewable Energy (Rajasthan) Ltd.
42	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW						50MW:04.02.2022	50.0	Additional 50MW 50MW COD w.e.f. 04.02.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
43	Avaada Energy Pvt. Ltd.	NR	150 MW out of 350MW	-	MSEDCL-350MW						150MW:25.02.2022	150.0	Additional 50MW 50MW COD w.e.f. 25.02.2022. 50MW: 17.03.2022; 50MW: 08.04.2022. No Billing for Feb'23 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW						40MW:08.02.2022	40.0	40MW COD w.e.f. 08.02.2022	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
45	Avaada Energy Pvt. Ltd. (MTOA)	NR	240.0	240.0	UHBVNL & DHBVNL, Haryana						240 MW: 01.02.2022	240.00	112.95 MW COD w.e.f. 26.12.2021 ; 12.80 MW COD w.e.f 01.02.2022; 19.2MW: 16.03.2022; 6.4MW: 07.04.2022; 88.65MW:11.05.2022	Bikaner	Avaada RJHN Pvt. Ltd.
46	Masaya Solar Energy Private Ltd	WR	300.0	300.0	TSSPDCL: 91.715MW TSNPDC: 38.285MW TANGEDCO: 170MW						300MW: 25.03.2022	0.00	Included in Format II G (3)	Khandwa (PG)	
47	GRT Jewellers (India) Pvt Ltd	SR	150	150	SBPDCL: 81 MW NBPDC: 69 MW						150 MW: 23.03.2022	150	Entire LTA of 150 MW was operationalized vide CTU letter dated 21.03.2022. 50 MW: 30.03.2022 (COD) 50 MW: 13.04.2022 (COD)		
48	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL: 300MW						02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Raisar Solar Energy Pvt Ltd
49	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL:100MW BYPL:100MW TPDDL:100MW						02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Phalodi Solar Energy Pvt Ltd

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)				Effective date of LTA/MTOA operartionlization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
50	ACME Solar Holdings Pvt. Ltd.	NR	300	300	HPPC (NR)					02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Deoghar Solar Energy Pvt Ltd
51	ACME Solar Holdings Pvt. Ltd.	NR	200 out of 300	300	HPPC: 100MW NBPDC: 69MW SBPDCL: 81MW Puduchery: 50MW					02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Dhaultpur Solar Energy Pvt Ltd
52	Avaada Energy Pvt. Ltd.	NR	160 out of 300	-	TSSPDCL-98.77 TSNPDCL-41.23MW, TANGEDCO-160MW					60MW: 13.04.2022 100MW: 23.04.2022	160	10MW COD w.e.f. 08.02.2022, 50MW COD w.e.f. 13.04.2022, 100MW: 11.05.2022. Included in Format II G (3)	Bikaner	Avaada Sustainble RProject Pvt. Ltd.
53	NTPC LTD. (Auraiya Floating Solar)	NR	20	20	UPPCL:20MW					11.04.2022	20	20MW: 16.09.2022	Auraiya GPS	NTPC Ltd.
54	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	WR	39.5	39.5	TSSPDCL					14.11MW:27.05.2022 10.58MW:31.05.2022 14.81MW:24.06.2022	39.5	COD of 14.11 MW; 14.05.22; 10.58MW: 15.06.22; 14.81MW:15.08.22 Included in Format II G (3)	56MW Solar Power Plant within the premises of NTPC Kawas, Gujarat	
55	Northern Power Distribution Company of Telangana Limited (TSNPDCL)	WR	16.5	16.5	TSNPDCL					5.89MW:27.05.2022 4.42MW:31.05.2022 6.19MW:24.06.2022	16.5	COD of 5.89MW; 14.05.2022;4.42MW: 15.06.22; 6.19MW:15.08.22. Included in Format II G (3)	56MW Solar Power Plant within the premises of NTPC Kawas, Gujarat	
56	POWERICA Ltd.	WR	50.6	50.6	UPPCL					24.3MW: 07.05.2022 26.3MW: 20.08.2022	50.6	Bilateral billing onbehalf of Jamkhamabliya Transco Limited is being done as per RTA. COD of 24.3MW: 03.06.2022; 26.3MW COD: 19.08.2022	Jam khambhaliya PS	
57	SBESS Services Projectcto Two Pvt Ltd	WR	324.4	324.4	UPPCL					26.05.2022	324.4	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. 251.1MW COD: 11.09.2022 73.3MW COD: 18.09.2022	Indore S/s	
58	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	WR	14.11	14.11	TSSPDCL					09.05.2022	7.055	7.055MW: 23.08.2022; Included in Format II G (3)	20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat	
59	Northern Power Distribution Company of Telangana Limited (TSNPDCL)	WR	5.89	5.89	TSNPDCL					09.05.2022	2.945	2.945MW: 23.08.2022; Included in Format II G (3)	20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat	
60	ACME Solar Holdings Pvt. Ltd.	NR	100 out of 300	-	HPPC: 100MW NBPDC: 69MW SBPDCL: 81MW Puduchery: 50MW					11.05.2022	0	Included in Format II G (1).	Fatehgarh	ACME Dhaultpur Solar Energy Pvt Ltd
61	Adani Renewable Energy Holding One Ltd.	NR	390	390	HPPC-390MW					11.05.2022	390	50MW:17.08.21; 52.19MW: 12.04.22; 92.81MW:27.05.22; 50MW: 14.08.21; 143.64MW: 27.05.22; 1.36MW: 28.05.22; Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. Commissioning certifiacte submitted. Applicant is requested to submit COD certificate.	Fatehgarh-II PS	Adani Green Energy Eighteen Ltd.
62	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW					11.05.2022	300.0	150MW: 02.09.2021, 50MW: 27.09.2021, 50MW: 05.10.2021, 50MW: 09.12.2021	Fatehgarh-II PS	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.
63	ReNew Solar Urja Pvt. Ltd.	NR	300.0	300.0	TSSPDCL: 91.715MW TSNPDCL: 38.285MW TANGEDCO: 170MW					11.05.2022	300.0	150MW: 02.12.2021, 50MW: 07.12.2021, 50MW: 13.12.2021, 50MW: 16.12.2021	Fatehgarh-II PS	ReNew Solar Urja Pvt. Ltd.
64	Mahindra Susten Pvt. Ltd.	NR	250.0	250.0	HPPC-250MW					29.06.2022	250.0	175MW: 20.05.2022, 75MW: 17.06.2022. No delay. Hence, no billing.	Bhadla-II PS	Mega Surya Urja Pvt. Ltd.

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65	Sitac Kabini Renewables Private Limited	WR	300 out of 300	300.0	BSES Rajdhani Power Limited-100MW BSES Yamuna Power Limited-100MW Electricity Deptt of Puducherry-100MW					51.3MW: 06.08.2022 32.4MW: 09.08.2022 18.9MW: 11.08.2022 13.5MW: 18.08.2022 32.4MW: 23.08.2022 10.8MW: 01.09.2022 13.5MW: 05.09.2022 35.1MW: 20.09.2022 10.8MW: 22.09.2022 10.8MW: 11.10.2022 13.5MW: 21.11.2022 13.5MW: 06.12.2022 43.5MW: 08.12.2022	256.5	94.5MW COD: 11.08.2022 21.6MW COD: 19.08.2022 18.9MW COD: 24.08.2022 13.5MW COD: 25.08.2022. 10.8MW COD: 02.09.2022 13.5MW COD: 06.09.2022 35.1MW COD: 21.09.2022 10.8MW COD: 24.09.2022 10.8MW COD: 11.10.2022 13.5MW COD: 22.11.2022 13.5MW COD: 06.12.2022	Bhuj-II PS	
66	Srijan Energy Systems Pvt Ltd (1200002522)	WR	49.5 out of 49.5	49.5	Electricity Deptt, Goa					22.5MW: 05.08.2022 4.5MW: 08.09.2022 22.5MW: 08.12.2022	27.0	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. Included in Format II-G(3) (22.5MW)	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
67	Srijan Energy Systems Pvt Ltd (1200003244)	WR	30.6 out of 49.5	49.5	NBPDC (11.25MW), Bihar SBPDCL (11.25MW), Bihar (upto 14.03.2046), for balance period upto 01.03.2047- ER target (22.5MW)					22.5MW: 05.08.2022 4.5MW: 08.09.2022 3.6MW: 09.12.2022	27.0	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
68	Srijan Energy Systems Pvt Ltd (1200003245)	WR	30.6 out of 49.5	49.5	BRPL(22.5MW), Delhi (upto-14.03.2047), for balance period upto-01.03.2047 - NR target (22.5MW)					22.5MW: 05.08.2022 4.5MW: 08.09.2022 3.6MW: 09.12.2022	27.0	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
69	Rajasthan Solar Park Development Company Ltd. (Nokh Solar Park)	NR	925.0	0.0	NA					01.08.2022	0.0	Granted on Target (NR) Basis. Yet to be commissioned. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla-II PS	NTPC Ltd.
70	Azure Power India Pvt. Ltd.	NR	300.0	300.0	GRIDCO-300MW					25.09.2021	300.0	150MW: 15.12.20, 100MW: 31.01.21, 50MW: 09.02.21 Also included in Format II G (2)	Bikaner	Azure Power Forty Three Pvt Ltd
71	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.	NR	300.0	300.0	NBPDC & SBPDCL					250MW: 25.09.2021, 50MW: 14.11.2021	300.0	150MW: 13.08.21, 50MW: 17.08.21, 50MW: 06.09.21, 50MW: 05.10.21 Also included in Format II G (2)	Fatehgarh-II PS	Renew Sun Waves Private Limited
72	Eden Renewable Cite Pvt. Ltd.	NR	300.0	300.0	BRPL-250MW, BYPL-50MW					250MW: 25.09.2021, 50MW: 14.11.2021	300.0	300MW: 13.08.21 Also included in Format II G (2)	Fatehgarh-II PS	Applicant
73	ACME Solar Holdings Pvt. Ltd.	NR	250.0	250.0	MSEDCL-250MW					29.10.2021	250.0	100MW: 20.10.2019, 130MW: 26.10.2019, 20MW: 01.01.2020 Also included in Format II G (2)	Bhadla	ACME Chhitorgarh Solar Energy Pvt Ltd
74	Mahindra Susten Pvt. Ltd.	NR	250.0	250.0	CSPDCL-250MW					29.10.2021	250.0	100MW: 14.05.21, 60MW: 08.06.21, 50MW: 24.07.21, 40MW: 17.08.21 Also included in Format II G (2)	Bhadla	Mahindra Renewables Pvt Ltd
75	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.	NR	300.0	300.0	MSEDCL-300MW					19.11.2021	300.0	300MW: 15.11.21 Also included in Format II G (2)	Fatehgarh-II PS	Renew Sun Bright Private Limited
76	Adani Renewable Energy holding One Ltd.	NR	50.0	50.0	BYPL-50MW					20.11.2021	50.0	50MW: 17.04.20 Also included in Format II G (2)	Bhadla	Kilaj Solar (Maharashtra) Pvt. Ltd.
77	ACME Solar Holdings Pvt. Ltd.	NR	300.0	300.0	MSEDCL-300MW					-	300.0	LTA yet to be operationalized, however, 300MW capacity commissioned and waiver documents submitted. 50MW: 31.03.2022, 50MW: 15.04.2022, 100MW: 03.05.2022, 100MW: 25.05.2022	Bhadla-II PS	ACME Heergarh Powertech Pvt. Ltd.
78	Adani Hybrid Energy Jaislamer Two Ltd.	NR	300.0	300.0	PSPCL-300MW					29.09.2022	300.0	Commissioning Certificate submitted. Applicant is requested to submit COD certificate. 50.56MW: 10.11.2021, 63.84MW: 19.04.2022, 52.4MW: 19.05.2022, 96MW: 15.07.2022, 37.2MW: 28.09.2022	Fatehgarh-II PS	Adani Hybrid Energy Jaislamer Two Ltd.

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79	Adani Hybrid Energy Jaislamer Three Ltd.	NR	300.0	300.0	PSPCL-200MW, IPCL-100MW											29.09.2022	300.0	Commissioning Certificate submitted. Applicant is requested to submit COD certificate. 50.62MW: 28.10.2021, 50.35MW: 09.04.2022, 68.8MW: 27.05.2022, 130.23MW: 28.09.2022	Fatehgarh-II PS	Adani Hybrid Energy Jaislamer Three Ltd.
80	Netra Wind Pvt Ltd (1200001819)	WR	300.0	0.0	NR Target											22.10.2022	0.0	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS	Bhuj PS	
81	Continuum Power Trading (TN) Pvt. Ltd (1200003018)	WR	36.0	36.0	MPPMCL: 36MW											22.10.2022	0.0	Included in Format II G (3)	Bhuj PS	
82	Continuum Power Trading (TN) Pvt. Ltd (1200003097)	WR	40.0	40.0	MPPMCL:40MW											22.10.2022	38.0	18MW COD w.e.f 15.04.2022; 10MW: 07.10.2021; 10MW: 13.08.2021.Included in Format II G (3)	Bhuj PS	
83	Adani Wind Energy Kutchh Five Limited (1200003017)	WR	130.0	130.0	UPPCL: 130MW											22.10.2022	0.0	Included in Format II G (3)	Bhuj PS	
84	Apraava Energy Private Limited (1200002953)	WR	250.8	250.7	CSPDCL: 170.7MW Puducherry: 80.01MW SR Target:0.09MW											22.10.2022	0.0		Jam khambhaliya PS	
85	Azure Power India Pvt. Ltd.	NR	50.0	50.0	MPPMCL-50MW											06.10.2022	7.0	7MW COD: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
86	Hero Solar Energy Pvt. Ltd.	NR	250.0	250.0	JBVNL-250MW											06.10.2022	250.0	115MW COD: 14.03.2022, 135MW: 21.04.2022	Bhadla	Clean Solar Power (Jodhpur) Pvt. Ltd.
87	NTPC Ltd. (Rihand Solar)	NR	20.0	20.0	UPPCL-20MW											12.10.2022	0.0	Included in Format II G (3)	Rihand	NTPC Ltd.
88	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	SR	162.27	162.27	TSSPDCL											162.27 MW: 09.12.2022	162.27	LTA of 162.27 MW from NTPC solar generation project at Tuticorin-II was operationalized w.e.f. 09.12.2022 vide CTU letter dated 07.12.2022 on the existing margins.Included in Format II G (3)  162.27 MW: 10.12.2022 (COD)	Tuticorin-II	
89	Northern Power Distribution Company of Telangana Limited (TSNPDCL)	SR	67.73	67.73	TSNPDCL											54.73 MW: 15.12.2022	54.73	Part LTA of 54.73 MW out of total LTA of 67.73 from NTPC solar generation project at Tuticorin-II was operationalized w.e.f. 15.12.2022 vide CTU letter dated 13.12.2022 on the existing margins. Balance LTA of 13 MW will be operationalized with the commissioning of 400/230kV, 1x500 MVA 4th ICT at Tuticorin-II.  67.73 MW: 15.12.2022 (COD)	Tuticorin-II	
90	Torrent Power Limited (1200003754)	WR	115.00	115.00	HPPC											115MW: 16.12.2022	0.00	-	Jam khambhaliya PS	
91	Adani Renewable Energy Holding Nineteen Ltd.	NR	450.00	450.00	CSPDCL-400MW, HPPC-50MW											04.12.2022	450.00	450MW: 04.12.2022.	Fatehgarh-II PS	
	<b>Total</b>		<b>23442.6</b>	<b>22607.3</b>													<b>18235.1</b>			

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

\*Waiver Documents not submitted to CTU