

# पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(भारत सरकार का उपक्रम)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A Government of India Enterprise)

राष्ट्रीय भार प्रेषण केन्द्र National Load Despatch Centre



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

No: TC/09/2022

Date: 25.09.2022

1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICs/ States, CTU as per the Regulations.
2. As per Regulation 24(1), all entities whose transmission elements have declared COD during the billing period shall submit to the Implementing Agency, network data, date(s) of commercial operation of the new transmission element and Yearly Transmission Charge (YTC) of such transmission element in the format stipulated by the Implementing Agency, on or before the end of the billing period.
3. As per Regulation 24(2), Implementing Agency shall publish the peak block of the billing period on the first day of the month following the billing period. Accordingly, NLDC had identified **91<sup>st</sup> time block (22:30 Hrs to 22:45 Hrs) on 30<sup>th</sup> August, 2022** as a peak block for the billing period of Aug'22 and published the information of peak block on POSOCO website. Details of the inputs from entities have been received as per the stipulated timelines is enclosed as **Annexure-I**.
4. 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 13.09.2022 with last date of submission of comments as 16.09.2022. Comments have 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 POSOCO website on 15.09.2022 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.09.2022.
6. MTOA of 150MW from MB Power (MP) Ltd, Madhya Pradesh to TENGEDCO (granted to PTC) was operationalized w.e.f. 01.06.2022. However, RLDC was requested to stop the scheduling of MTOA as per the directions of Hon'ble Madras High Court vide order dated 01.06.2022 till further directions in this matter.

Subsequently, Hon'ble Supreme Court vide order dated 29.08.2022 has set aside the interim order dated 01.06.2022 & 04.07.2022 of Hon'ble Madras High Court. In view of the order passed by Hon'ble Supreme Court, interim order dated 01.06.2022 & 04.07.2022 stand vacated. Accordingly, CTU vide letter dated 30.08.2022 has requested RLDC to resume the scheduling of power under PTC MTOA with immediate effect.

In view of the above, Implementing Agency has requested CTU to confirm the effective date for this MTOA of 150MW. CTU vide email dated 13.09.2022 has communicated that the effective date for this MTOA of 150MW will be 01.06.2022. Accordingly, MTOA of 150MW from MB Power (MP) Ltd, Madhya Pradesh to TENGEDCO has been considered for complete billing period August, 2022.

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



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**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 31.08.2022. Chhattisgarh State Power Transmission Company Limited, Teestavalley Power Transmission Limited, Torrent Power Grid, Darbhanga-Motihari Transmission Co. Ltd. and NRSS XXXI (B) Transmission Ltd. have submitted YTC on 01.09.2022. Sterlite Power has submitted YTC of its SPV's on 02.09.2022. PowerGrid has submitted its YTC and YTC of its SPV's on 05.09.2022. Further, PowerGrid submitted its revised YTC on 07.09.22. Power Transmission Corporation of Uttarakhand Ltd. has submitted YTC on 16.09.2022. The list of ISTS licensees that have submitted YTC data is mentioned as below.

**List of ISTS Licensees submitted the YTC data for the billing period Aug'22**

Sl. No.	Name of ISTS Licensee
1	Powergrid Corporation Of India Ltd.
2	Essar Power Transmission Company Limited
3	Kudgi Transmission Limited
4	Parbati Koldam Transmission Company Limited
5	Bhopal Dhule Transmission Company Ltd.
6	East North Interconnection Company Limited
7	Gurgaon Palwal Transmission Limited
8	Jabalpur Transmission Company Limited
9	Maheshwaram Transmission Limited
10	Khargone Transmission Company Ltd.
11	Goa Tamnar Transmission Projects Limited
12	Mumbai Urja Marg Limited
13	NRSS-XXIX Transmission Limited
14	Odisha Generation Phase-II Transmission Limited
15	Patran Transmission Company Limited
16	Purulia & Kharagpur Transmission Company Limited
17	Rapp Transmission Company Limited
18	NER-II Transmission Limited
19	Teestavalley Power Transmission Limited

<b>Sl. No.</b>	<b>Name of ISTS Licensee</b>
20	Torrent Power Grid Limited
21	Darbhanga-Motihari Transmission Company Limited
22	NRSS XXXI (B) Transmission Limited
23	Kohima Mariani Transmission Limited
24	Raichur Sholapur Transmission Company Private Limited
25	Damodar Valley Corporation
26	Powerlinks Transmission Limited
27	Powergrid Vizag Transmission Limited
28	Powergrid NM Transmission Limited
29	Powergrid Unchahar Transmission Limited
30	Powergrid Parli Transmission Limited
31	Powergrid Kala Amb Transmission Limited
32	Powergrid Southern Interconnector Transmission System Limited
33	Powergrid Jabalpur Transmission Limited
34	Powergrid Warora Transmission Limited
35	Powergrid Medinipur Jeerat Transmission Limited
36	Powergrid Mithilanchal Transmission Limited
37	Powergrid Ajmer Phagi Transmission Limited
38	Powergrid Varanasi Transmissoin System Limited
39	Powergrid Fatehgarh Transmission Limited
40	Powergrid Khetri Transmission System Ltd.
41	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
42	Madhya Pradesh Power Transmision Co. Ltd.
43	Power Transmission Corporation Of Uttarakhand Ltd.
44	Chhattisgarh State Power Transmission Company Ltd.
45	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 07.09.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 06.09.2022. CTU has submitted data in formats II(A), II(B), II(C), II(D), II(E), II(F) & II-(G1) to II-(G5) on 07.09.2022.

3. As per Regulation 24(4) and NLDC notified Procedure for collection of data and information, DICs shall submit the required information to the Implementing Agency as stipulated in Formats III and IV for the billing period within 7 days after end of the billing period. The list of the DICs that have submitted the data by 07.09.2022 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	Vallur(NTECL)	Punjab	Tripura		
7	DNH	Sprng Agnitra	BBMB	Palatana GBPP (OTPC)		
8	Hazira	Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6)	ReNew Solar Power Private Limited			
9	ACBIL	Fortum Solar India Private Limited. (Pavagada Solar Park)				
10	Spectrum Power	PVG Renew-TN2				
11	Maruti Coal Power	PVG ADYAH				
12	BALCO	PVG AMPLUS Tumkur and PVG AMPLUS Pavagada				
13	CGPL	PVG Azure Earth				
14	DB Power Ltd.	Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park)				

15	DGEN	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)				
16	Dhariwal	PVG Parampujya				
17	GMR Warora	PVG SBG PAVAGADA				
18	Raipur Energen					
19	Jindal Stg-1					
20	JPL Stg-2					
21	Jhabua Power					
22	JP Nigrie					
23	KAPS 1&2					
24	Raigarh Energy					
25	KSK Mahanadi					
26	LANCO					
27	MB Power					
28	Essar Mahan					
29	NSPCL Bhilai					
30	Ratnagiri Dabhol					
31	RKM Power					
32	Sasan UMPP					
33	SKS Power					
34	SSP					
35	TAPS (3,4)					
36	TRN Energy					
37	TAPS (1,2)					
38	Naranpar Ostro					
39	ACME RUMS					
40	Mahindra Renewables Pvt. Ltd.					

41	ARINSUM					
42	Bhuvad Renew					
43	Vadwa Green Infra					
44	Roha Green infra					
45	Dayapar Inox					
46	Ratadiya AGEMPL					
47	Alfanar wind					
48	Renew AP2 Gadhsisa					
49	Avikiran					
50	Powerica					
51	SESPL Morjar					
52	SKRPL					

**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 Aug'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 Aug'22. For the ISTS licensees who have not submitted YTC data for Aug'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 Aug'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 Aug'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 October,2022

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
1	Delhi	NR	4170	380038299	746468746	80213339	93517213	213587235	55540734		1569365565
2	UP	NR	9585	1089611308	1715699825	184364065	214941974	490913495	141347497	3671419	3840549583
3	Punjab	NR	5439	399510235	973603556	104620579	121972542	278577358	104809966	935605	1984029842
4	Haryana	NR	4302	683811574	770083300	82750890	96475632	220344071	185718510		2039183976
5	Chandigarh	NR	352	12670199	63052880	6775477	7899232	18041332	3122402		111561522
6	Rajasthan	NR	4178	528538519	747896873	80366802	93696128	213995865	92988935	2148852	1759631973
7	HP	NR	1683	22859629	301301601	32376985	37746906	86211480	24806031	51489105	556791738
8	J&K	NR	2304	48649168	412343747	44309248	51658208	117983989	55404477		730348837
9	Uttarakhand	NR	1304	84655844	233495994	25090794	29252256	66810250	30233785	2624468	472163391
10	GMR Kamalanga	NR	75	3810225	13425287	1442642	1681913	3841380			24201445
11	WBSEDCL_Inj	NR	600	0	107402292	11541135	13455303	30731037			163129767
12	MB Power	NR	23	7544354	4178873	449049	523527	1195702			13891505
13	Jorthang	NR	86.4	10342566	15465930	1661923	1937564	4425269			33833253
14	Tashiding	NR	87.3	11542667	15627034	1679235	1957747	4471366			35278048
15	Northern Railways	NR							2523524		2523524
16	North Central Railways	NR							2082900		2082900
17	RAPP 7&8, NPCIL	NR								33406195	33406195
18	Adani Renewable Energy Park Rajasthan Limited	NR								3052868	3052868
19	ACME Solar Holdings Pvt. Ltd	NR								1954752	1954752
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4564996	4564996
21	THDC India Ltd.	NR								31574137	31574137
22	Gujarat	WR	9922	727294625	1776097822	190854256	222508603	132009491	54007837	12549133	3115321767

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		
23	Madhya Pradesh	WR	7757	547902356	1388578607	149212579	173960399	103206903	123285800	1235668	2487382312
24	Maharashtra	WR	7131	935472362	1276521914	137171296	159921995	94878225	79916858		2683882650
25	Chhattisgarh	WR	2892	122815216	517639478	55624018	64849602	38473852	23032343		822434508
26	Goa	WR	513	42359206	91898299	9875121	11512971	6830394	10592365	1254778	174323134
27	DNHDDPDCL	WR	1481	162175255	265070722	28483721	33207921	19701534	27166061		535805213
28	ACB Ltd	WR	48	0	8592183	923291	1076424	638619			11230517
29	Torrent Power	WR	200	0	35800764	3847045	4485101	2660912			46793822
30	Sembcorp Energy India Ltd Project-I	WR	115	10490070	20585439	2212051	2578933	1530025			37396517
31	TRN Energy Pvt. Ltd.	WR	3.0	553242	537011	57706	67277	39914			1255150
32	CSPTCL	WR	261	0	46719997	5020394	5853057	3472491			61065938
33	WBSEDCL_Inj	WR	400	0	71601528	7694090	8970202	5321825			93587645
34	GMR Warora Energy Ltd, Maharashtra	WR	45	2024529	7981780	857699	999953	593250			12457212
35	MB Power	WR								8993256	8993256
36	Adani Power Limited	WR								285612071	285612071
37	Essar Steel	WR							8805858		8805858
38	Powerica Ltd.	WR								10344850	10344850
39	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665
40	Andhra Pradesh	SR	1765	247334637	315860140	33941403	39570793	29665956	35559464		701932393
41	Telangana	SR	3836	149576777	686654062	73785829	86023660	64491358	35565151		1096096838
42	Tamil Nadu	SR	8570	502134780	1534068708	164846518	192187323	144081540	94701954		2632020823
43	Kerala	SR	2746	130322828	491557943	52821373	61582121	46167701	51939269		834391235
44	Karnataka	SR	4095	353743185	733087560	78775436	91840825	68852447	100520494	3551241	1430371188
45	Pondicherry	SR	530	12360863	94934529	10201386	11893348	8916363	12854861		151161349

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		
46	Goa-SR	SR	93	3183065	16595265	1783278	2079046	1558647			25199301
47	Sembcorp Energy India Ltd Project-I	SR	55	5016990	9845210	1057937	1233403	924674		113512	18191726
48	Sembcorp Energy India Ltd Project-II	SR	337	47916036	60270586	6476500	7550667	5660684		7007360	134881835
49	BHAVINI	SR								20469173	20469173
50	Betam	SR								483770	483770
51	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471
52	West Bengal	ER	2409	299597134	431269290	46342931	54029190	65467947	48332935		945039427
53	Odisha	ER	1766	119652712	316044752	33961241	39593921	47976523	71026853		628256001
54	Bihar	ER	6003	279986680	1074499030	115462510	134612675	163112114	175049604		1942722612
55	Jharkhand	ER	708	35149457	126794342	13624948	15884729	19247754	51065945	9869089	271636264
56	Sikkim	ER	97	147743	17338520	1863146	2172161	2632038	2688795		26842402
57	DVC	ER	640	34448239	114645530	12319472	14362732	17403529	9385005		202564507
58	Bangladesh	ER	782	17662677	140058717	15050298	17546483	21261325			211579500
59	Arunachal Pradesh	NER	288	1672049	51510162	5535131	6453166	8993762	13959727		88123995
60	Assam	NER	1628	96511718	291459868	31319421	36513939	50889387	23036572	1016063	530746969
61	Manipur	NER	206	3778336	36798077	3954213	4610044	6425007	3999964		59565641
62	Meghalaya	NER	269	1815320	48104291	5169146	6026480	8399091	392447		69906776
63	Mizoram	NER	137	3228748	24511084	2633889	3070736	4279677	1532249		39256383
64	Nagaland	NER	194	7140538	34771762	3736471	4356188	6071209	24170597		80246765
65	Tripura	NER	302	5298753	54114866	5815025	6779482	9448547	23697326		105153999
<b>TOTAL</b>			<b>102413.82</b>	<b>8192350712</b>	<b>18332465777</b>	<b>1969952933</b>	<b>2296681690</b>	<b>2962414543</b>	<b>1804865094</b>	<b>561806498</b>	<b>36120537247</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	46.2	11 MW: 13.11.2021; 11MW: 04.12.2021, 13.2MW: 30.03.2022 11MW: 10.05.2022	50MW: 14.04.19	3.8	118831	
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	2185861	
3	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1563563	
4	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	9614791	
5	NTPC LTD. (Auraiya Floating Solar)	Uttar Pradesh		20			20 MW: 11.04.2022	20	800625	
6	NTPC Kawas (Solar)	Gujarat		39.50	39.5	14.11MW: 14.05.2022 10.58MW:15.06.2022 14.81MW:15.08.2022	14.11MW: 27.05.2022 10.58MW: 31.05.2022 14.81MW: 24.06.2022	0	209154	Charges computed for 14 days corresponding to 14.81 MW
7	NTPC Kawas (Solar)	Gujarat		16.50	16.5	5.89MW: 14.05.22 4.42MW:15.06.2022 6.19MW:15.08.2022	5.89MW:27.05.2022 4.42MW:31.05.2022 6.19MW:24.06.2022	0	87418	Charges computed for 14 days corresponding to 6.19 MW
8	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	377187	Charges computed for 22 days corresponding to 14.11MW and for 09 days corresponding to 7.06MW
9	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	157451	Charges computed for 22 days corresponding to 5.89MW and for 09 days corresponding to 2.95MW

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

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	52.27
2	UP	NR	55.60
3	Punjab	NR	50.64
4	Haryana	NR	65.83
5	Chandigarh	NR	43.99
6	Rajasthan	NR	58.42
7	HP	NR	41.69
8	J&K	NR	44.04
9	Uttarakhand	NR	49.99
10	Gujarat	WR	43.43
11	Madhya Pradesh	WR	44.51
12	Maharashtra	WR	52.27
13	Chhattisgarh	WR	39.50
14	Goa	WR	46.82
15	Daman and Diu and Dadra and Nagar Haveli	WR	50.25
16	Andhra Pradesh	SR	55.25
17	Telangana	SR	39.69
18	Tamil Nadu	SR	42.66
19	Kerala	SR	42.20
20	Karnataka	SR	48.39
21	Pondicherry	SR	39.59
22	Goa-SR	SR	37.75
23	West Bengal	ER	54.48
24	Odisha	ER	49.42
25	Bihar	ER	44.95
26	Jharkhand	ER	51.33
27	Sikkim	ER	38.49
28	DVC	ER	43.93
29	Bangladesh	ER	37.56
30	Arunachal Pradesh	NER	42.53
31	Assam	NER	45.19
32	Manipur	NER	40.24
33	Meghalaya	NER	36.13
34	Mizoram	NER	39.82
35	Nagaland	NER	57.38
36	Tripura	NER	48.31

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

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
1	UP	NR	9153.03	
2	Delhi	NR	4155.13	
3	Haryana	NR	4243.75	
4	Uttarakhand	NR	1304.42	
5	Punjab	NR	5404.01	
6	Rajasthan	NR	4167.15	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	2303.55	
9	Chandigarh	NR	352.24	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	256.88	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	10.00	Rajasthan
15	Railways_Punjab	NR	35.00	Punjab
16	PG-Rihand	NR	0.74	Uttar Pradesh
17	PG-Dadri	NR	0.76	Uttar Pradesh
18	PG-Agra	NR	2.36	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	23.35	
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	9909.24	
28	Madhya Pradesh	WR	7547.57	
29	Chhattisgarh	WR	2886.72	
30	Maharashtra	WR	6999.07	
31	GOA	WR	513.39	
32	D&D and DNH	WR	1480.81	
33	HVDC Bhadrawathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh
39	Railways_MP	WR	209.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	ACB Ltd.	WR	48.00	
42	Torrent Power	WR	200.00	
43	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
44	CSPTCL	WR	261.00	
45	TRN Energy Pvt. Ltd.	WR	3.00	
46	Sembcorp Energy India Ltd	WR	115.00	
47	WBSEDCL	WR	400.00	
48	BIHAR	ER	5901.75	
49	JHARKHAND	ER	708.33	
50	DVC	ER	330.46	
51	ORISSA	ER	1765.58	



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*
52	WEST BENGAL	ER	2407.87	
53	SIKKIM	ER	96.86	
54	Bangladesh	ER	782.43	
55	TATA Steel Ltd.	ER	200.00	DVC
56	Railways_Bihar	ER	100.00	Bihar
57	Railways_DVC	ER	110.00	DVC
58	HVDC Alipurduar	ER	1.41	West Bengal
59	POWERGRID PUSAULI	ER	0.91	Bihar
60	Andhra Pradesh	SR	1762.07	
61	Karnataka	SR	4083.87	
62	KSEB	SR	2745.01	
63	Tamil Nadu	SR	8553.47	
64	Telangana	SR	3835.97	
65	Puducherry	SR	530.35	
66	Goa	SR	92.71	
67	SAIL, Salem	SR	13.65	Tamil Nadu
68	Railways_Karnataka	SR	10.00	Karnataka
69	PG-HVDCGazuwaka	SR	0.98	Andhra Pradesh
70	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
71	PG-HVDC Kolar	SR	1.50	Karnataka
72	PG-HVDC Pugalur	SR	2.91	Tamil Nadu
73	PG-HVDC Thrissur	SR	1.06	Kerala
74	Sembcorp Energy India Ltd Project-I	SR	55.00	
75	Sembcorp Energy India Ltd Project-II	SR	336.70	
76	Arunachal Pradesh	NER	287.76	
77	Assam	NER	1621.87	
78	Manipur	NER	205.57	
79	Meghalaya	NER	268.73	
80	Mizoram	NER	136.93	
81	Nagaland	NER	194.25	
82	Tripura	NER	302.31	
83	PG-HVDC BNC	NER	1.37	Assam
84	Railway_Assam	NER	5.00	Assam

**TOTAL**

**102413.824**

**\*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 Aug'22**

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Aug'22 (₹ Cr)	Equivalent MTC to be considered for Aug'22 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	33328.12	33328.12	2830.61	As per data furnished by ISTS Licensee for Aug'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	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	14.01	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.66	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
5	Sipat Transmission Limited.	94.92	94.92	8.06	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
6	Western Transmission Gujarat Limited	53.00	53.00	4.50	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
7	Western Transco Power Limited	97.41	97.41	8.27	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
8	Alipurduar Transmission Limited	153.02	153.02	13.00	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	4.08	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
10	North Karanpura Transco Limited	23.64	23.64	2.01	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.95	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
12	Jam Khambaliya Transco Limited	40.36	40.36	3.43	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
13	Aravali Power Company Private Limited	10.42	10.42	0.88	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
14	Essar Power Transmission Company Limited	405.68	405.68	34.45	As per data furnished by ISTS Licensee for Aug'22
15	Jindal Power Limited	19.12	19.12	1.62	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
16	Kudgi Transmission Limited	196.29	196.29	16.67	As per data furnished by ISTS Licensee for Aug'22
17	Parbati Koldam Transmission Company Limited	171.37	171.37	14.55	As per data furnished by ISTS Licensee for Aug'22
18	Bhopal Dhule Transmission Company Ltd.	260.51	260.51	22.13	As per data furnished by ISTS Licensee for Aug'22
19	East North Interconnection Company Limited	144.63	144.63	12.28	As per data furnished by ISTS Licensee for Aug'22
20	Gurgaon Palwal Transmission Limited	140.93	140.93	11.97	As per data furnished by ISTS Licensee for Aug'22
21	Jabalpur Transmission Company Limited	146.99	146.99	12.48	As per data furnished by ISTS Licensee for Aug'22
22	Maheshwaram Transmission Limited	55.99	55.99	4.76	As per data furnished by ISTS Licensee for Aug'22
23	Khargone Transmission Company Ltd.	182.13	182.13	15.47	As per data furnished by ISTS Licensee for Aug'22
24	Goa Tamnar Transmission Projects Limited	42.64	42.64	3.62	As per data furnished by ISTS Licensee for Aug'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Aug'22 (₹ Cr)	Equivalent MTC to be considered for Aug'22 (₹ Cr)	Remarks
25	Mumbai Urja Marg Limited	29.08	29.08	2.47	As per data furnished by ISTS Licensee for Aug'22
26	NRSS-XXIX Transmission Limited	502.99	502.99	42.72	As per data furnished by ISTS Licensee for Aug'22
27	Odisha Generation Phase-II Transmission Limited	154.24	154.24	13.10	As per data furnished by ISTS Licensee for Aug'22
28	Patran Transmission Company Limited	30.73	30.73	2.61	As per data furnished by ISTS Licensee for Aug'22
29	Purulia & Kharagpur Transmission Company Limited	72.43	72.43	6.15	As per data furnished by ISTS Licensee for Aug'22
30	Rapp Transmission Company Limited	44.03	44.03	3.74	As per data furnished by ISTS Licensee for Aug'22
31	NER-II Transmission Limited	412.53	412.53	35.04	As per data furnished by ISTS Licensee for Aug'22
32	Teestavalley Power Transmission Limited	257.15	257.15	21.84	As per data furnished by ISTS Licensee for Aug'22
33	Torrent Power Grid Limited	39.40	39.40	3.35	As per data furnished by ISTS Licensee for Aug'22
34	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.44	As per data furnished by ISTS Licensee for Aug'22
35	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.33	As per data furnished by ISTS Licensee for Aug'22
36	Jaypee Powergrid Limited	138.41	138.41	11.76	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
37	Kohima Mariani Transmission Limited	237.50	237.50	20.17	As per data furnished by ISTS Licensee for Aug'22
38	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Aug'22
39	Damodar Valley Corporation	109.09	109.09	9.26	As per data furnished by ISTS Licensee for Aug'22
40	Powerlinks Transmission Limited	137.17	137.17	11.65	As per data furnished by ISTS Licensee for Aug'22
41	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Aug'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 Aug'22 (₹ Cr)	Equivalent MTC to be considered for Aug'22 (₹ Cr)	Remarks
42	Warora-Kurnool Transmission Limited	6.21	6.21	0.53	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
43	Powergrid Vizag Transmission Limited	234.51	234.51	19.92	As per data furnished by ISTS Licensee for Aug'22
44	Powergrid NM Transmission Limited	111.41	111.41	9.46	As per data furnished by ISTS Licensee for Aug'22
45	Powergrid Unchahar Transmission Limited	19.76	19.76	1.68	As per data furnished by ISTS Licensee for Aug'22
46	Powergrid Parli Transmission Limited	326.22	326.22	27.71	As per data furnished by ISTS Licensee for Aug'22
47	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.83	As per data furnished by ISTS Licensee for Aug'22. Bilateral payment of HPSEB is also included in the claimed YTC
48	Powergrid Southern Interconnector Transmission System Limited	462.10	462.10	39.25	As per data furnished by ISTS Licensee for Aug'22
49	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.78	As per data furnished by ISTS Licensee for Aug'22
50	Powergrid Warora Transmission Limited	364.20	364.20	30.93	As per data furnished by ISTS Licensee for Aug'22
51	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	47.56	As per data furnished by ISTS Licensee for Aug'22. Jeerat(New)-Subhashgram 400 kV D/C line commissioned on 26.08.2022, hence charges for the same is considered for 6 days.
52	Powergrid Mithilanchal Transmission Limited	170.00	170.00	14.44	As per data furnished by ISTS Licensee for Aug'22
53	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.40	As per data furnished by ISTS Licensee for Aug'22
54	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.93	As per data furnished by ISTS Licensee for Aug'22
55	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.33	As per data furnished by ISTS Licensee for Aug'22
56	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.76	As per data furnished by ISTS Licensee for Aug'22
57	North East Transmission Company Limited	260.21	260.21	22.10	Data not furnished for Aug'22. Considered the same as in the earlier billing period.
58	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	439.71	44.86	3.81	As per data furnished by ISTS Licensee for Aug'22
59	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.06	As per data furnished by ISTS Licensee for Aug'22
60	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Aug'22. CERC Tariff Order dated 12.06.2019 has been considered
61	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Aug'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.
62	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.69	Data not furnished for Aug'22. Considered the same as in the earlier billing period. CERC Tariff Order dated 09.11.2021 , 25.11.2021 and 13.06.2021 have been considered.
63	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.54	Data not furnished by ISTS Licensee for Aug'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. RPC certified non-ISTS as ISTS has not been considered in line with clause 13 (13) of Sharing Regulations,2020
64	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Aug'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
65	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	As per data furnished by ISTS Licensee for Aug'22
66	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.22	Data not furnished for Aug'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 Aug'22 (₹ Cr)	Equivalent MTC to be considered for Aug'22 (₹ Cr)	Remarks
67	Odisha Power Transmission Corporation Limited	9.80	9.67	0.82	Data not furnished by ISTS Licensee for Aug'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. Filing and Publication fee of ₹ 13.67 Lacs as claimed by the licensee is not considered. The same may be claimed in Bill-2 or Bill-3 as applicable.
68	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Aug'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
69	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Aug'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
70	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Aug'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
71	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Aug'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
72	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Aug'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	Haryana Vidyut Prasaran Nigam Limited	0.34	0.34	0.03	As per data furnished by ISTS Licensee for Aug'22
74	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Aug'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
75	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Aug'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
76	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Aug'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 Aug'22 from the claimed assets of ISTS licensees (₹ Crores)

**3612.05**

## Details of Bilateral Billing for August,2022

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 2022
6	220kV, 2 Nos. Line bays at Jallandhar Substation	Powergrid	Punjab State Transmission Corporation Limited (PSTCL)	NR	935605	Punjab	As per Regulation 13(12) of Sharing Regulations 2020
7	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Powergrid	Rajasthan DISCOMs	NR	1000068	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
8	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Powergrid	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL)	NR	1148784	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2022
9	400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota)	Powergrid	RAPP 7&8, NPCIL	NR	33406195		As per Regulation 13(3) of Sharing Regulations 2020
10	One No. 220kv line Bays (206 no. Bay) associated with Baghat GIS Substation	Powergrid	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	3671419	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
11	One No. 220kv line Bays (207 no. Bay) associated with Baghat GIS Substation						
12	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station						
13	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Powergrid	Betam	SR	483770		As per Regulation 13(3) of Sharing Regulations 2020
14	Asset 1. Kalpakkam PFBR-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	20469173		As per Regulation 13(3) of Sharing Regulations 2020
15	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Powergrid	Karnataka DISCOMs	SR	840822	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020

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	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Powergrid	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	2710419	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
17	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-1	SR	113512		As per Regulation 13(9) of Sharing Regulations 2020
18	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	285612071		--
19	2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa- (Colvale) (Powergrid)-Tuem 220 kV D/C line)	Powergrid	Goa Electricity Department (GED), Goa	WR	1254778	Goa	As per Regulation 13(12) of Sharing Regulations 2020
20	Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation	Powergrid	Gujarat Urja Vikas Nigam Limited (GUVNL)	WR	972041	Gujarat	As per Regulation 13(12) of Sharing Regulations 2020
21	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	11577092	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
22	Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS-Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR		Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
23	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	Powergrid	MB Power	WR	8993256		As per Regulation 13(9) of Sharing Regulations 2020
24	1 no. 220 kV line bays at 400/220 kV Indore substation	Powergrid	Madhya Pradesh Power Transmission Corporation Limited (MPPTCL)	WR	1235668	Madhya Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
25	1 no. 220 kV line bay at 400/220 kV Indore substation						
26	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	Powergrid	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1276471		As per Regulation 13(3) of Sharing Regulations 2020
27	LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL)	NER-II Transmission Ltd	Assam Electricity Grid Corporation Limited (AEGCL)	NER	1016063.34	Assam	As per Regulation 13(12) of Sharing Regulations 2020
28	04 Nos. 220 kV bays at Dehradun Sub-station	Powergrid	Power Transmission Corporation Of Uttarakhand Limited	NR	2624468.49	Uttrakhand	As per Regulation 13(12) of Sharing Regulations 2020
29	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	7007360.39		As per Regulation 13(9) of Sharing Regulations 2020
30	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	Powergrid	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	9036420.38	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020

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
31	Establishment of 4x500MVA, 400/220kV Jam Khambhaliya PS (GIS)	Jam Khambhaliya Transco Limited	Powerica Ltd.	WR	10344849.89		As per Regulation 13(12) of Sharing Regulations 2020
32	1x125MVAR, 420kV Bus reactor at Jam Khambhaliya PS along with reactor bay			WR		As per Regulation 13(12) of Sharing Regulations 2020	
33	Extension of Essar–Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS			WR		As per Regulation 13(12) of Sharing Regulations 2020	
34	2 nos. of 400kV line bays at Jam Khambhaliya PS for termination of Jam Khambhaliya PS-Lakadia 400kV D/C (triple) line			WR		As per Regulation 13(12) of Sharing Regulations 2020	
35	63MVAR switchable Line Reactor at both ends of Lakadia - Jam Khambhaliya 400kV D/c line along with 500 Ohms NGR on both circuits & at both ends of Lakadia – Jam Khambhaliya 400 kV D/c line			WR		As per Regulation 13(12) of Sharing Regulations 2020	
36	Mahan Bilaspur Line	Essar Power Transmission Company Ltd.	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	62607664.92		As per CERC order dated 14.03.2022 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2020
37	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	1895822.96		As per Regulation 13(3) of Sharing Regulations 2020
38	Establishment of 400 kV Pooling Station at Fatehgarh	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	1157045.00		As per Regulation 13(3) of Sharing Regulations 2020
39	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		ACME Solar Holdings Pvt. Ltd	NR	1954752.00		As per Regulation 13(3) of Sharing Regulations 2020
40	2 Nos. 400 kV line bays at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
41	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay			NR			As per Regulation 13(3) of Sharing Regulations 2020
42	Space for future 220kV (12 Nos) Line Bays			NR			As per Regulation 13(3) of Sharing Regulations 2020
43	Space for future 400kV (8 Nos) Line Bays alongwith line reactors at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
44	Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.			NR			As per Regulation 13(3) of Sharing Regulations 2020
45	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.			NR			As per Regulation 13(3) of Sharing Regulations 2020



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
46	400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation;	Powergrid	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR	4564995.83		As per Regulation 13(3) of Sharing Regulations 2020
47	500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation,			NR		As per Regulation 13(3) of Sharing Regulations 2020	
48	500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation			NR		As per Regulation 13(3) of Sharing Regulations 2020	
49	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	31574136.99		As per Regulation 13(3) of Sharing Regulations 2020
50	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	

**TOTAL**

**561806498**

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

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

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationlization	Exempted quantum in MW (as on Aug'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	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 Oct'22 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Included in Format II G(2).	Bhuj	
			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 Oct'22 Billing month. Included in Format II G(2).		
12	Mytrah Energy (India) Pvt Ltd (GEC-I Corridor)	SR	250	250	UPPCL -100 MW, Jharkhand - 50 MW, Bihar - 50 MW, Assam - 50 MW	75MW: 10.06.18; 50MW: 30.09.18; 125MW: 01.12.18;	250	No billing for Oct'22 billing month.		
13	AP Solar Power Corporation Pvt Ltd (NP Kunta)	SR	1500	1500	Andhra Pradesh-1500MW	250MW: 11.07.16; 750MW: 04.08.18; 500MW: 01.10.18;	1400	Included in Format II G (1)		
14	Karnataka Solar Power development Corporation Ltd	SR	2050	2050	Karnataka-1850 MW, UPPCL- 200 MW	600MW: 12.07.18; 400MW: 28.09.18; 200MW: 30.12.19; 850 MW: 03.05.20	2050	No billing for Oct'22 billing month.		
15	Green Infra Renewable Energy Ltd.	SR	249.9	249.9	UPPCL -99.9 MW, Jharkhand - 50 MW, Bihar - 50 MW, BRPL - 50 MW	249.9 MW: 10.10.18	249.9	No delay. Hence, no billing.		
16	Orange Sironj Power Pvt. Ltd.	SR	200	200	Bihar - 100 MW, Haryana - 100 MW	200 MW: 22.02.19	200	No billing for Oct'22 billing month.		
17	Betam Wind Energy Private Limited	SR	250.2	250.2	Bihar - 50.2 MW, Odisha- 100 MW, UPPCL -100 MW	250.2 MW:31.07.19	218.2	LTA was granted on existing margins. However, CERC in tariff petition 172/TT/2018 has linked the LTA to 2X500MVA, 400/230kV ICTs at Tirunelveli Pool (Tuticorin-II). Therefore, Betam is not included in FORMAT II-G(3).		
18	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL-500 MW	500 MW: 27.10.19	500	No billing for Oct'22 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	250 MW: 27.10.19	250	No delay. Hence, no billing.	Bhadla	Azure Power India Pvt. Ltd.: 200MW ReNew Solar Power Pvt. Ltd.:50MW
20	NTPC Ltd. (Auraiya Solar)	NR	20	20	UPPCL-20MW	15MW: 25.10.2020 5MW: 30.11.2020	20	No billing for Oct'22 billing month.	Auraiya	
21	Sprng Renewable Energy Pvt Limited	SR	300	300	UP-300 MW	300 MW: 30.11.19	300	No billing for Oct'22 billing month.		
22	Adani Wind Energy Kutchh Three Limited	WR	250	250	Chandigarh Administration, UT, Chandigarh 40MW Uttar Pradesh Power Corporation Ltd 85MW Kerala State Electricity Board Ltd 75MW GRIDCO LTD. 50MW	115 MW: 05.02.2021 30.5 MW: 15.03.2021 43.8 MW: 08.04.2021 28.5 MW: 05.05.2021 32.2 MW: 09.05.2021	250	No Billing for Oct'22 billing month. Included in Format II G(2).	Bhuj	
23	Continuum Power Trading (TN) Pvt. Ltd	WR	50	50	MPPMCL	15.02.2021	50	32MW RE Capacity commissioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for Oct'22 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)	Effective date of LTA/MTOA operationlization	Exempted quantum in MW (as on Aug'22)	Remarks	PS	SPD/SPV/Subsidiary
24	Avikiran Solar India Private Ltd.. (ASIPL)	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 SBPDC-243MW	01.06.2021	300	Included in Format II G (1).	Bhadla	SB Energy Six Pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW
26	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL	01.07.2021	75	MTOA was operational upto 30-Jun-2021. Now. The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2).		
27	Adani Renewable Energy Park Rajasthan Ltd.	NR	1000	996	TSSPDC-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).  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	485	Included in Format II G (1)	Radhanesda	
29	Azure Power India Pvt. Ltd.	NR	130	130	MSEDCL	01.09.2021	130	No Billing for Oct'22 billing month	Bhadla	Azure Power Thirty Four Pvt. Ltd.
30	Tata Power Renewable Energy Ltd.	NR	150	150	MSEDCL	01.09.2021	150	No Billing for Oct'22 billing month	Bhadla	Tata Power Renewable Energy Ltd.
31	Azure Power India Pvt. Ltd.	NR	300	300	GRIDCO: 200MW BRPL: 100MW	01.09.2021	300	LTA was made effective vide CTU letter dated 26.08.2021. 50MW w.e.f. 13.10.2021, 50MW COD w.e.f 02.11.2021 and 50MW COD w.e.f 30.11.2021, 50MW COD w.e.f. 27.12.2021, 50MW COD w.e.f. 31.01.2022. 50MW: 07.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Forty One Pvt. Ltd.
32	Azure Power India Pvt. Ltd.	NR	200	200	MPPMCL	01.09.2021	200	COD of 53MW: 14.02.2022, COD of 147MW: 30.03.2022  Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
33	Azure Power India Pvt. Ltd.	NR	50	50	MPPMCL	01.09.2021	50	COD of 50MW: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
34	Renew Power Pvt Ltd	SR	300	300	SBPDC: 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 <b>Total : 174.3 MW</b>	174.3	Part LTA operationalized on existing margins as per the request of applicant. Included in Format II G(3). 63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21 37.8MW: 27.07.22.		

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationlization	Exempted quantum in MW (as on Aug'22)	Remarks	PS	SPD/SPV/Subsidiary
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 Oct'22 billing month.	Bikaner	Azure Power Forty Three Pvt. Ltd.
37	Avaada Energy Pvt. Ltd.	NR	100 MW out of 350MW	350.0	MSEDCL-350MW	100MW: 03.11.2021	100.0	100MW COD w.e.f. 03.11.2021	Bikaner	Avaada Sunce Energy Pvt. Ltd.
38	Ayana Renewable Power One Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW	300MW: 23.12.2021	300.0	300MW COD: 22.12.2021	Bikaner	Ayana Renewable Power One Pvt. Ltd.
39	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW	50MW:07.01.2022	50.0	Additional 50MW 50MW COD w.e.f. 07.01.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
40	Avaada Energy Pvt. Ltd.	NR	100 MW out of 300MW	300.0	TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW	100MW:18.01.2022	100.0	100MW COD w.e.f. 14.01.2022	Bikaner	Avaada Sustaianble RJProject Pvt. Ltd.
41	Adani Renewable Energy (Rajasthan) Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)	NR	200.0	200.0	MSEDCL-200MW	200MW; 05.01.2022	200.0	200MW COD w.e.f. 21.08.2019	Bhadla	Adani Renewable Energy (Rajasthan) Ltd.
42	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW	50MW:04.02.2022	50.0	Additional 50MW 50MW COD w.e.f. 04.02.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
43	Avaada Energy Pvt. Ltd.	NR	150 MW out of 350MW	-	MSEDCL-350MW	150MW:25.02.2022	150.0	Additional 50MW 50MW COD w.e.f. 25.02.2022. 50MW: 17.03.2022; 50MW: 08.04.2022. No Billing for Oct'22 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW	40MW:08.02.2022	40.0	40MW COD w.e.f. 08.02.2022	Bikaner	Avaada 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) 50 MW: 17.06.2022 (COD). Included in Format II G (3)		
48	ACME Solar Holdings Pvt. Ltd.	NR	300	300	BRPL: 300MW	02.04.2022	0	Included in Format II G (1).	Fatehgarh	ACME Raisar Solar Energy Pvt L
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 I
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
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 Dhampur Solar Energy Pv

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Aug'22)	Remarks	PS	SPD/SPV/Subsidiary
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 Sustaianble RJProject Pv
53	NTPC LTD. (Auraiya Floating Solar)	NR	20	20	UPPCL:20MW	11.04.2022	0	Included in Format II G (3)	Auraiya GPS	NTPC Ltd.
54	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	WR	39.5	39.5	TSSPDCL	14.11MW:27.05.2022 10.58MW:31.05.2022 14.81MW:24.06.2022	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 Projectco Two Pvt Ltd	WR	324.4	324.4	UPPCL	26.05.2022	0	Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Indore S/s	
58	Southern Power Distribution Company of Telangana Limited (TSSPDCL)	WR	14.11	14.11	TSSPDCL	09.05.2022	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 Dhaulpur Solar Energy Pv
61	Adani Renewable Energy Holding One Ltd.	NR	390	390	HPPC-390MW	11.05.2022	390	50MW:17.08.21; 52.19MW: 12.04.22; 92.81MW:27.05.22; 50MW: 14.08.21; 143.64MW: 27.05.22; 1.36MW: 28.05.22; Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Fatehgarh-II PS	Adani Green Energy Eighteen Ltd
62	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW	11.05.2022	300.0	150MW: 02.09.2021, 50MW: 27.09.2021, 50MW: 05.10.2021, 50MW: 09.12.2021	Fatehgarh-II PS	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.
63	ReNew Solar Urja Pvt. Ltd.	NR	300.0	300.0	TSSPDCL: 91.715MW 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.
65	Sitac Kabini Renewables Private Limited	WR	148.5 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	148.5	94.5MW COD: 11.08.2022 21.6MW COD: 19.08.2022 18.9MW COD: 24.08.2022 13.5MW COD: 25.08.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Aug'22)	Remarks	PS	SPD/SPV/Subsidiary
66	Srijan Energy Systems Pvt Ltd (1200002522)	WR	22.5 out of 49.5	49.5	Electricity Deptt, Goa	22.5MW: 05.08.2022	22.5	22.5MW COD: 10.08.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
67	Srijan Energy Systems Pvt Ltd (1200003244)	WR	22.5 out of 49.5	49.5	NBPDCL (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	22.5	22.5MW COD: 10.08.2022. 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	22.5 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	22.5	22.5MW COD: 10.08.2022. 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	NBPDCL & 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	CDPDCL-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

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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, 200MW 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.
	<b>Total</b>		<b>18491.1</b>	<b>20885.6</b>			<b>16593.2</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