



ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

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

[Formerly Power System Operation Corporation Limited (POSOCO)]

राष्ट्रीय भार प्रेषण केन्द्र/ National Load Despatch Centre

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

No: TC/03/2023

Date: 25.03.2023

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 **51st time block (12:30 Hrs to 12:45 Hrs) on 08th February, 2023** as a peak block for the billing period of Feb'23 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 15.03.2023 with last date of submission of comments as 17.03.2023. 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 15.03.2023 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.03.2023.
6. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.

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 28.02.2023. Haryana Vidyut Prasaran Nigam Limited has submitted its YTC on 01.03.2023. PowerGrid has submitted its YTC and YTC of its SPV's on 02.03.2023. Teestavalley Power Transmission Limited has submitted its YTC on 02.03.2023. Torrent Power Grid Ltd. has submitted its YTC on 03.03.2023. Raipur-Rajnandgaon Warora Transmission Limited and Chhattisgarh-WR Transmission Limited have submitted its revised YTC on 06.03.2023. 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 Feb'23

Sl. No.	Name of ISTS Licensee
1	Powergrid Corporation Of India Ltd
2	Adani Transmission (India) Limited
3	Chhattisgarh-WR Transmission Limited.
4	Raipur Rajnandgaon-WR Transmission Limited.
5	Sipat Transmission Limited.
6	Western Transmission Gujarat Limited
7	Western Transco Power Limited
8	Alipurduar Transmission Limited
9	Fatehgarh-Bhadla Transmission Ltd.
10	North Karanpura Transco Limited
11	Bikaner-Khetri Transmission Limited
12	Jam Khambaliya Transco Limited
13	Lakadia-Banaskantha Transmission Limited
14	WRSS XXI (A) Transco Limited
15	Parbati Koldam Transmission Company Limited
16	Bhopal Dhule Transmission Company Ltd.
17	East North Interconnection Company Limited
18	Gurgaon Palwal Transmission Limited
19	Jabalpur Transmission Company Limited

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

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

2. As per Sharing Regulations 2020 and NLDC notified Procedure for collection of data and information, CTU shall submit all required data and information as stipulated in Formats II(A) to II(G) within 7 days after the end of the billing period i.e. by 07.03.2023. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 03.03.2023. CTU has submitted data in formats II(A), II(B) and II(F) on 09.03.2023. Subsequently, CTU has submitted data in formats II(C), II(D), II(E) and II-(G1) to II-(G5) on 10.03.2023.

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 07.03.2023 is as mentioned below:

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

7	Hazira	Galiveedu (Karnal P1, Hisar P3 & Bhiwadi P6)				
8	ACBIL	PVG Renew-TN2				
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	Ayana NP Kunta				
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 BNC-Agra 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 Feb'23.
- 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 Feb'23. For the ISTS licensees who have not submitted YTC data for Feb'23, 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 Feb'23 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 Feb'23.
- 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 April,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	4686	192293610	749064690	104128055	122003811	218304770	50666627		1436461564
2	UP	NR	9232	609886650	1475678429	205135186	240350926	430066515	127592188	489118	3089199011
3	Punjab	NR	4040	325904694	645799236	89773045	105184464	188209451	100411851		1455282741
4	Haryana	NR	3850	370686559	615445829	85553595	100240657	179363361	167943912		1519233913
5	Chandigarh	NR	275	16231125	43929154	6106625	7154955	12802558	2893209		89117626
6	Rajasthan	NR	4216	320066939	673877370	93676208	109757686	196392443	84208929	1940899	1479920474
7	HP	NR	1683	123451475	269055592	37401623	43822393	78412612	22533153	46506288	621183138
8	J&K	NR	3787	236978863	605353427	84150642	98596858	176422067	50042754		1251544611
9	Uttarakhand	NR	1512	132812610	241751789	33606101	39375290	70455288	27307935	2370488	547679501
10	GMR Kamalanga	NR	75	7116310	11988481	1666528	1952622	3493881			26217821
11	WBSEDCL_Inj	NR	600	0	95907845	13332223	15620977	27951044			152812090
12	MB Power	NR	25.0	4894459	3996160	555509	650874	1164627			11261629
13	Northern Railways	NR							2529713		2529713
14	North Central Railways	NR							1881329		1881329
15	RAPP 7&8, NPCIL	NR								30173337	30173337

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		
16	Adani Renewable Energy Park Rajasthan Limited	NR								2732984	2732984
17	ACME Solar Holdings Pvt. Ltd	NR								1765582	1765582
18	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4123222	4123222
19	THDC India Ltd.	NR								37949282	37949282
20	Gujarat	WR	9601	747466958	1534692750	213338812	249962875	114252268	47062475	9727189	2916503328
21	Madhya Pradesh	WR	7833	886661413	1252140448	174061001	203942207	93217282	113997549		2724019899
22	Maharashtra	WR	7111	1192853434	1136654876	158007263	185132510	84619803	72785757		2830053644
23	Chhattisgarh	WR	2892	101565080	462243404	64256809	75287832	34412333	20803406		758568864
24	Goa	WR	513	45222479	81962390	11393654	13349613	6101800	9567298	1133348	168730583
25	DNHDDPDCL	WR	1464	164737510	234022744	32531680	38116423	17422138	24537087		511367582
26	ACB Ltd	WR	48	8606695	7672628	1066578	1249678	571199			19166778
27	Torrent Power	WR	200	254112	31969282	4444074	5206992	2379996			44254456
28	Sembcorp Energy India Ltd Project-I	WR	115	7466072	18382337	2555343	2994021	1368498			32766271
29	TRN Energy Pvt. Ltd.	WR	3.0	417802	479539	66661	78105	35700			1077807

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		
30	CSPTCL	WR	261	0	41719913	5799517	6795125	3105895			57420450
31	WBSEDCL_Inj	WR	400	0	63938564	8888149	10413985	4759992			88000690
32	GMR Warora Energy Ltd, Maharashtra	WR	45	3001394	7127551	990806	1160899	530620			12811271
33	DB Power	WR	34	4866559	5466747	759937	890396	406979			12390617
34	MB Power	WR								8228392	8228392
35	Adani Power Limited	WR								246565951	246565951
36	Essar Steel	WR							7953678		7953678
37	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								56548859	56548859
38	Andhra Pradesh	SR	1566	393466565	250361648	34802964	40777620	121849124	33462847		874720768
39	Telangana	SR	3905	350742979	624189673	86769083	101664809	303788401	33834698		1500989643
40	Tamil Nadu	SR	8409	494448496	1344163501	186853196	218930450	654194228	85537249		2984127120
41	Kerala	SR	2763	177816025	441734684	61405876	71947477	214988936	59081802		1026974801
42	Karnataka	SR	5048	508143868	806904245	112168376	131424420	392714204	97253537	2524526	2051133176
43	Pondicherry	SR	449	12575368	71822791	9984141	11698127	34955610	11610842		152646879
44	Goa-SR	SR	92	0	14657611	2037566	2387356	7133749			26216282
45	Sembcorp Energy India Ltd Project-I	SR	55	3570730	8791552	1222120	1431923	4278782		102527	19397636

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	Sembcorp Energy India Ltd Project-II	SR	188	16193455	30051125	4177430	4894573	14625656		6329229	76271467
47	BHAVINI	SR								15369085	15369085
48	Betam	SR								436954	436954
49	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								735364	735364
50	Warora Kurnool Transmission Limited (WKTL)	SR								17507058	17507058
51	West Bengal	ER	2341	102523603	374166265	52013138	60942280	56166523	50140014	1549896	697501720
52	Odisha	ER	1718	82730935	274635211	38177251	44731173	41225804	63912363		545412737
53	Bihar	ER	5960	123746473	952755656	132443292	155179949	143019234	162800753		1669945357
54	Jharkhand	ER	781	32905883	124773493	17344859	20322466	18729891	46083873	8914016	269074480
55	Sikkim	ER	96	1772946	15422180	2143849	2511886	2315041	2428589		26594491
56	DVC	ER	640	44586486	102375895	14231351	16674460	15367762	8476779		201712733
57	Bangladesh	ER	982	15736737	157037285	21829873	25577427	23573045			243754367
58	NTPC, North Karanpura STPP, Jharkhand	ER								11790685	11790685
59	Arunachal Pradesh	NER	231	12979529	36850749	5122651	6002061	6416716	10401622		77773326
60	Assam	NER	1634	43096456	261129588	36299824	42531447	45469748	19352416	917735	448797214
61	Manipur	NER	198	8192429	31701270	4406818	5163340	5520051	2955253		57939161

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		
62	Meghalaya	NER	290	12590130	46415154	6452206	7559862	8082138	354469		81453959
63	Mizoram	NER	130	4188634	20756484	2885375	3380710	3614267	966943		35792413
64	Nagaland	NER	200	5620453	31895544	4433824	5194982	5553880	20571491		73270174
65	Tripura	NER	295	2723830	47156640	6555280	7680631	8211251	21404036		93731668
TOTAL			102473.80	7953794812	16380069421	2277005968	2667901604	4078017163	1665348426	516432013	35538569407

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

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

Sl.No.	Name of Generating Station	State	Capacity	LTA granted	Commissioned capacity	Date of Commercial Operation	Date of LTA Operationalization	Delayed Capacity	Transmission Charges (₹)	Remarks
1	ReNew Power 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	2116266	
2	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1513781	
3	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	10432331	
4	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	213594	
5	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	89162	
6	SJVN Ltd. (Naitwar Mori HEP)	Uttarakhand		60			60MW: 30.09.2022	60	2163352	
7	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	669142	
8	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1089922	
9	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	60551	
10	Adani Wind Energy Kutchh Five Limited	Gujarat		130			130MW: 22.10.2022	130	3935830	
11	Sherisha Rooftop Solar SPV Four Pvt Ltd (LTA taken by South East Central Railways)	Chhattisgarh		50			50 MW: 15.01.2023	50	1311587	

Transmission Charges for Short Term Open Access (STOA)

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	42.57
2	UP	NR	46.47
3	Punjab	NR	50.03
4	Haryana	NR	54.80
5	Chandigarh	NR	45.04
6	Rajasthan	NR	48.69
7	HP	NR	47.42
8	J&K	NR	45.90
9	Uttarakhand	NR	50.08
10	Gujarat	WR	42.05
11	Madhya Pradesh	WR	48.30
12	Maharashtra	WR	55.28
13	Chhattisgarh	WR	36.43
14	Goa	WR	45.40
15	Daman and Diu and Dadra and Nagar Haveli	WR	48.51
16	Andhra Pradesh	SR	77.57
17	Telangana	SR	53.39
18	Tamil Nadu	SR	49.29
19	Kerala	SR	51.61
20	Karnataka	SR	56.36
21	Pondicherry	SR	47.18
22	Goa-SR	SR	39.71
23	West Bengal	ER	41.29
24	Odisha	ER	44.09
25	Bihar	ER	38.91
26	Jharkhand	ER	46.29
27	Sikkim	ER	38.28
28	DVC	ER	43.74
29	Bangladesh	ER	34.46
30	Arunachal Pradesh	NER	46.85
31	Assam	NER	38.08
32	Manipur	NER	40.58
33	Meghalaya	NER	38.96
34	Mizoram	NER	38.28
35	Nagaland	NER	51.00
36	Tripura	NER	44.13

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	8768.43	
2	Delhi	NR	4671.15	
3	Haryana	NR	3791.94	
4	Uttarakhand	NR	1512.40	
5	Punjab	NR	4005.12	
6	Rajasthan	NR	4167.17	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	3787.09	
9	Chandigarh	NR	274.82	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	288.58	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	47.66	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	2.40	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	0.00	
26	Tashiding	NR	0.00	
27	Gujarat	WR	9465.87	
28	Madhya Pradesh	WR	7500.71	
29	Chhattisgarh	WR	2886.74	
30	Maharashtra	WR	6978.73	
31	GOA	WR	512.76	
32	D&D and DNH	WR	1464.05	
33	HVDC Bhadrawathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh

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*
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	332.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	Railways_Gujarat	WR	122.30	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	5859.53	
52	JHARKHAND	ER	708.58	
53	DVC	ER	330.46	
54	ORISSA	ER	1718.12	
55	WEST BENGAL	ER	2339.38	
56	SIKKIM	ER	96.48	
57	Bangladesh	ER	982.43	
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	1563.79	
65	Karnataka	SR	5036.50	
66	KSEB	SR	2762.56	
67	Tamil Nadu	SR	8392.91	
68	Telangana	SR	3904.93	
69	Puducherry	SR	449.32	
70	Goa	SR	91.70	
71	SAIL, Salem	SR	13.65	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*
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	2.53	Tamil Nadu
77	PG-HVDC Thrissur	SR	0.93	Kerala
78	Sembcorp Energy India Ltd Project-I	SR	55.00	
79	Sembcorp Energy India Ltd Project-II	SR	188.00	
80	Arunachal Pradesh	NER	230.54	
81	Assam	NER	1627.26	
82	Manipur	NER	198.32	
83	Meghalaya	NER	290.37	
84	Mizoram	NER	129.85	
85	Nagaland	NER	199.54	
86	Tripura	NER	295.01	
87	PG-HVDC BNC	NER	1.37	Assam
88	Railway_Assam	NER	5.00	Assam

TOTAL

102473.803

****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 Feb'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Feb'23 (₹ Cr)	Equivalent MTC to be considered for Feb'23 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	36505.11	36505.11	2800.39	As per data furnished by ISTS Licensee for Feb'23. 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	47.47	As per data furnished by ISTS Licensee for Feb'23
3	Chhattisgarh-WR Transmission Limited.	168.21	168.21	12.90	As per data furnished by ISTS Licensee for Feb'23
4	Raipur Rajnandgaon-WR Transmission Limited.	223.08	223.08	17.11	As per data furnished by ISTS Licensee for Feb'23
5	Sipat Transmission Limited.	94.92	94.92	7.28	As per data furnished by ISTS Licensee for Feb'23
6	Western Transmission Gujarat Limited	53.00	53.00	4.07	As per data furnished by ISTS Licensee for Feb'23
7	Western Transco Power Limited	97.41	97.41	7.47	As per data furnished by ISTS Licensee for Feb'23
8	Alipurduar Transmission Limited	153.02	153.02	11.74	As per data furnished by ISTS Licensee for Feb'23
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	3.69	As per data furnished by ISTS Licensee for Feb'23
10	North Karanpura Transco Limited	39.01	39.01	2.99	As per data furnished by ISTS Licensee for Feb'23
11	Bikaner-Khetri Transmission Limited	128.95	128.95	9.89	As per data furnished by ISTS Licensee for Feb'23
12	Jam Khambaliya Transco Limited	44.08	44.08	3.38	As per data furnished by ISTS Licensee for Feb'23
13	Lakadia-Banaskantha Transmission Limited	100.28	100.28	7.69	As per data furnished by ISTS Licensee for Feb'23
14	WRSS XXI (A) Transco Limited	122.16	122.16	9.37	As per data furnished by ISTS Licensee for Feb'23
15	Aravali Power Company Private Limited	10.42	10.42	0.80	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
16	Essar Power Transmission Company Limited	405.68	405.68	31.12	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
17	Jindal Power Limited	19.12	19.12	1.47	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
18	Kudgi Transmission Limited	196.29	196.29	15.06	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
19	Parbati Koldam Transmission Company Limited	171.37	171.37	13.15	As per data furnished by ISTS Licensee for Feb'23
20	Bhopal Dhule Transmission Company Ltd.	261.06	261.06	20.03	As per data furnished by ISTS Licensee for Feb'23
21	East North Interconnection Company Limited	145.29	145.29	11.15	As per data furnished by ISTS Licensee for Feb'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Feb'23 (₹ Cr)	Equivalent MTC to be considered for Feb'23 (₹ Cr)	Remarks
22	Gurgaon Palwal Transmission Limited	141.03	141.03	10.82	As per data furnished by ISTS Licensee for Feb'23
23	Jabalpur Transmission Company Limited	147.21	147.21	11.29	As per data furnished by ISTS Licensee for Feb'23
24	Maheshwaram Transmission Limited	56.04	56.04	4.30	As per data furnished by ISTS Licensee for Feb'23
25	Khargone Transmission Company Ltd.	182.22	182.22	13.98	As per data furnished by ISTS Licensee for Feb'23
26	Goa Tamnar Transmission Projects Limited	42.67	42.67	3.27	As per data furnished by ISTS Licensee for Feb'23
27	Mumbai Urja Marg Limited	29.10	29.10	2.23	As per data furnished by ISTS Licensee for Feb'23
28	Lakadia Vadodara Transmission Company Limited	211.63	211.63	16.23	As per data furnished by ISTS Licensee for Feb'23
29	NRSS-XXIX Transmission Limited	503.29	503.29	38.61	As per data furnished by ISTS Licensee for Feb'23
30	Odisha Generation Phase-II Transmission Limited	155.48	155.48	11.93	As per data furnished by ISTS Licensee for Feb'23
31	Patran Transmission Company Limited	30.77	30.77	2.36	As per data furnished by ISTS Licensee for Feb'23
32	Purulia & Kharagpur Transmission Company Limited	72.50	72.50	5.56	As per data furnished by ISTS Licensee for Feb'23
33	Rapp Transmission Company Limited	44.07	44.07	3.38	As per data furnished by ISTS Licensee for Feb'23
34	NER-II Transmission Limited	412.53	412.53	31.65	As per data furnished by ISTS Licensee for Feb'23
35	Teestavalley Power Transmission Limited	257.15	257.15	19.73	As per data furnished by ISTS Licensee for Feb'23
36	Torrent Power Grid Limited	39.40	39.40	3.02	As per data furnished by ISTS Licensee for Feb'23
37	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	10.34	As per data furnished by ISTS Licensee for Feb'23
38	NRSS XXXI (B) Transmission Limited	98.09	98.09	7.52	As per data furnished by ISTS Licensee for Feb'23
39	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)	132.57	132.57	10.17	As per data furnished by ISTS Licensee for Feb'23
40	Kohima Mariani Transmission Limited	237.50	237.50	18.22	As per data furnished by ISTS Licensee for Feb'23
41	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.70	As per data furnished by ISTS Licensee for Feb'23
42	Damodar Valley Corporation	109.09	109.09	8.37	Data not furnished for Feb'23. 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 Feb'23 (₹ Cr)	Equivalent MTC to be considered for Feb'23 (₹ Cr)	Remarks
43	Powerlinks Transmission Limited	137.17	137.17	10.52	As per data furnished by ISTS Licensee for Feb'23
44	NRSS XXXVI Transmission Limited	1.28	1.28	0.10	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
45	Warora-Kurnool Transmission Limited	6.21	6.21	0.48	As per data furnished by ISTS Licensee for Feb'23
46	Powergrid Vizag Transmission Limited	234.75	234.75	18.01	As per data furnished by ISTS Licensee for Feb'23
47	Powergrid NM Transmission Limited	111.53	111.53	8.56	As per data furnished by ISTS Licensee for Feb'23
48	Powergrid Uncharhar Transmission Limited	19.76	19.76	1.52	As per data furnished by ISTS Licensee for Feb'23
49	Powergrid Parli Transmission Limited	326.22	326.22	25.03	As per data furnished by ISTS Licensee for Feb'23
50	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.27	As per data furnished by ISTS Licensee for Feb'23. Bilateral payment of HPSEB is also included in the claimed YTC
51	Powergrid Southern Interconnector Transmission System Limited	462.10	462.10	35.45	As per data furnished by ISTS Licensee for Feb'23
52	Powergrid Jabalpur Transmission Limited	256.43	256.43	19.67	As per data furnished by ISTS Licensee for Feb'23
53	Powergrid Warora Transmission Limited	364.20	364.20	27.94	As per data furnished by ISTS Licensee for Feb'23
54	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	44.47	As per data furnished by ISTS Licensee for Feb'23
55	Powergrid Mithilanchal Transmission Limited	170.00	170.00	13.04	As per data furnished by ISTS Licensee for Feb'23
56	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	4.88	As per data furnished by ISTS Licensee for Feb'23
57	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	8.97	As per data furnished by ISTS Licensee for Feb'23
58	Powergrid Fatehgarh Transmission Limited	74.54	74.54	5.72	As per data furnished by ISTS Licensee for Feb'23
59	Powergrid Khetri Transmission System Ltd.	126.71	126.71	9.72	As per data furnished by ISTS Licensee for Feb'23
60	Powergrid Bhuj Transmission Limited	106.57	106.57	8.18	As per data furnished by ISTS Licensee for Feb'23
61	North East Transmission Company Limited	260.21	260.21	19.96	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
62	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	476.83	81.99	6.29	As per data furnished by ISTS Licensee for Feb'23
63	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	0.96	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
64	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.11	Data not furnished by ISTS Licensee for Feb'23. CERC Tariff Order dated 12.06.2019 has been considered

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Feb'23 (₹ Cr)	Equivalent MTC to be considered for Feb'23 (₹ Cr)	Remarks
65	Delhi Transco Limited	3.12	3.12	0.24	Data not furnished by ISTS Licensee for Feb'23. Data as furnished by ISTS Licensee for Dec'20 has been considered.
66	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.33	As per data furnished by ISTS Licensee for Feb'23. CERC Tariff Order dated 09.11.2021, 25.11.2021 and 13.06.2021 have been considered.
67	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.49	Data not furnished by ISTS Licensee for Feb'23. 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
68	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Feb'23. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
69	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
70	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.20	Data not furnished for Feb'23. Considered the same as in the earlier billing period.
71	Odisha Power Transmission Corporation Limited	9.80	9.67	0.74	Data not furnished by ISTS Licensee for Feb'23. 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.
72	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Feb'23 (₹ Cr)	Equivalent MTC to be considered for Feb'23 (₹ Cr)	Remarks
76	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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
77	Haryana Vidyut Prasaran Nigam Limited	0.34	0.34	0.03	As per data furnished by ISTS Licensee for Feb'23
78	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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
80	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Feb'23. 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 Feb'23 from the claimed assets of ISTS licensees (₹ Crores)

3553.86

Entity-wise details of bilateral billing for February,2023 billing period

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	752088	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	1187047	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	45319242	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	903288	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	1037611	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	30173337		As per Regulation 13(3) of Sharing Regulations 2020
9	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station	Powergrid	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	489118	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
10	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Powergrid	Betam	SR	436954		As per Regulation 13(3) of Sharing Regulations 2020
11	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	15369085		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
12	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Powergrid	Karnataka DISCOMs	SR	759452	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
13	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Powergrid	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	1765074	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
14	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-I	SR	102527		As per Regulation 13(9) of Sharing Regulations 2020
15	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	246565951		--
16	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	1133348	Goa	As per Regulation 13(12) of Sharing Regulations 2020
17	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	9727189	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
18	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
19	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	Powergrid	MB Power	WR	8228392		As per Regulation 13(9) of Sharing Regulations 2020
20	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	Powergrid	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	735364		As per Regulation 13(3) of Sharing Regulations 2020
21	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	917735	Assam	As per Regulation 13(12) of Sharing Regulations 2020
22	04 Nos. 220 kV bays at Dehradun Sub-station	Powergrid	Power Transmission Corporation Of Uttarakhand Limited	NR	2370488	Uttrakhand	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
23	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	6329229		As per Regulation 13(9) of Sharing Regulations 2020
24	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	North karanpura Transco Ltd.	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	8161928	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
25	Mahan Bilaspur Line	Essar Power Transmission Company Ltd.	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	56548859		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
26	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	1697176		As per Regulation 13(3) of Sharing Regulations 2020
27	Establishment of 400 kV Pooling Station at Fatehgarh	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	1035808		As per Regulation 13(3) of Sharing Regulations 2020
28	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		ACME Solar Holdings Pvt. Ltd	NR	1765582		As per Regulation 13(3) of Sharing Regulations 2020
29	2 Nos. 400 kV line bays at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
30	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay			NR			As per Regulation 13(3) of Sharing Regulations 2020
31	Space for future 220kV (12 Nos) Line Bays			NR			As per Regulation 13(3) of Sharing Regulations 2020
32	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
33	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
34	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.			NR			As per Regulation 13(3) of Sharing Regulations 2020
35	400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation;	Powergrid	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR	4123222		As per Regulation 13(3) of Sharing Regulations 2020
36	500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation,			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
37	500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation			NR			As per Regulation 13(3) of Sharing Regulations 2020
38	765/400 kV 1500 MVA ICT along with associated bays at Meerut Sub-station under Transmission System associated with Tehri Pump Storage Plant (PSP)			NR			As per Regulation 13(3) of Sharing Regulations 2020
39	765/400 kV 800 MVA ICTI along with associated bays at Koteswar (Tehri Pooling Station) under Transmission System associated with Tehri Pump Storage Plant (PSP)	Powergrid	THDC India Ltd.	NR	37949282		As per Regulation 13(3) of Sharing Regulations 2020
40	400 kV S/C Tehri (Generation)-Tehri (Koteswar) (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
41	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	11790685		As per Regulation 13(3) of Sharing Regulations 2020
42	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	17507058		As per Regulation 13(12) of Sharing Regulations 2020
43	02 nos. 220 Kv line bays at Rajarhat GIS	Powergrid	WBSETCL	ER	1549896	West Bengal	As per Regulation 13(12) of Sharing Regulations 2020

TOTAL

516432013

Commercial data related to LTA details of exempted Renewable Energy (RE) based generation (Cumulative till Feb'23) as provided by CTU

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 Feb'23)	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 Apr'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 Apr'23 billing month.	Bhuj PS	
	Wind Two Renergy Pvt Ltd	WR	50	50	50MW: UPPCL						50MW: 14.04.2019	50	No billing for Apr'23 billing month.	Bhuj PS	
	Wind Three Renergy Ltd	WR	50	50	50MW: Jharkhand Bikli Vitran Nigam Ltd						50MW: 14.04.2019	50	No billing for Apr'23 billing month.	Bhuj PS	
	Wind Five Renergy Ltd	WR	50	50	50MW: Bihar (NBPDC & SBPDCL)						50MW: 14.04.2019	50	No billing for Apr'23 billing month.	Bhuj PS	
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 Apr'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 Apr'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 Apr'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 Apr'23 billing month		

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 Feb'23)	Remarks	PS	SPD/SPV/Subsidiary
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 Apr'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).		
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 Apr'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 operationalized on existing margin. No billing for Apr'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 Apr'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 Apr'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 Apr'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).		

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 operationlization	Exempted quantum in MW (as on Feb'23)	Remarks	PS	SPD/SPV/Subsidiary
18	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL-500 MW	-	-	-	-	-	0	500 MW: 27.10.19	500	No billing for Apr'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. Ltd.:50MW
20	NTPC Ltd. (Auraiya Solar)	NR	20	20	UPPCL-20MW							15MW: 25.10.2020 5MW: 30.11.2020	20	No billing for Apr'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 Apr'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 Apr'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 commisioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for Apr'23 billing month. Included in Format II G(2).	Bhuj	
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 NBPCL-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	

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 operationlization	Exempted quantum in MW (as on Feb'23)	Remarks	PS	SPD/SPV/Subsidiary
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 Apr'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 Apr'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.
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 Total : 300 MW	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 Hiriyur. 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	Hiriyur	

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 operationlization	Exempted quantum in MW (as on Feb'23)	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 Apr'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 TSNPDCL-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 Apr'23 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDCL-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 TSNPDCL: 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 NBPDCCL: 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 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 Feb'23)	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 Dhaulpur 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 Sustaianble RJProject 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 Projectco 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 Dhaulpur Solar Energy Pvt Ltd

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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 TSNPDC: 38.285MW TANGEDCO: 170MW											11.05.2022	300.0	150MW: 02.12.2021, 50MW: 07.12.2021, 50MW: 13.12.2021, 50MW: 16.12.2021	Fatehgarh-II PS	ReNew Solar Urja Pvt. Ltd.
64	Mahindra Susten Pvt. Ltd.	NR	250.0	250.0	HPPC-250MW											29.06.2022	250.0	175MW: 20.05.2022, 75MW: 17.06.2022. No delay. Hence, no billing.	Bhadla-II PS	Mega Surya Urja Pvt. Ltd.
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	30.6	22.5MW COD: 10.08.2022. 4.5MW COD: 08.09.2022 3.6MW COD: 10.12.2022 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	49.5 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 4.5MW: 08.09.2022 3.6MW: 09.12.2022 18.9MW: 01.02.2023	30.6	22.5MW COD: 10.08.2022. 4.5MW COD: 08.09.2022 3.6MW COD: 10.12.2022 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	49.5 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 4.5MW: 08.09.2022 3.6MW: 09.12.2022 18.9MW: 01.02.2023	30.6	22.5MW COD: 10.08.2022. 4.5MW COD: 08.09.2022 3.6MW COD: 10.12.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd

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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. Effectiveness of LTA has been withdrawn by CTU vide letter dated 31.01.2023 due to non-commissioning of 220kV bays at Bhadla-II PS by POWERGRID.	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	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.
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	

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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 13 MW: 16.02.2023	67.73	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 operationalized w.e.f 16.02.2023 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		
92	South East Central Railway (50MW Solar Plant of Sherisha Rooftop Solar SPV Four Ltd)	WR	50.00	50.00	SECR (NR):25MW SECR (SR) :25MW											50MW: 15.01.2023	0.00	Included in Format- IIG(3)	Raipur SS		
93	Inox Wind Infrastructures Services (1200003385)	WR	300.00	300.00	Upto 22.11.2044: MSEDCL:100MW JBVNL: 200MW For balance period upto 30.10.2046 MSEDCL:100MW ER (Target):200MW											300MW: 01.02.2023	0.00		Bhuj-II PS		
94	Adani Green Energy Limited (1200001826)	WR	300.00	300.00	NR Target: 175MW ER Target: 125MW											300MW: 01.02.2023	0.00		Bhuj-II PS		
	Total		24887.6	23707.3													18708.9				

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

*Waiver Documents not submitted to CTU