



ग्रीड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उपक्रम)

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

[Formerly Power System Operation Corporation Limited (POSOCO)]

राष्ट्रीय भार प्रेषण केन्द्र/ National Load Despatch Centre

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

No: TC/04/2023

Date: 25.04.2023

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 **42nd time block (10:15 Hrs to 10:30 Hrs) on 14th March, 2023** as a peak block for the billing period of Mar'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 17.04.2023 with last date of submission of comments as 19.04.2023.
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 15.04.2023 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.04.2023.
6. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.

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

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25/04/2023

(नीरज कुमार)

महाप्रबंधक/ रा. भा. प्रे. के.

Input Data furnished by DICs/ ISTS Licensees/ CTU

1. As per Regulation 24(1) of Sharing Regulations 2020, some of the ISTS Licensees have submitted YTC data by 31.03.2023. PowerGrid has submitted its YTC and YTC of its SPV's on 04.04.2023. 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 Mar'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
20	Maheshwaram Transmission Limited
21	Khargone Transmission Company Ltd.

Sl. No.	Name of ISTS Licensee
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	Darbhanga-Motihari Transmission Company Limited
32	NRSS XXXI (B) Transmission Limited
33	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)
34	Kohima Mariani Transmission Limited
35	Raichur Sholapur Transmission Company Private Limited
36	Powerlinks Transmission Limited
37	Warora-Kurnool Transmission Limited
38	Powergrid Vizag Transmission Limited
39	Powergrid NM Transmission Limited
40	Powergrid Unchahar Transmission Limited
41	Powergrid Parli Transmission Limited
42	Powergrid Kala Amb Transmission Limited
43	Powergrid Southern Interconnector Transmission System Limited
44	Powergrid Jabalpur Transmission Limited
45	Powergrid Warora Transmission Limited
46	Powergrid Medinipur Jeerat Transmission Limited
47	Powergrid Mithilanchal Transmission Limited
48	Powergrid Ajmer Phagi Transmission Limited

Sl. No.	Name of ISTS Licensee
49	Powergrid Varanasi Transmissoin System Limited
50	Powergrid Fatehgarh Transmission Limited
51	Powergrid Khetri Transmission System Ltd.
52	Powergrid Bhuj Transmission Limited
53	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
54	Power Transmission Corporation Of Uttarakhand Ltd.
55	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 07.04.2023. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 05.04.2023. CTU has submitted data in formats II(C), II(D), II(F) and II-(G1) to II-(G5) on 11.04.2023. Subsequently, CTU has submitted data in formats II(A), II(B) and II(E) on 12.04.2023.

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 07.04.2023 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	Delhi	Nagaland		
5	Goa	Tamil Nadu	Rajasthan	Tripura		
6	D&D and DNH	Vallur(NTECL)	Punjab	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	CGPL	PVG Azure Earth				
12	DB Power Ltd.	Fortum Finnsurya Energy Private Ltd. (Pavagada Solar Park)				
13	DGEN	Yarrow Infra Structure Private Ltd. (Pavagada Solar Park)				
14	Dhariwal	PVG Parampujya				
15	GMR Warora	PVG SBG PAVAGADA				
16	Raipur Energen	Ayana NP Kunta				
17	Jindal Stg-1					
18	JPL Stg-2					
19	Jhabua Power					
20	JP Nigrie					
21	KAPS 1&2					
22	Raigarh Energy					
23	KSK Mahanadi					
24	LANCO					
25	MB Power					
26	Essar Mahan					
27	NSPCL Bhilai					
28	Ratnagiri Dabhol					
29	RKM Power					
30	Sasan UMPP					
31	TAPS (3,4)					
32	TRN Energy					
33	TAPS (1,2)					
34	Naranpar Ostro					
35	ACME RUMS					

36	Mahindra Renewables Pvt. Ltd.					
37	ARINSUM					
38	Bhuvad Renew					
39	Vadwa Green Infra					
40	Roha Green infra					
41	Dayapar Inox					
42	Ratadiya AGEMPL					
43	Alfanar wind					
44	Renew AP2 Gadhsisa					
45	Avikiran					
46	Powerica					
47	SESPL Morjar					
48	SKRPL					
49	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. 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 Mar'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 Mar'23. For the ISTS licensees who have not submitted YTC data for Mar'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 Mar'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 Mar'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 May,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	4689	198733299	830051473	118477448	134622755	245279661	54418605		1581583242
2	UP	NR	9285	476808370	1643700762	234613730	266585304	485712488	141262780	541523	3249224957
3	Punjab	NR	4040	289077237	715188022	102082407	115993507	211337588	111686482		1545365243
4	Haryana	NR	3850	391911976	681573135	97284384	110541642	201404411	185219646		1667935194
5	Chandigarh	NR	275	14793241	48650131	6944079	7890372	14376082	3203196		95857101
6	Rajasthan	NR	4216	325208852	746284256	106520929	121036882	220526504	93231315	2148852	1614957590
7	HP	NR	1683	62428810	297965680	42530150	48325871	88048662	24947419	51489105	615735698
8	J&K	NR	2993	82906972	529830880	75625443	85931168	156564675	55404477		986263615
9	Uttarakhand	NR	1498	129006004	265184683	37851152	43009252	78361899	30233785	2624468	586271243
10	GMR Kamalanga	NR	75	7450617	13276597	1895036	2153279	3923226			28698754
11	WBSEDCL_Inj	NR	600	0	106212777	15160287	17226229	31385805			169985099
12	MB Power	NR	25.0	8884473	4425532	631679	717760	1307742			15967186
13	Northern Railways	NR							2800754		2800754
14	North Central Railways	NR							2082900		2082900
15	RAPP 7&8, NPCIL	NR								33406195	33406195
16	Adani Renewable Energy Park Rajasthan Limited	NR								3025804	3025804
17	ACME Solar Holdings Pvt. Ltd	NR								1954752	1954752
18	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								5025095	5025095

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		
19	THDC India Ltd.	NR								42015277	42015277
20	Gujarat	WR	9878	970458421	1748559832	249580796	283591981	129974582	52104883	10769388	3445039882
21	Madhya Pradesh	WR	7595	656922421	1344510882	191908844	218060885	99940670	126211572		2637555274
22	Maharashtra	WR	7111	1340861408	1258783571	179672551	204157112	93568356	80584232		3157627229
23	Chhattisgarh	WR	2892	132388819	511909533	73067439	83024576	38051445	23032343		861474155
24	Goa	WR	513	41845064	90769351	12955969	14721521	6747100	10592365	1254778	178886149
25	DNHDDPDCL	WR	1464	173719232	259167575	36992300	42033361	19264538	27166061		558343066
26	ACB Ltd	WR	48	8773621	8497022	1212823	1378098	631604			20493168
27	Torrent Power	WR	200	841786	35404259	5053429	5742076	2631682			49673233
28	Sembcorp Energy India Ltd Project-I	WR	115	8094558	20357449	2905722	3301694	1513217			36172640
29	TRN Energy Pvt. Ltd.	WR	3.0	517685	531064	75801	86131	39475			1250157
30	CSPTCL	WR	261	0	46202558	6594725	7493410	3434345			63725038
31	WBSEDCL_Inj	WR	400	0	70808518	10106858	11484153	5263364			97662894
32	GMR Warora Energy Ltd, Maharashtra	WR	45	1407896	7893380	1126662	1280196	586734			12294867
33	DB Power	WR	34	8234365	6054128	864136	981895	450018			16584543
34	MB Power	WR								9110005	9110005
35	Adani Power Limited	WR								272983731	272983731
36	Essar Steel	WR							8805858		8805858
37	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665
38	Andhra Pradesh	SR	1559	488667490	276031182	39399328	44768402	131109743	37048152		1017024296

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		
39	Telangana	SR	3823	549477564	676713004	96590673	109753397	321426250	37459845		1791420733
40	Tamil Nadu	SR	8393	676833238	1485746787	212068160	240967376	705702441	94701954		3416019956
41	Kerala	SR	2780	295358666	492108764	70241175	79813168	233742626	65411995		1236676395
42	Karnataka	SR	5657	638119338	1001428436	142938950	162417704	475660118	107673559	2795011	2531033116
43	Pondicherry	SR	476	11742478	84238326	12023763	13662280	40011658	12854861		174533366
44	Goa-SR	SR	93	3788644	16392888	2339840	2658698	7786321			32966391
45	Sembcorp Energy India Ltd Project-I	SR	55	3871310	9736171	1389693	1579071	4624503		113512	21314260
46	Sembcorp Energy India Ltd Project-II	SR	188	21221344	33280004	4750223	5397552	15807391		7007360	87463874
47	BHAVINI	SR								17015773	17015773
48	Betam	SR								483770	483770
49	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								814153	814153
50	Warora Kurnool Transmission Limited (WKTL)	SR								19382814	19382814
51	West Bengal	ER	2445	126646056	432842033	61781734	70200932	59102248	55512159	1715956	807801118
52	Odisha	ER	1900	170736430	336411527	48017720	54561251	45935181	70760116		726422225
53	Bihar	ER	6291	151687059	1113668339	158959519	180621449	152065411	180243690		1937245468
54	Jharkhand	ER	946	40290266	167382768	23891390	27147147	22855215	51021431	9869089	342457305
55	Sikkim	ER	97	4088278	17185509	2452975	2787250	2346589	2688795		31549396
56	DVC	ER	640	43881045	113375794	16182701	18387970	15480854	9385005		216693368
57	Bangladesh	ER	982	16837034	173908423	24822829	28205517	23746258			267520062
58	NTPC, North Karanpura STPP, Jharkhand	ER								8702696	8702696

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		
59	Arunachal Pradesh	NER	288	9250341	50939670	7270877	8261703	8731290	11516081		95969962
60	Assam	NER	1628	60234628	288221062	41139251	46745430	49402395	21425890	1016063	508184719
61	Manipur	NER	206	9696288	36390527	5194204	5902035	6237501	3271887		66692441
62	Meghalaya	NER	269	18458826	47571521	6790124	7715436	8153974	392447		89082328
63	Mizoram	NER	137	6345719	24239616	3459843	3931327	4154780	1070544		43201829
64	Nagaland	NER	194	6939893	34386653	4908181	5577035	5894028	22775579		80481370
65	Tripura	NER	302	3459577	53515526	7638542	8679471	9172803	23697326		106163246
TOTAL			103137.35	8688906641	18257507584	2605986476	2961112709	4489475448	1841899988	567872837	39412761683

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 delaye

SI.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	2430282	
2	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1738399	
3	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	10417992	
4	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	245288	
5	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	102392	
6	SJVN Ltd. (Naitwar Mori HEP)	Uttrakhand		60			60MW: 30.09.2022	60	2337644	
7	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	699746	
8	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1251647	
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	69536	
10	Adani Wind Energy Kutchh Five Limited	Gujarat		130	118.5	53.6MW: 16.08.2021 14.7MW: 13.10.2021 50.2MW : 05.01.2023	130MW: 22.10.2022	11.5	399832	
11	Sherisha Rooftop Solar SPV Four Pvt Ltd (LTA taken by South East Central Railways)	Chhattisgarh		50			50 MW: 15.01.2023	50	1489514	

Transmission Charges for Short Term Open Access (STOA)

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	46.85
2	UP	NR	48.59
3	Punjab	NR	53.13
4	Haryana	NR	60.17
5	Chandigarh	NR	48.44
6	Rajasthan	NR	53.13
7	HP	NR	46.56
8	J&K	NR	45.77
9	Uttarakhand	NR	54.11
10	Gujarat	WR	48.29
11	Madhya Pradesh	WR	48.23
12	Maharashtra	WR	61.67
13	Chhattisgarh	WR	41.38
14	Goa	WR	48.11
15	Daman and Diu and Dadra and Nagar Haveli	WR	52.97
16	Andhra Pradesh	SR	90.59
17	Telangana	SR	65.09
18	Tamil Nadu	SR	56.53
19	Kerala	SR	61.79
20	Karnataka	SR	62.07
21	Pondicherry	SR	50.94
22	Goa-SR	SR	49.44
23	West Bengal	ER	45.79
24	Odisha	ER	53.09
25	Bihar	ER	42.77
26	Jharkhand	ER	48.85
27	Sikkim	ER	45.14
28	DVC	ER	46.99
29	Bangladesh	ER	37.82
30	Arunachal Pradesh	NER	46.32
31	Assam	NER	43.26
32	Manipur	NER	45.06
33	Meghalaya	NER	46.04
34	Mizoram	NER	43.82
35	Nagaland	NER	57.54
36	Tripura	NER	48.77

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	8821.95	
2	Delhi	NR	4673.99	
3	Haryana	NR	3791.94	
4	Uttarakhand	NR	1498.04	
5	Punjab	NR	4005.12	
6	Rajasthan	NR	4167.18	
7	Himachal Pradesh	NR	1683.22	
8	Jammu & Kashmir	NR	2993.03	
9	Chandigarh	NR	274.83	
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	2.36	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	25.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Gujarat	WR	9742.50	
26	Madhya Pradesh	WR	7262.50	
27	Chhattisgarh	WR	2886.74	
28	Maharashtra	WR	6978.73	
29	GOA	WR	512.76	
30	D&D and DNH	WR	1464.05	
31	HVDC Bhadrawathi	WR	0.91	Maharashtra
32	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
33	BARC Facility	WR	9.10	Maharashtra
34	Heavy Water Plant of DAE	WR	12.88	Gujarat
35	HVDC Champa	WR	3.19	Chhattisgarh
36	HVDC Raigarh	WR	1.88	Chhattisgarh
37	Railways_MP	WR	332.00	Madhya Pradesh
38	Railways_Maharashtra	WR	122.18	Maharashtra

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
39	Railways_Gujarat	WR	122.30	Gujarat
40	ACB Ltd.	WR	48.00	
41	Torrent Power	WR	200.00	
42	DB Power	WR	34.20	
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	6190.24	
49	JHARKHAND	ER	873.55	
50	DVC	ER	330.46	
51	ORISSA	ER	1900.40	
52	WEST BENGAL	ER	2443.73	
53	SIKKIM	ER	97.08	
54	Bangladesh	ER	982.42	
55	TATA Steel Ltd.	ER	200.00	DVC
56	Railways_Bihar	ER	100.00	Bihar
57	Railways_DVC	ER	110.00	DVC
58	Railways_Jharkhand	ER	72.00	Jharkhand
59	HVDC Alipurduar	ER	1.41	West Bengal
60	POWERGRID PUSAULI	ER	0.91	Bihar
61	Andhra Pradesh	SR	1556.97	
62	Karnataka	SR	5645.70	
63	KSEB	SR	2778.95	
64	Tamil Nadu	SR	8376.50	
65	Telangana	SR	3822.78	
66	Puducherry	SR	475.87	
67	Goa	SR	92.60	
68	SAIL, Salem	SR	13.65	Tamil Nadu
69	Railways_Karnataka	SR	10.00	Karnataka
70	PG-HVDC Gazuwaka	SR	0.93	Andhra Pradesh
71	PG-HVDC Talcher	SR	1.41	Andhra Pradesh
72	PG-HVDC Kolar	SR	1.41	Karnataka
73	PG-HVDC Pugalur	SR	2.88	Tamil Nadu
74	PG-HVDC Thrissur	SR	1.00	Kerala
75	Sembcorp Energy India Ltd Project-I	SR	55.00	

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
76	Sembcorp Energy India Ltd Project-II	SR	188.00	
77	Arunachal Pradesh	NER	287.76	
78	Assam	NER	1621.81	
79	Manipur	NER	205.57	
80	Meghalaya	NER	268.73	
81	Mizoram	NER	136.93	
82	Nagaland	NER	194.25	
83	Tripura	NER	302.31	
84	PG-HVDC BNC	NER	1.37	Assam
85	Railway_Assam	NER	5.00	Assam

TOTAL

103137.351

****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 Mar'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	36507.28	36507.28	3100.62	As per data furnished by ISTS Licensee for Mar'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	52.56	As per data furnished by ISTS Licensee for Mar'23
3	Chhattisgarh-WR Transmission Limited.	168.21	168.21	14.29	As per data furnished by ISTS Licensee for Mar'23
4	Raipur Rajnandgaon-WR Transmission Limited.	223.08	223.08	18.95	As per data furnished by ISTS Licensee for Mar'23
5	Sipat Transmission Limited.	94.92	94.92	8.06	As per data furnished by ISTS Licensee for Mar'23
6	Western Transmission Gujarat Limited	53.00	53.00	4.50	As per data furnished by ISTS Licensee for Mar'23
7	Western Transco Power Limited	97.41	97.41	8.27	As per data furnished by ISTS Licensee for Mar'23
8	Alipurduar Transmission Limited	153.02	153.02	13.00	As per data furnished by ISTS Licensee for Mar'23
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	4.08	As per data furnished by ISTS Licensee for Mar'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
10	North Karanpura Transco Limited	39.01	39.01	3.31	As per data furnished by ISTS Licensee for Mar'23
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.95	As per data furnished by ISTS Licensee for Mar'23
12	Jam Khambaliya Transco Limited	44.08	44.08	3.74	As per data furnished by ISTS Licensee for Mar'23
13	Lakadia-Banaskantha Transmission Limited	100.28	100.28	8.52	As per data furnished by ISTS Licensee for Mar'23
14	WRSS XXI (A) Transco Limited	122.16	122.16	10.38	As per data furnished by ISTS Licensee for Mar'23
15	Aravali Power Company Private Limited	10.42	10.42	0.88	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
16	Essar Power Transmission Company Limited	405.68	405.68	34.45	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
17	Jindal Power Limited	19.12	19.12	1.62	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
18	Kudgi Transmission Limited	196.29	196.29	16.67	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
19	Parbati Koldam Transmission Company Limited	171.37	171.37	14.55	As per data furnished by ISTS Licensee for Mar'23
20	Bhopal Dhule Transmission Company Ltd.	261.06	261.06	22.17	As per data furnished by ISTS Licensee for Mar'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
21	East North Interconnection Company Limited	145.29	145.29	12.34	As per data furnished by ISTS Licensee for Mar'23
22	Gurgaon Palwal Transmission Limited	141.03	141.03	11.98	As per data furnished by ISTS Licensee for Mar'23
23	Jabalpur Transmission Company Limited	147.21	147.21	12.50	As per data furnished by ISTS Licensee for Mar'23
24	Maheshwaram Transmission Limited	56.04	56.04	4.76	As per data furnished by ISTS Licensee for Mar'23
25	Khargone Transmission Company Ltd.	182.22	182.22	15.48	As per data furnished by ISTS Licensee for Mar'23
26	Goa Tamnar Transmission Projects Limited	42.67	42.67	3.62	As per data furnished by ISTS Licensee for Mar'23
27	Mumbai Urja Marg Limited	29.10	29.10	2.47	As per data furnished by ISTS Licensee for Mar'23
28	Lakadia Vadodara Transmission Company Limited	230.81	230.81	19.60	As per data furnished by ISTS Licensee for Mar'23
29	NRSS-XXIX Transmission Limited	503.29	503.29	42.75	As per data furnished by ISTS Licensee for Mar'23
30	Odisha Generation Phase-II Transmission Limited	155.48	155.48	13.20	As per data furnished by ISTS Licensee for Mar'23
31	Patran Transmission Company Limited	30.77	30.77	2.61	As per data furnished by ISTS Licensee for Mar'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
32	Purulia & Kharagpur Transmission Company Limited	72.50	72.50	6.16	As per data furnished by ISTS Licensee for Mar'23
33	Rapp Transmission Company Limited	44.07	44.07	3.74	As per data furnished by ISTS Licensee for Mar'23
34	NER-II Transmission Limited	412.53	412.53	35.04	As per data furnished by ISTS Licensee for Mar'23
35	Teestavalley Power Transmission Limited	257.15	257.15	21.84	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
36	Torrent Power Grid Limited	39.40	39.40	3.35	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
37	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.44	As per data furnished by ISTS Licensee for Mar'23
38	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.33	As per data furnished by ISTS Licensee for Mar'23
39	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)	132.57	132.57	11.26	As per data furnished by ISTS Licensee for Mar'23
40	Kohima Mariani Transmission Limited	237.50	237.50	20.17	As per data furnished by ISTS Licensee for Mar'23
41	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Mar'23
42	Damodar Valley Corporation	109.09	109.09	9.26	Data not furnished for Mar'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 Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
43	Powerlinks Transmission Limited	137.17	137.17	11.65	As per data furnished by ISTS Licensee for Mar'23
44	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
45	Warora-Kurnool Transmission Limited	6.21	6.21	0.53	As per data furnished by ISTS Licensee for Mar'23
46	Powergrid Vizag Transmission Limited	234.79	234.79	19.94	As per data furnished by ISTS Licensee for Mar'23
47	Powergrid NM Transmission Limited	168.42	168.42	14.30	As per data furnished by ISTS Licensee for Mar'23
48	Powergrid Unchahar Transmission Limited	19.76	19.76	1.68	As per data furnished by ISTS Licensee for Mar'23
49	Powergrid Parli Transmission Limited	326.22	326.22	27.71	As per data furnished by ISTS Licensee for Mar'23
50	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.83	As per data furnished by ISTS Licensee for Mar'23. Bilateral payment of HPSEB is also included in the claimed YTC
51	Powergrid Southern Interconnector Transmission System Limited	462.10	462.10	39.25	As per data furnished by ISTS Licensee for Mar'23
52	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.78	As per data furnished by ISTS Licensee for Mar'23
53	Powergrid Warora Transmission Limited	364.20	364.20	30.93	As per data furnished by ISTS Licensee for Mar'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
54	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	49.23	As per data furnished by ISTS Licensee for Mar'23
55	Powergrid Mithilanchal Transmission Limited	170.00	170.00	14.44	As per data furnished by ISTS Licensee for Mar'23
56	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.40	As per data furnished by ISTS Licensee for Mar'23
57	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.93	As per data furnished by ISTS Licensee for Mar'23
58	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.33	As per data furnished by ISTS Licensee for Mar'23
59	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.76	As per data furnished by ISTS Licensee for Mar'23
60	Powergrid Bhuj Transmission Limited	106.57	106.57	9.05	As per data furnished by ISTS Licensee for Mar'23
61	North East Transmission Company Limited	260.21	260.21	22.10	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
62	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	476.83	81.99	6.96	As per data furnished by ISTS Licensee for Mar'23
63	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.06	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
64	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Mar'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 Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
65	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Mar'23. Data as furnished by ISTS Licensee for Dec'20 has been considered.
66	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.69	As per data furnished by ISTS Licensee for Mar'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	0.54	Data not furnished by ISTS Licensee for Mar'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 Mar'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 Mar'23. Considered the same as in the earlier billing period.
70	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.22	Data not furnished for Mar'23. Considered the same as in the earlier billing period.
71	Odisha Power Transmission Corporation Limited	9.80	9.67	0.82	Data not furnished by ISTS Licensee for Mar'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 Mar'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 Mar'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 Mar'23 (₹ Cr)	Equivalent MTC to be considered for Mar'23 (₹ Cr)	Remarks
74	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Mar'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 Mar'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
76	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Mar'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 Mar'23
78	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Mar'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 Mar'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 Mar'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 Mar'23 from the claimed assets of ISTS licensees
(₹ Crores)

3941.28

Entity-wise details of bilateral billing for March,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	832668	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
2	04 Nos. 220 KV Bays at Daltonganj Sub-station;	Powergrid					
3	220 kV, 2 nos. Line bays at Hamirpur Sub-station	Powergrid	Himachal Pradesh Power Transmission Corporation Limited (HPPTCL)	NR	1314230	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
4	02 Nos. 220 KV Line Bays (HPSEB Future Bays)	Powergrid	Himachal Pradesh State Electricity Board (HPSEB)	NR	50174875	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
5	GIS substation 7X105 MVA (1-ph), 400/220 kV at Kala Amb (Himachal Pradesh) and LILO of Karcham Wangtoo - Abdullapur 400 kV D/C	Powergrid					As per Regulation 13(12) of Sharing Regulations 2020
6	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Powergrid	Rajasthan DISCOMs	NR	1000068	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
7	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Powergrid	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL)	NR	1148784	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
8	400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota)	Powergrid	RAPP 7&8, NPCIL	NR	33406195		As per Regulation 13(3) of Sharing Regulations 2020
9	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	541523	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	483770		As per Regulation 13(3) of Sharing Regulations 2020
11	Asset 1. Kalpakkam PFBR-Sirucheru 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 Nabhiyaya Vidyut Nigam Limited (BHAVINI)	SR	17015773		As per Regulation 13(3) of Sharing Regulations 2020
12	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
13	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Powergrid	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	1954189	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
14	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-I	SR	113512		As per Regulation 13(9) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
15	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	272983731		--
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	1254778	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		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	10769388	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	9110005		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	814153		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	1016063	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	2624468	Uttrakhand	As per Regulation 13(12) of Sharing Regulations 2020
23	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	7007360		As per Regulation 13(9) of Sharing Regulations 2020
24	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	North Karanpura Transco Ltd.	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	9036420	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
25	Mahan Bilaspur Line	Essar Power Transmission Company Ltd.	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	62607665		As per CERC order dated 14.03.2020 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2020
26	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	1879017		As per Regulation 13(3) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
27	Establishment of 400 kV Pooling Station at Fatehgarh	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	1146788		As per Regulation 13(3) of Sharing Regulations 2020
28	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		ACME Solar Holdings Pvt. Ltd	NR	1954752		As per Regulation 13(3) of Sharing Regulations 2020
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	5025095		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
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 Substation under Transmission System associated with Tehri Pump Storage Plant (PSP)	Powergrid	THDC India Ltd.	NR	42015277		As per Regulation 13(3) of Sharing Regulations 2020
39	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
40	400 kV S/C Tehri (Generation)-Tehri (Koteshwar) (Quad) line along with associated bays at both ends under Transmission system associated with Tehri Pump Storage Plant (PSP)			NR			As per Regulation 13(3) of Sharing Regulations 2020
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	8702696		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	19382814		As per Regulation 13(12) of Sharing Regulations 2020
43	02 nos. 220 Kv line bays at Rajarhat GIS	Powergrid	WBSETCL	ER	1715956	West Bengal	As per Regulation 13(12) of Sharing Regulations 2020
TOTAL					567872837		

Commercial data related to LTA details of exempted Renewable Energy (RE) based generation (Cumulative till Mar'23)

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)	Quantum for target regions (MW)- for LTA with untied beneficiaries (if any)					Effective date of LTA/MTOA operationalization	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 May'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 May'23 billing month.	Bhuj PS	
	Wind Two Renergy Pvt Ltd	WR	50	50	50MW: UPPCL						50MW: 14.04.2019	50	No billing for May'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 May'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 May'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 (NBPDCCL & SBPDCL)	-	-	-	-	0	300 MW: 04.11.19	300	No billing for May'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 May'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 May'23 billing month		
10	Alfanar Energy Pvt. Limited	WR	300	300	BRPL -150 MW, BYPL -50 MW, TPDDL - 50 MW, Bihar - 50 MW	-	-	-	-	0	100MW: 31.01.20; 50MW: 15.02.20; 50MW: 28.02.20; 36MW: 06.10.20; 36MW: 20.10.20; 28MW: 10.02.21	300	No billing for May'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)	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 May'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	

S.No	Name of the LTA customer (RE Injecting utility) & 2nd to GRIDCO)	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
			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 May'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 May'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 May'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 May'23 billing month.			
17	Betam Wind Energy Private Limited	SR	250.2	250.2	Bihar - 50.2 MW, Odisha-100 MW, UPPCL -100 MW	-	-	-	-	-	-	-	-	0	250.2 MW:31.07.19	218.2	LTA was granted on existing margins. However, CERC in tariff petition 172/TT/2018 has linked the LTA to 2X500MVA, 400/230kV ICTs at Tirunelveli Pool (Tuticorin-II). Therefore, Betam is not included in FORMAT II-G(3).			
18	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL-500 MW	-	-	-	-	-	-	-	-	0	500 MW: 27.10.19	500	No billing for May'23 billing month.	Bhadla	Claea 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 May'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 May'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 May'23 billing month. Included in Format II G(2).	Bhuj		
23	Continuum Power Trading (TN) Pvt. Ltd	WR	50	50	MPPMCL										15.02.2021	50	32MW RE Capacity commissioned wef 12/4/21 18MW RE Capacity commissioned wef 22/4/21 No Billing for May'23 billing month. Included in Format II G(2).	Bhuj		
24	Avikiran Solar India Private Ltd.. (ASIPL)	WR	285	285	MSEDCL-100MW MPPMCL-185MW										09.05.2021	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		

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)	Quantum for target regions (MW)- for LTA with untied beneficiaries (if any)				Effective date of LTA/MTOA operationalization	Exempted quantum in MW (as on Feb'23)	Remarks	PS	SPD/SPV/Subsidiary
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).	Bhuj	
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). 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 May'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 May'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	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: 27.07.22 125.7 MW: 02.11.22 Total : 300 MW	199.5	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	
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 May'23 billing month.	Bikaner	Azure Power Forty Three 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
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 TSNPDCCL-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 May'23 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDCCL-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 TSNPDCCL: 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
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 NBPDCCL: 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 TSNPDCCL-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 (TSNPDCCL)	WR	16.5	16.5	TSNPDCCL					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	

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56	POWERICA Ltd.	WR	50.6	50.6	UPPCL					24.3MW: 07.05.2022 26.3MW: 20.08.2022	50.6	Bilateral billing on behalf 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 23.3MW COD: 18.08.2022	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 (TSNPDCCL)	WR	5.89	5.89	TSNPDCCL					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 NBPDCCL: 69MW SBPDCL: 81MW Puduchery: 50MW					11.05.2022	0	Included in Format II G (1).	Fatehgarh	ACME Dhulpur Solar Energy Pvt Ltd
61	Adani Renewable Energy Holding One Ltd.	NR	390	390	HPPC-390MW					11.05.2022	390	50MW:17.08.21; 52.19MW: 12.04.22; 92.81MW:27.05.22; 50MW: 14.08.21; 143.64MW: 27.05.22; 1.36MW: 28.05.22; Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. Commissioning certificate 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 TSNPDCCL: 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 3.6MW: 10.12.2022 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	NBPDCCL (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

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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
69	Rajasthan Solar Park Development Company Ltd. (Nokh Solar Park)	NR	925.0	0.0	NA					01.08.2022 08.03.2023	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. Subsequently, based on information by POWERGRID, LTA has been made effective w.e.f. 08.03.2023 vide letter dated 07.03.2023	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	
83	Adani Wind Energy Kutchn Five Limited (1200003017)	WR	130.0	130.0	UPPCL: 130MW					22.10.2022	118.5	53.6MW: 16.08.2021 (COD) 14.7MW: 13.10.2021 (COD) 50.2MW : 05.01.2023 (COD) Included in Format II G (3) 130MW LTA has been operationalized w.e.f 22.10.2022	Bhuj PS	

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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 vide CTU letter dated 14.02.2023 on the existing margins. 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							18827.4			

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