



**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 March, 2023**

**No: TC/02/2023**

**Date: 25.02.2023**

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 **47<sup>th</sup> time block (11:30 Hrs to 11:45 Hrs) on 06<sup>th</sup> January, 2023** as a peak block for the billing period of Jan'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 15.02.2023 with last date of submission of comments as 17.02.2023. 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 15.02.2023 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.02.2023.
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 March'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 March'23 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of March'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 Jan'23 is given at **Annexure-VIII**.

*Suman*  
25/02/2023

(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 31.01.2023. Darbhanga-Motihari Transmission Co. Ltd. and NRSS XXXI (B) Transmission Ltd. have submitted its YTC on 01.02.2023. Adani Transmission Limited has submitted its YTC on 02.02.2023. PowerGrid has submitted its YTC and YTC of its SPV's on 02.02.2023. Further, PowerGrid submitted its revised YTC on 03.02.2023. Torrent Power Grid Ltd. has submitted its YTC on 03.02.2023. Teestavalley Power Transmission Limited has submitted its revised YTC on 08.02.2023. And Powergrid Himachal Transmission Ltd. has submitted its YTC on 15.02.2023. 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 Jan'23**

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

Sl. No.	Name of ISTS Licensee
18	Gurgaon Palwal Transmission Limited
19	Jabalpur Transmission Company Limited
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

Sl. No.	Name of ISTS Licensee
45	Powergrid Southern Interconnector Transmission System Limited
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	North East Transmission Company Limited
56	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
57	Power Transmission Corporation Of Uttarakhand Ltd.

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 07.02.2023. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 04.02.2023. CTU has submitted data in formats II(C), II(D) and II-(G2) to II-(G5) on 08.02.2023. Subsequently, CTU has submitted data in formats II(A), II(B), II(E), II(F) and II-(G1) on 09.02.2023.

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 07.02.2023 is as mentioned below:

S.NO.	WR	SR	NR	NER	ER	Others
1	Chattisgarh	Andhra Pradesh	Uttar Pradesh	Assam	Odisha	
2	Gujarat	Telangana	Haryana	Manipur		
3	MP	Karnataka	Himachal Pradesh	Meghalaya		
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)	ReNew Solar Power Private Limited			
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	ACME RUMS					
38	Mahindra Renewables Pvt. Ltd.					
39	ARINSUM					
40	Bhuvad Renew					
41	Vadwa Green Infra					
42	Roha Green infra					
43	Dayapar Inox					
44	Ratadiya AGEMPL					
45	Alfanar wind					
46	Renew AP2 Gadhsisa					
47	Avikiran					
48	Powerica					
49	SESPL Morjar					
50	SKRPL					
51	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 Jan'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 Jan'23. For the ISTS licensees who have not submitted YTC data for Jan'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 Jan'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 Jan'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 March,2023**

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
1	Delhi	NR	4690	283167338	818488431	107557683	128264795	242176418	56095194		1635749859
2	UP	NR	9298	689928682	1622679866	213236596	254289117	480122604	138940582	2863721	3402061169
3	Punjab	NR	4040	341956345	705078250	92654435	110492359	208620328	111170264		1569971979
4	Haryana	NR	3677	422967548	641624704	84315995	100548594	189845533	185937902		1625240277
5	Chandigarh	NR	275	42307932	47961486	6302626	7516014	14190965	3203196		121482218
6	Rajasthan	NR	4216	359222743	735733724	96682875	115296358	217690747	93231315	2148852	1620006613
7	HP	NR	1683	161016817	293752664	38602080	46033791	86916278	24947419	51489105	702758154
8	J&K	NR	3787	269057064	660921586	86851801	103572596	195555143	55404477		1371362668
9	Uttarakhand	NR	1402	132683995	244747591	32162316	38354237	72416534	30233785	2624468	553222927
10	GMR Kamalanga	NR	75	6789856	13088924	1720017	2051157	3872784			27522737
11	WBSEDCL_Inj	NR	600	0	104711390	13760139	16409255	30982270			165863053
12	Jorthang	NR	86.4	341032	15078440	1981460	2362933	4461447			24225312
13	Tashiding	NR	87.3	685356	15235507	2002100	2387547	4507920			24818430
14	MB Power	NR	25.0	6936119	4362975	573339	683719	1290928			13847079
15	Northern Railways	NR							2800754		2800754
16	North Central Railways	NR							2082900		2082900
17	RAPP 7&8, NPCIL	NR								33406195	33406195
18	Adani Renewable Energy Park Rajasthan Limited	NR								3025804	3025804
19	ACME Solar Holdings Pvt. Ltd	NR								1954752	1954752
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4564996	4564996

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
21	THDC India Ltd.	NR								42015277	42015277
22	Gujarat	WR	9437	916176743	1646873788	216415923	258080531	125392039	52104883	10769388	3225813293
23	Madhya Pradesh	WR	7848	1025718008	1369673928	179989049	214640720	104286198	126046613		3020354516
24	Maharashtra	WR	7111	1199759068	1240991068	163078816	194474911	94488358	80584232		2973376453
25	Chhattisgarh	WR	2892	100333438	504673726	66319247	79087095	38425572	23032343		811871421
26	Goa	WR	513	59531545	89485311	11759278	14023186	6813361	10592365	1254778	193459825
27	DNHDDPDCL	WR	1464	177136846	255504116	33575833	40039886	19453939	27166061		552876680
28	ACB Ltd	WR	48	9431145	8376911	1100811	1312740	637813			20859421
29	Torrent Power	WR	200	0	34903797	4586713	5469752	2657555			47617817
30	Sembcorp Energy India Ltd Project-I	WR	115	9351062	20069683	2637360	3145107	1528094			36731307
31	TRN Energy Pvt. Ltd.	WR	3.0	601061	523557	68801	82046	39863			1315328
32	CSPTCL	WR	261	0	45549455	5985660	7138026	3468110			62141251
33	WBSEDCL_Inj	WR	400	0	69807593	9173426	10939503	5315111			95235633
34	GMR Warora Energy Ltd, Maharashtra	WR	45	2126418	7781801	1022608	1219481	592502			12742810
35	DB Power	WR	34	8001918	5968549	784328	935328	454442			16144565
36	MB Power	WR								9110005	9110005
37	Adani Power Limited	WR								285612071	285612071
38	Essar Steel	WR							8805858		8805858
39	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665
40	Andhra Pradesh	SR	1594	430303397	278171957	36554617	43592148	110326581	37048152		935996853

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		
41	Telangana	SR	3804	420788061	663929030	87247010	104043891	263322803	37459845		1576790639
42	Tamil Nadu	SR	8483	553612611	1480437176	194544464	231998357	587160449	94701954		3142455011
43	Kerala	SR	2771	179727665	483541662	63542280	75775502	191778850	65411995		1059777954
44	Karnataka	SR	5100	482642798	890116627	116970355	139489604	353031717	107673559	2795011	2092719669
45	Pondicherry	SR	458	17624889	79901600	10499881	12521328	31690004	12854861		165092563
46	Goa-SR	SR	93	0	16194672	2128144	2537857	6423015			27283688
47	Sembcorp Energy India Ltd Project-I	SR	55	4472247	9598544	1261346	1504182	3806906		113512	20756737
48	Sembcorp Energy India Ltd Project-II	SR	188	21993630	32809569	4311510	5141566	13012698		7007360	84276334
49	BHAVINI	SR								17015773	17015773
50	Betam	SR								483770	483770
51	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471
52	Warora Kurnool Transmission Limited (WKTL)	SR								19382814	19382814
53	West Bengal	ER	2368	75986283	413254561	54305842	64760856	62608927	48976889		719893358
54	Odisha	ER	1737	77754746	303103170	39830831	47499103	45920761	70760116		584868728
55	Bihar	ER	5974	229309972	1042563969	137003482	163379528	157950612	180243690		1910451254
56	Jharkhand	ER	780	43754060	136182951	17895821	21341143	20632001	51021431	9869089	300696496
57	Sikkim	ER	97	3734766	16904113	2221372	2649033	2561008	2688795		30759087
58	DVC	ER	640	65328773	111773153	14688126	17515899	16933865	9385005		235624821
59	Bangladesh	ER	982	7766261	171453425	22530719	26868356	25975551			254594312

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		
60	NTPC, North Karanpura STPP, Jharkhand	ER								13053973	13053973
61	Arunachal Pradesh	NER	231	9750273	40233342	5287069	6304941	7061447	11516081		80153153
62	Assam	NER	1652	39425296	288246479	37878512	45170920	50590805	21425890	1016063	483753965
63	Manipur	NER	198	10526342	34611183	4548261	5423896	6074689	3271887		64456258
64	Meghalaya	NER	290	13624121	50675681	6659299	7941353	8894206	392447		88187106
65	Mizoram	NER	130	5496261	22661758	2977985	3551309	3977417	1070544		39735274
66	Nagaland	NER	200	6839173	34823290	4576134	5457135	6111916	22775579		80583228
67	Tripura	NER	295	2743722	51485228	6765681	8068217	9036291	23697326		101796465
<b>TOTAL</b>			<b>102431.96</b>	<b>8928433422</b>	<b>17876321963</b>	<b>2349130057</b>	<b>2801386906</b>	<b>4141085372</b>	<b>1834756188</b>	<b>585460912</b>	<b>38516574821</b>

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

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

Sl.No.	Name of Generating Station	State	Capacity	LTA granted	Commissioned capacity	Date of Commercial Operation	Date of LTA Operationalization	Delayed Capacity	Transmission Charges (₹)	Remarks
1	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	2381477	
2	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1703489	
3	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	11545285	
4	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	240362	
5	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	100335	
6	SJVN Ltd. (Naitwar Mori HEP)	Uttrakhand		60			60MW: 30.09.2022	60	2355649	
7	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	731166	
8	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1226512	
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	68140	
10	Adani Wind Energy Kutchh Five Limited	Gujarat		130			130MW: 22.10.2022	130	4429071	
11	Sherisha Rooftop Solar SPV Four Pvt Ltd (LTA taken by South East Central Railways)	Chhattisgarh		50			50 MW: 15.01.2023	50	769797	Charges corresponding to 50MW computed for 17 day

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

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	48.44
2	UP	NR	50.78
3	Punjab	NR	53.97
4	Haryana	NR	61.40
5	Chandigarh	NR	61.39
6	Rajasthan	NR	53.30
7	HP	NR	53.74
8	J&K	NR	50.29
9	Uttarakhand	NR	54.53
10	Gujarat	WR	47.32
11	Madhya Pradesh	WR	53.45
12	Maharashtra	WR	58.08
13	Chhattisgarh	WR	38.99
14	Goa	WR	52.06
15	Daman and Diu and Dadra and Nagar Haveli	WR	52.45
16	Andhra Pradesh	SR	81.56
17	Telangana	SR	57.57
18	Tamil Nadu	SR	51.45
19	Kerala	SR	53.12
20	Karnataka	SR	56.91
21	Pondicherry	SR	50.08
22	Goa-SR	SR	40.84
23	West Bengal	ER	42.22
24	Odisha	ER	46.77
25	Bihar	ER	44.42
26	Jharkhand	ER	51.76
27	Sikkim	ER	44.11
28	DVC	ER	51.10
29	Bangladesh	ER	35.99
30	Arunachal Pradesh	NER	48.29
31	Assam	NER	40.59
32	Manipur	NER	45.14
33	Meghalaya	NER	42.18
34	Mizoram	NER	42.50
35	Nagaland	NER	56.09
36	Tripura	NER	47.92



**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	8782.87	
2	Delhi	NR	4674.97	
3	Haryana	NR	3618.24	
4	Uttarakhand	NR	1402.41	
5	Punjab	NR	4005.12	
6	Rajasthan	NR	4167.17	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	3787.10	
9	Chandigarh	NR	274.82	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	340.30	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	86.40	
26	Tashiding	NR	87.30	
27	Gujarat	WR	9393.77	
28	Madhya Pradesh	WR	7515.59	
29	Chhattisgarh	WR	2886.74	
30	Maharashtra	WR	6978.74	
31	GOA	WR	512.75	
32	D&D and DNH	WR	1464.05	
33	HVDC Bhadrawathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
39	Railways_MP	WR	332.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	Railways_Gujarat	WR	30.00	Gujarat
42	ACB Ltd.	WR	48.00	
43	Torrent Power	WR	200.00	
44	DB Power	WR	34.20	
45	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
46	CSPTCL	WR	261.00	
47	TRN Energy Pvt. Ltd.	WR	3.00	
48	Sembcorp Energy India Ltd	WR	115.00	
49	WBSEDCL	WR	400.00	
50	BIHAR	ER	5873.02	
51	JHARKHAND	ER	708.33	
52	DVC	ER	330.46	
53	ORISSA	ER	1736.79	
54	WEST BENGAL	ER	2366.56	
55	SIKKIM	ER	96.86	
56	Bangladesh	ER	982.43	
57	TATA Steel Ltd.	ER	200.00	DVC
58	Railways_Bihar	ER	100.00	Bihar
59	Railways_DVC	ER	110.00	DVC
60	Railways_Jharkhand	ER	72.00	Jharkhand
61	HVDC Alipurduar	ER	1.41	West Bengal
62	POWERGRID PUSAULI	ER	0.91	Bihar
63	Andhra Pradesh	SR	1591.46	
64	Karnataka	SR	5088.90	
65	KSEB	SR	2769.74	
66	Tamil Nadu	SR	8466.52	
67	Telangana	SR	3804.34	
68	Puducherry	SR	457.84	
69	Goa	SR	92.80	
70	SAIL, Salem	SR	13.65	Tamil Nadu
71	Railways_Karnataka	SR	10.00	Karnataka
72	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
73	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
74	PG-HVDC Kolar	SR	1.50	Karnataka
75	PG-HVDC Pugalur	SR	2.78	Tamil Nadu
76	PG-HVDC Thrissur	SR	0.97	Kerala

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
77	Sembcorp Energy India Ltd Project-I	SR	55.00	
78	Sembcorp Energy India Ltd Project-II	SR	188.00	
79	Arunachal Pradesh	NER	230.54	
80	Assam	NER	1645.30	
81	Manipur	NER	198.32	
82	Meghalaya	NER	290.37	
83	Mizoram	NER	129.85	
84	Nagaland	NER	199.54	
85	Tripura	NER	295.01	
86	PG-HVDC BNC	NER	1.37	Assam
87	Railway_Assam	NER	5.00	Assam

**TOTAL**

**102431.962**

***\*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 Jan'23**

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	35720.81	35720.81	3033.82	As per data furnished by ISTS Licensee for Jan'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 Jan'23
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	14.01	As per data furnished by ISTS Licensee for Jan'23
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.66	As per data furnished by ISTS Licensee for Jan'23
5	Sipat Transmission Limited.	94.92	94.92	8.06	As per data furnished by ISTS Licensee for Jan'23
6	Western Transmission Gujarat Limited	53.00	53.00	4.50	As per data furnished by ISTS Licensee for Jan'23
7	Western Transco Power Limited	97.41	97.41	8.27	As per data furnished by ISTS Licensee for Jan'23
8	Alipurduar Transmission Limited	153.02	153.02	13.00	As per data furnished by ISTS Licensee for Jan'23
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	4.08	As per data furnished by ISTS Licensee for Jan'23
10	North Karanpura Transco Limited	39.01	39.01	3.31	As per data furnished by ISTS Licensee for Jan'23
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.95	As per data furnished by ISTS Licensee for Jan'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
12	Jam Khambaliya Transco Limited	44.08	44.08	3.60	As per data furnished by ISTS Licensee for Jan'23. As informed by Jam Khambaliya Transco Ltd. vide email dtd. 07.02.2023, YTC of "1x500 MVA, 400/220 ICT at CGPL Mundra switchyard" is to be considered w.e.f 15.01.2023. Hence, YTC considered for 17 days for Jan'23 billing period.
13	Lakadia-Banaskantha Transmission Limited	100.28	100.28	8.52	As per data furnished by ISTS Licensee for Jan'23
14	WRSS XXI (A) Transco Limited	122.16	122.16	10.38	As per data furnished by ISTS Licensee for Jan'23
15	Aravali Power Company Private Limited	10.42	10.42	0.88	Data not furnished for Jan'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 Jan'23. Considered the same as in the earlier billing period.
17	Jindal Power Limited	19.12	19.12	1.62	Data not furnished for Jan'23. Considered the same as in the earlier billing period.
18	Kudgi Transmission Limited	196.29	196.29	16.67	Data not furnished for Jan'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 Jan'23
20	Bhopal Dhule Transmission Company Ltd.	261.06	261.06	22.17	As per data furnished by ISTS Licensee for Jan'23
21	East North Interconnection Company Limited	145.29	145.29	12.34	As per data furnished by ISTS Licensee for Jan'23
22	Gurgaon Palwal Transmission Limited	141.03	141.03	11.98	As per data furnished by ISTS Licensee for Jan'23
23	Jabalpur Transmission Company Limited	147.21	147.21	12.50	As per data furnished by ISTS Licensee for Jan'23
24	Maheshwaram Transmission Limited	56.04	56.04	4.76	As per data furnished by ISTS Licensee for Jan'23
25	Khargone Transmission Company Ltd.	182.22	182.22	15.48	As per data furnished by ISTS Licensee for Jan'23
26	Goa Tamnar Transmission Projects Limited	42.67	42.67	3.62	As per data furnished by ISTS Licensee for Jan'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
27	Mumbai Urja Marg Limited	29.10	29.10	2.47	As per data furnished by ISTS Licensee for Jan'23
28	Lakadia Vadodara Transmission Company Limited	211.63	211.63	2.32	As per data furnished by ISTS Licensee for Jan'23. All the elements commissioned on 28.01.2023. Hence YTC considered for 4 days for billing period Jan'23.
29	NRSS-XXIX Transmission Limited	503.29	503.29	42.75	As per data furnished by ISTS Licensee for Jan'23
30	Odisha Generation Phase-II Transmission Limited	155.48	155.48	13.20	As per data furnished by ISTS Licensee for Jan'23
31	Patran Transmission Company Limited	30.77	30.77	2.61	As per data furnished by ISTS Licensee for Jan'23
32	Purulia & Kharagpur Transmission Company Limited	72.50	72.50	6.16	As per data furnished by ISTS Licensee for Jan'23
33	Rapp Transmission Company Limited	44.07	44.07	3.74	As per data furnished by ISTS Licensee for Jan'23
34	NER-II Transmission Limited	412.53	412.53	35.04	As per data furnished by ISTS Licensee for Jan'23
35	Teestavalley Power Transmission Limited	257.15	257.15	21.84	As per data furnished by ISTS Licensee for Jan'23
36	Torrent Power Grid Limited	39.40	39.40	3.35	As per data furnished by ISTS Licensee for Jan'23
37	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.44	As per data furnished by ISTS Licensee for Jan'23
38	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.33	As per data furnished by ISTS Licensee for Jan'23
39	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)	132.57	132.57	11.26	Data not furnished for Jan'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 Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
40	Kohima Mariani Transmission Limited	237.50	237.50	20.17	As per data furnished by ISTS Licensee for Jan'23
41	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Jan'23
42	Damodar Valley Corporation	109.09	109.09	9.26	Data not furnished for Jan'23. Considered the same as in the earlier billing period.
43	Powerlinks Transmission Limited	137.17	137.17	11.65	As per data furnished by ISTS Licensee for Jan'23
44	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Jan'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 Jan'23
46	Powergrid Vizag Transmission Limited	234.71	234.71	19.93	As per data furnished by ISTS Licensee for Jan'23
47	Powergrid NM Transmission Limited	111.51	111.51	9.47	As per data furnished by ISTS Licensee for Jan'23
48	Powergrid Unchahar Transmission Limited	19.76	19.76	1.68	As per data furnished by ISTS Licensee for Jan'23
49	Powergrid Parli Transmission Limited	326.22	326.22	27.71	As per data furnished by ISTS Licensee for Jan'23
50	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.83	As per data furnished by ISTS Licensee for Jan'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 Jan'23
52	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.78	As per data furnished by ISTS Licensee for Jan'23

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
53	Powergrid Warora Transmission Limited	364.20	364.20	30.93	As per data furnished by ISTS Licensee for Jan'23
54	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	49.23	As per data furnished by ISTS Licensee for Jan'23
55	Powergrid Mithilanchal Transmission Limited	170.00	170.00	14.44	As per data furnished by ISTS Licensee for Jan'23
56	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.40	As per data furnished by ISTS Licensee for Jan'23
57	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.93	As per data furnished by ISTS Licensee for Jan'23
58	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.33	As per data furnished by ISTS Licensee for Jan'23
59	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.76	As per data furnished by ISTS Licensee for Jan'23
60	Powergrid Bhuj Transmission Limited	106.57	106.57	9.05	As per data furnished by ISTS Licensee for Jan'23
61	North East Transmission Company Limited	260.21	260.21	22.10	As per data furnished by ISTS Licensee for Jan'23
62	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	476.83	81.99	6.96	As per data furnished by ISTS Licensee for Jan'23
63	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.06	Data not furnished for Jan'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 Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
64	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Jan'23. CERC Tariff Order dated 12.06.2019 has been considered
65	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Jan'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 Jan'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 Jan'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 Jan'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 Jan'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 Jan'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 Jan'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 Jan'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 Jan'23 (₹ Cr)	Equivalent MTC to be considered for Jan'23 (₹ Cr)	Remarks
73	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Jan'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 Jan'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 Jan'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 Jan'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	Data not furnished for Jan'23. Considered the same as in the earlier billing period.
78	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Jan'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 Jan'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 Jan'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 Jan'23 from the claimed assets of ISTS licensees (₹ Crores)

**3851.66**

## Entity-wise details of bilateral billing for January,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 (RRVNL)	NR	1148784	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
8	400KV D/C Kota - Jaipur (South) line along with associated bays at Kota and Jaipur(South) (part of RAPPJaipur (S) 400KV D/C line with one ckt LILO at Kota)	Powergrid	RAPP 7&8, NPCIL	NR	33406195		As per Regulation 13(3) of Sharing Regulations 2020
9	One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation	Powergrid	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	2863721	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
10	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation						
11	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station						

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	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Powergrid	Betam	SR	483770		As per Regulation 13(3) of Sharing Regulations 2020
13	Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line, Asset 3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	Powergrid	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	17015773		As per Regulation 13(3) of Sharing Regulations 2020
14	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Powergrid	Karnataka DISCOMs	SR	840822	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
15	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Powergrid	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	1954189	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
16	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-I	SR	113512		As per Regulation 13(9) of Sharing Regulations 2020
17	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	285612071		--
18	2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa- (Colvale) (Powergrid)-Tuem 220 kV D/C line)	Powergrid	Goa Electricity Department (GED), Goa	WR	1254778	Goa	As per Regulation 13(12) of Sharing Regulations 2020
19	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 Kv line bays at Banaskantha (PG) under Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR	10769388	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
20	Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS-Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR		Gujarat	As per Regulation 13(3) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
21	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	Powergrid	MB Power	WR	9110005		As per Regulation 13(9) of Sharing Regulations 2020
22	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	Powergrid	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1276471		As per Regulation 13(3) of Sharing Regulations 2020
23	LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)-Itanagar at Gohpur(AEGCL)	NER-II Transmission Ltd	Assam Electricity Grid Corporation Limited (AEGCL)	NER	1016063	Assam	As per Regulation 13(12) of Sharing Regulations 2020
24	04 Nos. 220 kV bays at Dehradun Sub-station	Powergrid	Power Transmission Corporation Of Uttarakhand Limited	NR	2624468	Uttrakhand	As per Regulation 13(12) of Sharing Regulations 2020
25	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	7007360		As per Regulation 13(9) of Sharing Regulations 2020
26	ICTs at 400/220 kV, 2x500 MVA Dhanbad sub-station	North karanpura Transco Ltd.	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	9036420	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
27	Mahan Bilaspur Line	Essar Power Transmission Company Ltd.	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR	62607665		As per CERC order dated 14.03.2020 in Petition No. 145/TT/2018 Along with IA No.89/IA/2018, IA No. 47/IA/2020 & IA No.75/IA/2020
28	2 numbers 400 kV line bays at Bhadla (POWERGRID) Sub-station	Powergrid	Adani Renewable Energy Park Rajasthan Limited	NR	1879017		As per Regulation 13(3) of Sharing Regulations 2020
29	Establishment of 400 kV Pooling Station at Fatehgarh	Fatehgarh Badhla Transmission Limited	Adani Renewable Energy Park Rajasthan Limited	NR	1146788		As per Regulation 13(3) of Sharing Regulations 2020
30	Fatehgarh Pooling Station – Bhadla (PG) 765 kV D/C line (To be operated at 400 kV)		ACME Solar Holdings Pvt. Ltd	NR	1954752		As per Regulation 13(3) of Sharing Regulations 2020
31	2 Nos. 400 kV line bays at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
32	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay			NR			As per Regulation 13(3) of Sharing Regulations 2020
33	Space for future 220kV (12 Nos) Line Bays			NR			As per Regulation 13(3) of Sharing Regulations 2020
34	Space for future 400kV (8 Nos) Line Bays alongwith line reactors at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
35	Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.			NR			As per Regulation 13(3) of Sharing Regulations 2020
36	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.			NR			As per Regulation 13(3) of Sharing Regulations 2020

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	400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation;	Powergrid	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR	4564996		As per Regulation 13(3) of Sharing Regulations 2020
38	500 MVA ICT-III along with associated bays at Bhadla (POWERGRID) Substation,			NR			As per Regulation 13(3) of Sharing Regulations 2020
39	500 MVA ICT-I along with associated bays at Bhadla (POWERGRID) Substation			NR			As per Regulation 13(3) of Sharing Regulations 2020
40	765/400 kV 1500 MVA ICT along with associated bays at Meerut Sub-station under Transmission System associated with Tehri Pump Storage Plant (PSP)	Powergrid	THDC India Ltd.	NR	42015277		As per Regulation 13(3) of Sharing Regulations 2020
41	765/400 kV 800 MVA ICTI along with associated bays at Koteshwar (Tehri Pooling Station) under Transmission System associated with Tehri Pump Storage Plant (PSP)			NR			As per Regulation 13(3) of Sharing Regulations 2020
42	400 kV S/C Tehri (Generation)-Tehri (Koteshwar) (Quad) line along with associated bays at both ends under Transmission system associated with Tehri Pump Storage Plant (PSP)			NR			As per Regulation 13(3) of Sharing Regulations 2020
43	400 kV D/C North Karanpura-Chandwa (Jharkhand) Pooling Station line with quad moose conductor	North karanpura Transco Ltd.	NTPC, North Karanpura STPP, Jharkhand	ER	13053973		As per Regulation 13(3) of Sharing Regulations 2020
44	04 Nos. Line Bays (GIS) at (Hyderabad) Maheshwaram 765/400 kV SS, 02 Nos Line Bays at Warangal 400/220 kV SS and Balance items (PLCC, Telecom equipment and Line Terminal equipment such as LA, CVT & Wave Trap) at Kurnool 765/400 kV SS	Powergrid	Warora Kurnool Transmission Limited (WKTL)	SR	19382814		As per Regulation 13(12) of Sharing Regulations 2020

**TOTAL**

**585460912**

## Commercial data related to LTA details of exempted Renewable Energy (RE) based generation (Cumulative till Jan'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 operationlization	Exempted quantum in MW (as on Jan'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 Mar'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 Mar'23 billing month.	Bhuj PS	
	Wind Two Renergy Pvt Ltd	WR	50	50	50MW: UPPCL						50MW: 14.04.2019	50	No billing for Mar'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 Mar'23 billing month.	Bhuj PS	
	Wind Five Renergy Ltd	WR	50	50	50MW: Bihar (NBPDC & SBPDCL)						50MW: 14.04.2019	50	No billing for Mar'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 Mar'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 Mar'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 Mar'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 Mar'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 Mar'23 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Already included in Format II G(2).		

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)						Effective date of LTA/MTOA operartionlization	Exempted quantum in MW (as on Jan'23)	Remarks	PS	SPD/SPV/Subsidiary
11	ReNew Wind Energy (AP2) Private Limited (2 separate LTA grants, 1 to Haryana & 2nd to GRIDCO)	WR	262.5	262.5	Haryana	-	-	-	-	-	0	50 MW:25.02.20; 100 MW: 20.09.20; 20: 03.12.20; 40: 10.12.20; 43.75: 20.12.20 4.375: 27.01.21 4.375: 19.02.21	262.5	No billing for Mar'23 billing month. Billing for prior mismatch period will be raised upon receipt of approved CERC tariff order for ATS. Included in Format II G(2).	Bhuj	
			37.5	37.5	GRIDCO								30: 10.12.2020 6.25: 20.12.2020 0.625: 27.01.21 0.625: 19.02.21	37.5	LTA operaionalized on existing margin. No billing for Mar'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 Mar'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 Mar'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 Mar'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 Mar'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 Mar'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 Mar'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 operationization	Exempted quantum in MW (as on Jan'23)	Remarks	PS	SPD/SPV/Subsidiary
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 Mar'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 Mar'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	
25	Essel Saurya Urja Company of Rajasthan Ltd.	NR	750	750	PSPCL-300MW NBPDCL-207MW SBPDCL-243MW		01.06.2021	300	Included in Format II G (1).	Bhadla	SB Energy Six Pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW
26	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL		01.07.2021	75	MTOA was operational upto 30-Jun-2021. Now. The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2).	Bhuj	
27	Adani Renewable Energy Park Rajasthan Ltd.	NR	1000	996	TSSPDCL-208.82MW TSNPDCCL-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 Mar'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 Mar'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.

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 Jan'23)	Remarks	PS	SPD/SPV/Subsidiary
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 <b>Total : 300 MW</b>	199.5	Part LTA of 174.3 MW was operationalized based on the margins available in the existing transmission network. Further, balance LTA of 125.7 MW operationalized on commissioning of 400/220kV, 1X500 MVA 3rd ICT at Hiriya. 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	Hiriya	
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 Mar'23 billing month.	Bikaner	Azure Power Forty Three Pvt. Ltd.
37	Avaada Energy Pvt. Ltd.	NR	100 MW out of 350MW	350.0	MSEDCL-350MW					100MW: 03.11.2021	100.0	100MW COD w.e.f. 03.11.2021	Bikaner	Avaada Sunce Energy Pvt. Ltd.
38	Ayana Renewable Power One Pvt. Ltd.	NR	300.0	300.0	MPPMCL-300MW					300MW: 23.12.2021	300.0	300MW COD: 22.12.2021	Bikaner	Ayana Renewable Power One Pvt. Ltd.
39	Avaada Energy Pvt. Ltd.	NR	50 MW out of 350MW	-	MSEDCL-350MW					50MW:07.01.2022	50.0	Additional 50MW 50MW COD w.e.f. 07.01.2022	Bikaner	Avaada Sunce Energy Pvt. Ltd.
40	Avaada Energy Pvt. Ltd.	NR	100 MW out of 300MW	300.0	TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW					100MW:18.01.2022	100.0	100MW COD w.e.f. 14.01.2022	Bikaner	Avaada Sustainable 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 Mar'23 billing month	Bikaner	Avaada Sunce Energy Pvt. Ltd.
44	Avaada Energy Pvt. Ltd.	NR	40 MW out of 300MW	-	TSSPDCL-98.77 TSNPDC-41.23MW, TANGEDCO-160MW					40MW:08.02.2022	40.0	40MW COD w.e.f. 08.02.2022	Bikaner	Avaada Sustainable 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.

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Quntum for target regions (MW)- for LTA with untied beneficiaries (if any)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Jan'23)	Remarks	PS	SPD/SPV/Subsidiary
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 Raisalr 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 Dhaultpur 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	
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 (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 Dhaultpur 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 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 22.5MW: 08.12.2022	30.6	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 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	30.6 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	30.6	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 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	30.6 out of 49.5	49.5	BRPL(22.5MW), Delhi (upto-14.03.2047), for balance period upto-01.03.2047 - NR target (22.5MW)									22.5MW: 05.08.2022 4.5MW: 08.09.2022 3.6MW: 09.12.2022	30.6	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 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									<del>01.08.2022</del>	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.

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70	Azure Power India Pvt. Ltd.	NR	300.0	300.0	GRIDCO-300MW												25.09.2021	300.0	150MW: 15.12.20, 100MW: 31.01.21, 50MW: 09.02.21 Also included in Format II G (2)	Bikaner	Azure Power Forty Three Pvt Ltd
71	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.	NR	300.0	300.0	NBPDC & SBPDCL												250MW: 25.09.2021, 50MW: 14.11.2021	300.0	150MW: 13.08.21, 50MW: 17.08.21, 50MW: 06.09.21, 50MW: 05.10.21 Also included in Format II G (2)	Fatehgarh-II PS	Renew Sun Waves Private Limited
72	Eden Renewable Cite Pvt. Ltd.	NR	300.0	300.0	BRPL-250MW, BYPL-50MW												250MW: 25.09.2021, 50MW: 14.11.2021	300.0	300MW: 13.08.21 Also included in Format II G (2)	Fatehgarh-II PS	Applicant
73	ACME Solar Holdings Pvt. Ltd.	NR	250.0	250.0	MSEDCL-250MW												29.10.2021	250.0	100MW: 20.10.2019, 130MW: 26.10.2019, 20MW: 01.01.2020 Also included in Format II G (2)	Bhadla	ACME Chhitgarh 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 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 Puduchery: 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.

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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 (TSPDCL)	SR	67.73	67.73	TSPDCL											54.73 MW: 15.12.2022	54.73	Part LTA of 54.73 MW out of total LTA of 67.73 from NTPC solar generation project at Tuticorin-II was operationalized w.e.f. 15.12.2022 vide CTU letter dated 13.12.2022 on the existing margins. Balance LTA of 13 MW will be operationalized with the commissioning of 400/230kV, 1x500 MVA 4th ICT at Tuticorin-II.  67.73 MW: 15.12.2022 (COD)	Tuticorin-II	
90	Torrent Power Limited (1200003754)	WR	115.00	115.00	HPPC											115MW: 16.12.2022	0.00	-	Jam Khambhaliya PS	
91	Adani Renewable Energy Holding Nineteen Ltd.	NR	450.00	450.00	CSPDCL-400MW, HPPC-50MW											04.12.2022	450.00	450MW: 04.12.2022.	Fatehgarh-II PS	
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	
	<b>Total</b>		<b>23442.6</b>	<b>23107.3</b>													<b>18695.9</b>			

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

\*Waiver Documents not submitted to CTU