



ग्रिड-इंडिया
GRID-INDIA

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 January, 2023

No: TC/12/2022

Date: 25.12.2022

1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICs/ States, CTU as per the Regulations.
2. As per Regulation 24(1), all entities whose transmission elements have declared COD during the billing period shall submit to the Implementing Agency, network data, date(s) of commercial operation of the new transmission element and Yearly Transmission Charge (YTC) of such transmission element in the format stipulated by the Implementing Agency, on or before the end of the billing period.
3. As per Regulation 24(2), Implementing Agency shall publish the peak block of the billing period on the first day of the month following the billing period. Accordingly, NLDC had identified **75th time block (18:30 Hrs to 18:45 Hrs) on 22nd November,2022** as a peak block for the billing period of Nov'22 and published the information of peak block on GRID-INDIA website. Details of the inputs from entities have been received as per the stipulated timelines is enclosed as **Annexure-I**.
4. Based on the inputs furnished by ISTS licensees, Monthly Transmission Charges (MTC) to be considered in the computations have been shared with all ISTS licensees/ deemed ISTS licensees for review and comments on 19.12.2022 with last date of submission of comments as 20.12.2022.
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 15.12.2022 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.12.2022.
6. CTU vide letter with no. CTU/N/07/NLDC dated 14.12.2022 regarding exemption of LTA quantum from Central generating stations in Uttar Pradesh of Northern region has requested Implementing Agency to exempt the share of Uttar Pradesh from Unchahar Stage-2. Accordingly, the share of Uttar Pradesh from Unchahar Stage-2 has been excluded for the computation of transmission charges for billing month January,2023.
7. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.

8. Accordingly, the transmission charges are hereby notified for the billing month of January'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 January'23 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of January'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 Nov'22 is given at **Annexure-VIII**.
 - l) CTU letter no. CTU/N/07/NLDC dated 14.12.2022 regarding exemption of ISTS charges for Uttar Pradesh share from Unchahar-II generating station in Northern Region at **Annexure-IX**.



(एस. सी. सक्सेना)

मुख्य 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 30.11.2022. Transmission assets of Adani Transmission Limited and PowerGrid have submitted its YTC and YTC of its SPV's on 01.12.2022. Sterlite Power has submitted YTC of its SPV's on 02.12.2022. Power Transmission Corporation of Uttarakhand Ltd. has submitted YTC on 05.12.2022. Chhattisgarh State Power Transmission Company Ltd has submitted YTC on 07.12.2022. Transmission Corporation Of Andhra Pradesh Limited has submitted its revised YTC on 07.12.2022. Powergrid Himachal Transmission Limited has submitted YTC on 15.12.2022. The list of ISTS licensees that have submitted YTC data is mentioned as below.

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

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	Kudgi Transmission Limited
16	Parbati Koldam Transmission Company Limited
17	Bhopal Dhule Transmission Company Ltd.

Sl. No.	Name of ISTS Licensee
18	East North Interconnection Company Limited
19	Gurgaon Palwal Transmission Limited
20	Jabalpur Transmission Company Limited
21	Maheshwaram Transmission Limited
22	Khargone Transmission Company Ltd.
23	Goa Tamnar Transmission Projects Limited
24	Mumbai Urja Marg 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	Darbhanga-Motihari Transmission Company Limited
33	NRSS XXXI (B) Transmission Limited
34	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)
35	Kohima Mariani Transmission Limited
36	Raichur Sholapur Transmission Company Private Limited
37	Powerlinks Transmission Limited
38	Warora-Kurnool Transmission Limited
39	Powergrid Vizag Transmission Limited
40	Powergrid NM Transmission Limited
41	Powergrid Unchahar Transmission Limited
42	Powergrid Parli Transmission Limited
43	Powergrid Kala Amb Transmission Limited
44	Powergrid Southern Interconnector Transmission System Limited
45	Powergrid Jabalpur Transmission Limited

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

2. As per Sharing Regulations 2020 and NLDC notified Procedure for collection of data and information, CTU shall submit all required data and information as stipulated in Formats II(A) to II(G) within 7 days after the end of the billing period i.e. by 07.12.2022. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 02.12.2022. CTU has submitted data in formats II(A), II(B), II(C), II(D), II(E), II(F), II-(G1), II-(G2) to II-(G5) on 08.12.2022.

3. As per Regulation 24(4) and NLDC notified Procedure for collection of data and information, DICs shall submit the required information to the Implementing Agency as stipulated in Formats III and IV for the billing period within 7 days after end of the billing period. The list of the DICs that have submitted the data by 07.11.2022 is as mentioned below:

S.NO.	WR	SR	NR	NER	ER	Others
1	Chattisgarh	Andhra Pradesh	Uttar Pradesh	Assam	Odisha	NHPC
2	Gujarat	Telangana	Haryana	Manipur		
3	MP	Karnataka	Himachal Pradesh	Meghalaya		
4	Maharashtra	Kerala	Delhi	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)	ERCPL (Eden Renewables Cite Pvt Ltd)			
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					
17	Raipur Energen					
18	Jindal Stg-1					
19	JPL Stg-2					
20	Jhabua Power					
21	JP Nigrie					
22	KAPS 1&2					
23	Raigarh Energy					
24	KSK Mahanadi					
25	LANCO					
26	MB Power					
27	Essar Mahan					
28	NSPCL Bhilai					

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

Methodology of the computations and assumptions followed in the basic network

a) Modeling of the Basic Network

- A. The All India network was modeled with the help of network data and node wise generation and demand data furnished by DICs. Wherever network data has not been provided by DICs, network data already available at RLDCs/NLDC has been considered. Wherever technical parameters were not furnished, standard parameters as per CEA Manual on Transmission Planning Criteria have been used.
- B. Certain Transmission Lines included in the basic network were partly owned by ISTS Licensee and partly by STUs. There were cases where the existing lines originally owned by one utility have been made LILO by other utility. In cases where the line originally owned by ISTS Licensee has been made LILO by STU, the Monthly Transmission Charge for the entire line has been considered (including the section owned by STU). In cases where the line originally owned by STU has been made LILO by ISTS Licensee, the Monthly Transmission Charge for the entire line has not been considered.
- C. All India basic network up to 66/ 33 kV level and at some nodes even till 0.4 kV level has been prepared. As per the Sharing Regulations 2020, basic network means power system at voltage levels of 110 kV and above, containing all power system elements including generating station and transmission systems.
- D. In line with Sharing Regulations 2020, all India basic network has been truncated to 110 kV level. Power flow into lower voltage system has been considered as load at the substation at truncated point. Power flow from a lower voltage system has been considered as generation at the substation at truncated point.
- E. To account for the transmission losses of the truncated lower voltage network and to ensure state drawal as per SEM data corresponding to peak block, minor adjustments in states generation has been done.
- F. Interstate generating Stations (ISGS) connected at 220kV and below voltage level are created as separate control areas.
- G. 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 Nov'22.
- C. Wherever node wise generation and demand data has not been provided by DICs, SEM data/ SCADA data available with NLDC/RLDCs has been considered. In the absence of SEM/ SCADA data, the node wise generation and demand data as available from TTC/ ATC base case / recently submitted base case of states has been considered.

c) Commercial Data considered in the computations

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

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

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

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

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

d) Computation of Usage part of AC system charges

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

Transmission Charges for Designated ISTS Customers (DICs) for the billing month of January,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	254694334	769377402	100673280	116774844	240859327	53749097		1536128284
2	UP	NR	9368	867264583	1536939521	201109030	233274167	481150366	134458628	2771342	3456967637
3	Punjab	NR	4040	84164055	662851124	86734283	100606460	207510482	101435576		1243301978
4	Haryana	NR	3677	314859900	603196147	78928410	91552125	188835047	179735890		1457107519
5	Chandigarh	NR	275	6108986	45182389	5912130	6857709	14144683	3021680		81227577
6	Rajasthan	NR	4178	897509241	685489559	89696529	104042484	214597613	89989292	2079534	2083404252
7	HP	NR	1683	36124908	276159351	36135540	41915015	86453742	24005837	49828166	550622559
8	J&K	NR	2996	85314545	491614700	64327942	74616475	153903644	53617236		923394542
9	Uttarakhand	NR	1228	129205623	201467485	26362085	30578405	63070897	29258501	2539808	482482806
10	GMR Kamalanga	NR	75	4154343	12305007	1610114	1867634	3852174			23789272
11	WBSEDCL_Inj	NR	600	0	98440059	12880913	14941071	30817394			157079437
12	Jorthang	NR	86.4	11333172	14175369	1854852	2151514	4437705			33952611
13	Tashiding	NR	87.3	0	14323029	1874173	2173926	4483931			22855058
14	MB Power	NR	25.0	7418737	4101669	536705	622545	1284058			13963714
15	Northern Railways	NR							2442120		2442120
16	North Central Railways	NR							2015710		2015710
17	RAPP 7&8, NPCIL	NR								32328575	32328575
18	Adani Renewable Energy Park Rajasthan Limited	NR								2928198	2928198
19	ACME Solar Holdings Pvt. Ltd	NR								1891695	1891695
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4417738	4417738
21	THDC India Ltd.	NR								40659945	40659945

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		
22	Gujarat	WR	9612	1249016341	1577004428	206351536	239355153	122266067	50424080	10838868	3455256474
23	Madhya Pradesh	WR	7871	992749426	1291410750	168981512	196008212	100123824	121980593		2871254317
24	Maharashtra	WR	7111	1054088389	1166634207	152654461	177069832	90449826	77984740		2718881454
25	Chhattisgarh	WR	2892	91747149	474444816	62081257	72010458	36783981	22289364		759357024
26	Goa	WR	513	47037950	84131288	11008606	12769309	6522747	10250676	1214301	172934878
27	DNHDDPDCL	WR	1464	181882413	240228172	31433934	36461439	18625029	26289736		534920723
28	ACB Ltd	WR	48	17818688	7875205	1030473	1195286	610569			28530221
29	Torrent Power	WR	200	461179	32813353	4293638	4980357	2544038			45092565
30	Sembcorp Energy India Ltd Project-I	WR	115	9870434	18867678	2468842	2863705	1462822			35533481
31	TRN Energy Pvt. Ltd.	WR	3.0	547257	492200	64405	74705	38161			1216728
32	CSPTCL	WR	261	0	42821426	5603197	6499366	3319970			58243959
33	WBSEDCL_Inj	WR	400	0	65626706	8587276	9960714	5088077			89262772
34	GMR Warora Energy Ltd, Maharashtra	WR	45	3599280	7315737	957267	1110371	567193			13549847
35	DB Power	WR	34	11682823	5611083	734212	851641	435031			19314790
36	MB Power	WR								8816134	8816134
37	Adani Power Limited	WR								276398778	276398778
38	Essar Steel	WR							8521798		8521798
39	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								60588063	60588063
40	Andhra Pradesh	SR	1857	332528739	304658225	39864627	46240527	90271397	34412384		847975899
41	Telangana	SR	3633	285815620	596082949	77997646	90472495	176621658	34417888		1261408257
42	Tamil Nadu	SR	8541	676989335	1401213356	183349218	212673872	415184878	91647052		2981057710
43	Kerala	SR	2785	251960254	456889221	59784101	69345899	135378024	50263809		1023621309

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		
44	Karnataka	SR	5315	525880158	872057681	114109028	132359489	258394027	98688576	2704849	2004193808
45	Pondicherry	SR	518	15165584	84942345	11114733	12892410	25168742	12440188		161724001
46	Goa-SR	SR	91	3653300	14882996	1947445	2258917	4409889			27152546
47	Sembcorp Energy India Ltd Project-I	SR	55	4720642	9023672	1180750	1369598	2673749		109851	19078262
48	Sembcorp Energy India Ltd Project-II	SR	388	59301204	63657905	8329657	9661893	18862081		6781317	166594056
49	BHAVINI	SR								19808877	19808877
50	Betam	SR								468165	468165
51	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1235294	1235294
52	West Bengal	ER	2409	84376516	395281827	51722754	59995229	62714420	45447953	1112548	700651247
53	Odisha	ER	1766	139136430	289726724	37910835	43974248	45967313	68735664		625451214
54	Bihar	ER	6003	234808357	984836969	128866234	149476945	156251755	169402842		1823643101
55	Jharkhand	ER	780	31290390	128026737	16752340	19431689	20312400	49418656	9550731	274782944
56	Sikkim	ER	97	1664464	15891699	2079434	2412016	2521337	2602059		27171009
57	DVC	ER	640	47163984	105078882	13749605	15948701	16671551	9082263		207694986
58	Bangladesh	ER	782	9644217	128371454	16797446	19484009	20367092			194664218
59	Arunachal Pradesh	NER	288	2060739	47211873	6177689	7165741	8449465	11144595		82210100
60	Assam	NER	1628	44256667	267138866	34955207	40545900	47809595	20734732	983287	456424255
61	Manipur	NER	206	8747821	33727445	4413247	5119096	6036170	3166342		61210121
62	Meghalaya	NER	269	15501495	44090207	5769218	6691939	7890783	379788		80323430
63	Mizoram	NER	137	6060171	22465746	2939650	3409814	4020674	1036011		39932065
64	Nagaland	NER	194	5137125	31870216	4170228	4837209	5703783	22040883		73759445
65	Tripura	NER	302	3318331	49599226	6490075	7528089	8876728	22932896		98745345
TOTAL			102260.97	9147835299	16777626077	2195357766	2546480650	3624795906	1739465137	540056065	36571616900

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

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

Sl.No.	Name of Generating Station	State	Capacity	LTA granted	Commissioned capacity	Date of Commercial Operation	Date of LTA Operationalization	Delayed Capacity	Transmission Charges (₹)	Remarks
1	Ostro Kutch Wind Private Ltd	Gujarat		300	46.2	11 MW: 13.11.2021; 11MW: 04.12.2021, 13.2MW: 30.03.2022 11MW: 10.05.2022	50MW: 14.04.19	3.8	136172	
2	ReNew Power Limited	Gujarat		300	230.1	126MW:18.05.19 58.5MW: 01.10.19 27.6MW: 02.09.20 18MW: 07.02.2021	300MW: 01.05.19	69.9	2504844	
3	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1791734	
4	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	10943321	
5	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	252814	
6	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	105533	
7	SJVN Ltd. (Naitwar Mori HEP)	Uttarakhand		60			60MW: 30.09.2022	60	2345074	
8	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	737464	
9	Netra Wind Pvt Ltd	Gujarat		300			300MW: 22.10.2022	300	10750403	
10	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1290048	
11	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	71669	
12	Adani Wind Energy Kutchh Five Limited	Gujarat		130			130MW: 22.10.2022	130	4658508	

Transmission Charges for Short Term Open Access (STOA)

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	45.50
2	UP	NR	51.21
3	Punjab	NR	42.74
4	Haryana	NR	55.05
5	Chandigarh	NR	40.97
6	Rajasthan	NR	69.19
7	HP	NR	41.32
8	J&K	NR	42.80
9	Uttarakhand	NR	54.28
10	Gujarat	WR	49.77
11	Madhya Pradesh	WR	50.66
12	Maharashtra	WR	53.11
13	Chhattisgarh	WR	36.47
14	Goa	WR	46.51
15	Daman and Diu and Dadra and Nagar Haveli	WR	50.74
16	Andhra Pradesh	SR	63.42
17	Telangana	SR	48.22
18	Tamil Nadu	SR	48.48
19	Kerala	SR	51.05
20	Karnataka	SR	52.30
21	Pondicherry	SR	43.38
22	Goa-SR	SR	41.57
23	West Bengal	ER	40.33
24	Odisha	ER	49.19
25	Bihar	ER	42.20
26	Jharkhand	ER	47.21
27	Sikkim	ER	38.96
28	DVC	ER	45.04
29	Bangladesh	ER	34.55
30	Arunachal Pradesh	NER	39.68
31	Assam	NER	38.85
32	Manipur	NER	41.35
33	Meghalaya	NER	41.51
34	Mizoram	NER	40.50
35	Nagaland	NER	52.74
36	Tripura	NER	45.37

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	8874.56	
2	Delhi	NR	4674.42	
3	Haryana	NR	3618.23	
4	Uttarakhand	NR	1227.96	
5	Punjab	NR	4005.13	
6	Rajasthan	NR	4167.16	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	2996.43	
9	Chandigarh	NR	275.39	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	318.41	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	10.00	Rajasthan
15	Railways_Punjab	NR	35.00	Punjab
16	PG-Rihand	NR	0.74	Uttar Pradesh
17	PG-Dadri	NR	0.76	Uttar Pradesh
18	PG-Agra	NR	2.36	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	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	9599.09	
28	Madhya Pradesh	WR	7538.56	
29	Chhattisgarh	WR	2886.72	
30	Maharashtra	WR	6978.54	
31	GOA	WR	512.79	
32	D&D and DNH	WR	1464.21	
33	HVDC Bhadravathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
39	Railways_MP	WR	332.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	ACB Ltd.	WR	48.00	
42	JINDAL	WR	0.00	
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	5901.75	
51	JHARKHAND	ER	708.33	
52	DVC	ER	330.46	
53	ORISSA	ER	1765.91	
54	WEST BENGAL	ER	2407.87	
55	SIKKIM	ER	96.86	
56	Bangladesh	ER	782.43	
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	1854.46	
64	Karnataka	SR	5303.76	
65	KSEB	SR	2783.67	
66	Tamil Nadu	SR	8523.97	
67	Telangana	SR	3633.17	
68	Puducherry	SR	517.73	
69	Goa	SR	90.71	
70	SAIL, Salem	SR	13.65	Tamil Nadu
71	Railways_Karnataka	SR	10.00	Karnataka
72	PG-HVDC Gazuwaka	SR	0.95	Andhra Pradesh
73	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
74	PG-HVDC Kolar	SR	1.50	Karnataka
75	PG-HVDC Pugalur	SR	2.89	Tamil Nadu
76	PG-HVDC Thrissur	SR	1.10	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	388.00	
79	Arunachal Pradesh	NER	287.76	
80	Assam	NER	1621.87	
81	Manipur	NER	205.57	
82	Meghalaya	NER	268.73	
83	Mizoram	NER	136.93	
84	Nagaland	NER	194.25	
85	Tripura	NER	302.31	
86	PG-HVDC BNC	NER	1.37	Assam
87	Railway_Assam	NER	5.00	Assam

TOTAL

102260.967

****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 Nov'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Nov'22 (₹ Cr)	Equivalent MTC to be considered for Nov'22 (₹ Cr)	Remarks
1	Powergrid Corporation Of India Ltd	34900.53	34900.53	2868.54	As per data furnished by ISTS Licensee for Nov'22. MTC of the assets listed under Regulation 13(3) shall be partly settled through the bilateral payments from respective entities as detailed in the transmission charges bill. PowerGrid assets for bilateral payments as mentioned in format I-C are also included in this total YTC claimed.
2	Adani Transmission (India) Limited	618.87	618.87	50.87	As per data furnished by ISTS Licensee for Nov'22
3	Chhattisgarh-WR Transmission Limited.	165.00	165.00	13.56	As per data furnished by ISTS Licensee for Nov'22
4	Raipur Rajnandgaon-WR Transmission Limited.	219.74	219.74	18.06	As per data furnished by ISTS Licensee for Nov'22
5	Sipat Transmission Limited.	94.92	94.92	7.80	As per data furnished by ISTS Licensee for Nov'22
6	Western Transmission Gujarat Limited	53.00	53.00	4.36	As per data furnished by ISTS Licensee for Nov'22
7	Western Transco Power Limited	97.41	97.41	8.01	As per data furnished by ISTS Licensee for Nov'22
8	Alipurduar Transmission Limited	153.02	153.02	12.58	As per data furnished by ISTS Licensee for Nov'22
9	Fatehgarh-Bhadla Transmission Ltd.	48.09	48.09	3.95	As per data furnished by ISTS Licensee for Nov'22
10	North Karanpura Transco Limited	39.01	39.01	3.21	As per data furnished by ISTS Licensee for Nov'22
11	Bikaner-Khetri Transmission Limited	128.95	128.95	10.60	As per data furnished by ISTS Licensee for Nov'22
12	Jam Khambaliya Transco Limited	40.36	40.36	3.32	As per data furnished by ISTS Licensee for Nov'22. As informed by Jam Khambaliya Transco Ltd., YTC of "1x500 MVA, 400/220 ICT at CGPL Mundra switchyard" is not to be considered for Billing period Nov'22
13	Lakadia-Banaskantha Transmission Limited	100.28	100.28	8.24	As per data furnished by ISTS Licensee for Nov'22
14	WRSS XXI (A) Transco Limited	122.16	122.16	10.04	As per data furnished by ISTS Licensee for Nov'22
15	Aravali Power Company Private Limited	10.42	10.42	0.86	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
16	Essar Power Transmission Company Limited	405.68	405.68	33.34	Data not furnished for Nov'22. Considered the same as in the earlier billing period.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Nov'22 (₹ Cr)	Equivalent MTC to be considered for Nov'22 (₹ Cr)	Remarks
17	Jindal Power Limited	19.12	19.12	1.57	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
18	Kudgi Transmission Limited	196.29	196.29	16.13	As per data furnished by ISTS Licensee for Nov'22
19	Parbati Koldam Transmission Company Limited	171.37	171.37	14.09	As per data furnished by ISTS Licensee for Nov'22
20	Bhopal Dhule Transmission Company Ltd.	260.78	260.78	21.43	As per data furnished by ISTS Licensee for Nov'22
21	East North Interconnection Company Limited	144.96	144.96	11.91	As per data furnished by ISTS Licensee for Nov'22
22	Gurgaon Palwal Transmission Limited	140.98	140.98	11.59	As per data furnished by ISTS Licensee for Nov'22
23	Jabalpur Transmission Company Limited	147.10	147.10	12.09	As per data furnished by ISTS Licensee for Nov'22
24	Maheshwaram Transmission Limited	56.02	56.02	4.60	As per data furnished by ISTS Licensee for Nov'22
25	Khargone Transmission Company Ltd.	182.18	182.18	14.97	As per data furnished by ISTS Licensee for Nov'22
26	Goa Tamnar Transmission Projects Limited	42.66	42.66	3.51	As per data furnished by ISTS Licensee for Nov'22
27	Mumbai Urja Marg Limited	29.09	29.09	2.39	As per data furnished by ISTS Licensee for Nov'22
28	NRSS-XXIX Transmission Limited	503.14	503.14	41.35	As per data furnished by ISTS Licensee for Nov'22
29	Odisha Generation Phase-II Transmission Limited	154.29	154.29	12.68	As per data furnished by ISTS Licensee for Nov'22
30	Patran Transmission Company Limited	30.75	30.75	2.53	As per data furnished by ISTS Licensee for Nov'22
31	Purulia & Kharagpur Transmission Company Limited	72.47	72.47	5.96	As per data furnished by ISTS Licensee for Nov'22
32	Rapp Transmission Company Limited	44.05	44.05	3.62	As per data furnished by ISTS Licensee for Nov'22
33	NER-II Transmission Limited	412.53	412.53	33.91	As per data furnished by ISTS Licensee for Nov'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Nov'22 (₹ Cr)	Equivalent MTC to be considered for Nov'22 (₹ Cr)	Remarks
34	Teestavalley Power Transmission Limited	257.15	257.15	21.14	As per data furnished by ISTS Licensee for Nov'22
35	Torrent Power Grid Limited	39.40	39.40	3.24	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
36	Darbhanga-Motihari Transmission Company Limited	134.73	134.73	11.07	As per data furnished by ISTS Licensee for Nov'22
37	NRSS XXXI (B) Transmission Limited	98.09	98.09	8.06	As per data furnished by ISTS Licensee for Nov'22
38	Powergrid Himachal Transmission Ltd (Jaypee Powergrid Limited)	132.57	132.57	10.90	As per data furnished by ISTS Licensee for Nov'22
39	Kohima Mariani Transmission Limited	237.50	237.50	19.52	As per data furnished by ISTS Licensee for Nov'22
40	Raichur Sholapur Transmission Company Private Limited	35.20	35.20	2.89	As per data furnished by ISTS Licensee for Nov'22
41	Damodar Valley Corporation	109.09	109.09	8.97	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
42	Powerlinks Transmission Limited	137.17	137.17	11.27	As per data furnished by ISTS Licensee for Nov'22
43	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
44	Warora-Kurnool Transmission Limited	6.21	6.21	0.51	As per data furnished by ISTS Licensee for Nov'22
45	Powergrid Vizag Transmission Limited	234.63	234.63	19.28	As per data furnished by ISTS Licensee for Nov'22
46	Powergrid NM Transmission Limited	111.47	111.47	9.16	As per data furnished by ISTS Licensee for Nov'22
47	Powergrid Unchahar Transmission Limited	19.76	19.76	1.62	As per data furnished by ISTS Licensee for Nov'22
48	Powergrid Parli Transmission Limited	326.22	326.22	26.81	As per data furnished by ISTS Licensee for Nov'22
49	Powergrid Kala Amb Transmission Limited	68.66	68.66	5.64	As per data furnished by ISTS Licensee for Nov'22. Bilateral payment of HPSEB is also included in the claimed YTC
50	Powergrid Southern Interconnector Transmission System Limited	462.10	462.10	37.98	As per data furnished by ISTS Licensee for Nov'22
51	Powergrid Jabalpur Transmission Limited	256.43	256.43	21.08	As per data furnished by ISTS Licensee for Nov'22

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Nov'22 (₹ Cr)	Equivalent MTC to be considered for Nov'22 (₹ Cr)	Remarks
52	Powergrid Warora Transmission Limited	364.20	364.20	29.93	As per data furnished by ISTS Licensee for Nov'22
53	Powergrid Medinipur Jeerat Transmission Limited	579.70	579.70	47.65	As per data furnished by ISTS Licensee for Nov'22
54	Powergrid Mithilanchal Transmission Limited	170.00	170.00	13.97	As per data furnished by ISTS Licensee for Nov'22
55	Powergrid Ajmer Phagi Transmission Limited	63.57	63.57	5.23	As per data furnished by ISTS Licensee for Nov'22
56	Powergrid Varanasi Transmissoin System Limited	116.97	116.97	9.61	As per data furnished by ISTS Licensee for Nov'22
57	Powergrid Fatehgarh Transmission Limited	74.54	74.54	6.13	As per data furnished by ISTS Licensee for Nov'22
58	Powergrid Khetri Transmission System Ltd.	126.71	126.71	10.41	As per data furnished by ISTS Licensee for Nov'22
59	Powergrid Bhuj Transmission Limited	106.57	106.57	8.54	As per data furnished by ISTS Licensee for Nov'22. YTC of "1500 MVA, 765/400 kV ICT-1 along with associated 765 kV & 400 kV transformer bays" considered for 15 days, as COD is 16 Nov'22.
60	North East Transmission Company Limited	260.21	260.21	21.39	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
61	Transmission Corporation Of Andhra Pradesh (APTRANSCO)	476.83	81.99	6.74	As per data furnished by ISTS Licensee for Nov'22
62	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.03	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
63	Karnataka Power Transmission Corporation Limited	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Nov'22. CERC Tariff Order dated 12.06.2019 has been considered
64	Delhi Transco Limited	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Nov'22. Data as furnished by ISTS Licensee for Dec'20 has been considered.
65	Power Transmission Corporation Of Uttarakhand Ltd	43.42	43.42	3.57	As per data furnished by ISTS Licensee for Nov'22. CERC Tariff Order dated 09.11.2021, 25.11.2021 and 13.06.2021 have been considered.
66	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.52	Data not furnished by ISTS Licensee for Nov'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. RPC certified non-ISTS as ISTS has not been considered in line with clause 13 (13) of Sharing Regulations,2020

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Nov'22 (₹ Cr)	Equivalent MTC to be considered for Nov'22 (₹ Cr)	Remarks
67	Tamilnadu Transmission Corporation Limited	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Nov'22. CERC Tariff 148/TT/2018 Order dated 16.11.2018 has been considered
68	Chhattisgarh State Power Transmission Company Ltd	0.75	0.75	0.06	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
69	Himachal Pradesh Power Transmission Corporation Ltd	2.61	2.61	0.21	Data not furnished for Nov'22. Considered the same as in the earlier billing period.
70	Odisha Power Transmission Corporation Limited	9.80	9.67	0.79	Data not furnished by ISTS Licensee for Nov'22. Data as furnished by ISTS Licensee for Jan'21 has been considered. Filing and Publication fee of ₹ 13.67 Lacs as claimed by the licensee is not considered. The same may be claimed in Bill-2 or Bill-3 as applicable.
71	Uttarpradesh Power Transmission Corporation Limited	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
72	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
73	Gujarat Energy Transmission Corporation Limited	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
74	Maharashtra State Electricity Transmission Company Ltd	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
75	West Bengal State Electricity Transmission Company Ltd	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
76	Haryana Vidyut Prasaran Nigam Limited	0.34	0.34	0.03	As per data furnished by ISTS Licensee for Nov'22
77	Assam Electricity Grid Corporation Limited	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
78	Meghalaya Power Transmission Corporation Limited	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available
79	Kerala State Electricity Board	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Nov'22. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

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

3657.16

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

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
1	02 Nos of 132 kV line bays at Daltonganj Substation	Powergrid	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	805808	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	1271836	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	48556330	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	967808	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
7	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Powergrid	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL)	NR	1111726	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	32328575		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	2771342	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
10	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation						
11	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station						
12	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Powergrid	Betam	SR	468165		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	19808877		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
14	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Powergrid	Karnataka DISCOMs	SR	813699	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	1891151	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	109851		As per Regulation 13(9) of Sharing Regulations 2020
17	HVDC Mundra-Mahendergarh	Powergrid	Adani Power Limited	WR	276398778		--
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	1214301	Goa	As per Regulation 13(12) of Sharing Regulations 2020
19	400 kV Banaskantha (Radhanesda) Pooling Station-Banaskantha (PG) D/C line alongwith 2 nos. 400 Kv line bays at Banaskanta (PG) under Tr. System for Ultra Mega Solar Power Park (700 MW) at Banaskantha (Radhanesda), Gujarat in WR	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR	10838868	Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
20	Est. of 2x500 MVA, 400/220 kV PS at Banaskantha (Radhanesda) (GIS) with 1X125 MVAR BR, 2 nos of 400 kV line bays at Bnsknta (Radhanesda) (GIS) for interconnection of Bnsknta (Radhanesda) PS-Bnsknta (PG) 400 kV D/C (twin AL59) TL & 4 Nos 220 kV Line bays	Powergrid	Gujarat Power Corporation Limited (GPCL)	WR		Gujarat	As per Regulation 13(3) of Sharing Regulations 2020
21	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	Powergrid	MB Power	WR	8816134		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	1235294		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	983287	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	2539808	Uttrakhand	As per Regulation 13(12) of Sharing Regulations 2020

Sl.No.	Name of the Asset	Transmission Licensee	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
25	YTC of NCC Power projects Ltd. -Nellore PS 400kV D/c (quad)	Powergrid	Sembcorp Energy India Ltd Project-2	SR	6781317		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	8744923	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	60588063		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	1818403		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	1109795		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	1891695		As per Regulation 13(3) of Sharing Regulations 2020
31	2 Nos. 400 kV line bays at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
32	1x25 MVAR Bus Reactor at 400 kV Fatehgarh Pooling Station along with associated bay			NR			As per Regulation 13(3) of Sharing Regulations 2020
33	Space for future 220kV (12 Nos) Line Bays			NR			As per Regulation 13(3) of Sharing Regulations 2020
34	Space for future 400kV (8 Nos) Line Bays alongwith line reactors at at Fatehgarh Pooling Station			NR			As per Regulation 13(3) of Sharing Regulations 2020
35	Space for future 220/400kV transformers (5 Nos) alongwith associated transformer bays at each level.			NR			As per Regulation 13(3) of Sharing Regulations 2020
36	Space for future 400kV bus reactors (2 Nos) alongwith associated bays.			NR			As per Regulation 13(3) of Sharing Regulations 2020
37	400KV, 500 MVA ICT-II along with associated bays at Bhadla (POWERGRID) Substation;	Powergrid	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR	4417738		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

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
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	40659945		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	02 Nos. of 220 kV equipped line bays at 400 kV Subhasgram Sub-station	Powergrid	West Bengal State Electricity Transmission Company Limited	ER	1112548	West Bengal	As per Regulation 13(12) of Sharing Regulations 2020

TOTAL

540056065

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

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationlization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
1	Rewa Ultra Mega Solar Power Development	WR	750	750	MP-651 MW, DMRC-99 MW	490MW:07.07.18; 260 MW: 13.04.19	750	No billing for Jan'23 billing month.	Rewa	
2	Ostro Kutch Wind Private Limited	WR	300	300	GRIDCO-50 MW, Jharkhand-50 MW, Bihar-50 MW, UPPCL-150MW	126MW: 24.08.18; 50MW: 02.11.18; 50MW: 29.12.18; 24MW: 30.03.19; 50MW: 14.04.19	296.2	Included in Format II G (3).	Bhachau	
3	Inox Green Energy Services Ltd. (Formerly Inox Wind Infrastructure Services Ltd. (IWISL-Dayapar)) (Deemed)	WR	300	300	50MW: BSES 100MW: UPPCL 150MW: HPPC	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 Pvt Ltd	WR	50	50	50MW: UPPCL	50MW: 14.04.2019	50	No billing for Jan'23 billing month.		
	Wind Two Renergy Pvt Ltd	WR	50	50	50MW: UPPCL	50MW: 14.04.2019	50	No billing for Jan'23 billing month.		
	Wind Three Renergy Pvt Ltd	WR	50	50	50MW: Jharkhand Bikli Vitran Nigam Ltd	50MW: 14.04.2019	50	No billing for Jan'23 billing month.		
	Wind Five Renergy Pvt Ltd	WR	50	50	50MW: Bihar (NBPDC & SBPDCL)	50MW: 14.04.2019	50	No billing for Jan'23 billing month.		
4	ReNew Power Limited	WR	300	300	UP - 100 MW, PSPCL - 100 MW, GRIDCO - 50 MW, GOA - 50 MW	300MW: 01.05.19	230.1	Included in Format II G (3)		
5	ReNew Power Limited	WR	50	50	UHBVN & DHBVN - 50MW	50MW: 23.11.19	0	Included in Format II G (3)		
6	Green Infra Wind Energy Ltd.	WR	250	250	Assam (APDCL) - 50 MW, GRIDCO Ltd.-100 MW, Jharkhand (JBVNL)- 100 MW	151.2MW:14.04.19; 98.8 MW: 04.11.19	250	No billing for Jan'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)	300 MW: 04.11.19	300	No billing for Jan'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	100 MW: 04.11.19	100	No billing for Jan'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	90 MW:18.11.19; 90 MW: 01.04.20	180	No Billing for Jan'23 billing month		
10	Alfanar Energy Pvt. Limited	WR	300	300	BRPL -150 MW, BYPL -50 MW, TPDDL - 50 MW, Bihar - 50 MW	100MW: 31.01.20; 50MW: 15.02.20; 50MW: 28.02.20; 36MW: 06.10.20; 36MW: 20.10.20; 28MW: 10.02.21	300	No billing for Jan'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	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 Jan'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)	Region	Quantum of LTA Granted/MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
	2nd to GRIDCO)		37.5	37.5	GRIDCO	30: 10.12.2020 6.25: 20.12.2020 0.625: 27.01.21 0.625: 19.02.21	37.5	LTA operationalized on existing margin. No billing for Jan'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	75MW: 10.06.18; 50MW: 30.09.18; 125MW: 01.12.18;	250	No billing for Jan'23 billing month.		
13	AP Solar Power Corporation Pvt Ltd (NP Kunta)	SR	1500	1500	Andhra Pradesh-1500MW	250MW: 11.07.16; 750MW: 04.08.18; 500MW: 01.10.18;	1400	Included in Format II G (1)		
14	Karnataka Solar Power development Corporation Ltd	SR	2050	2050	Karnataka-1850 MW, UPPCL-200 MW	600MW: 12.07.18; 400MW: 28.09.18; 200MW: 30.12.19; 850 MW: 03.05.20	2050	No billing for Jan'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	249.9 MW: 10.10.18	249.9	No delay. Hence, no billing.		
16	Orange Sironj Power Pvt. Ltd.	SR	200	200	Bihar - 100 MW, Haryana - 100 MW	200 MW: 22.02.19	200	No billing for Jan'23 billing month.		
17	Betam Wind Energy Private Limited	SR	250.2	250.2	Bihar - 50.2 MW, Odisha- 100 MW, UPPCL -100 MW	250.2 MW:31.07.19	218.2	LTA was granted on existing margins. However, CERC in tariff petition 172/TT/2018 has linked the LTA to 2X500MVA, 400/230KV ICTs at Tirunelveli Pool (Tuticorin-II). Therefore, Betam is not included in FORMAT II-G(3).		
18	Saurya Urja Company of Rajasthan Limi	NR	500	500	UPPCL-500 MW	500 MW: 27.10.19	500	No billing for Jan'23 billing month.	Bhadla	Clan Solar Power (Bhadla) Pvt. Ltd. : 300MW SB Energy Four Pvt. Ltd.: 200MW
19	Adani Reneable Energy Park Rajasthan	NR	250	250	UPPCL-250 MW	250 MW: 27.10.19	250	No delay. Hence, no billing.	Bhadla	Azure Power India Pvt. Ltd.: 200MW ReNew Solar Power Pvt. Ltd.: 50MW
20	NTPC Ltd. (Auraiya Solar)	NR	20	20	UPPCL-20MW	15MW: 25.10.2020 5MW: 30.11.2020	20	No billing for Jan'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 Jan'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 Jan'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 Jan'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 NBPCL-207MW SBPCL-243MW	01.06.2021	300	Included in Format II G (1).	Bhadla	SB Energy Six Pvt. Ltd.:600MW SB Energy Sixteen Projects Ltd.: 150MW

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
26	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL	01.07.2021	75	MTOA was operational upto 30-Jun-2021. Now. The corresponding LTA has been operationalised w.e.f. 01.07.2021 (indicated along side) and waiver documents also submitted. Included in Format II G(2).		
27	Adani Renewable Energy Park Rajasthan Ltd.	NR	1000	996	TSSPDCL-208.82MW TSNPCL-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 Jan'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 Jan'23 billing month	Bhadla	Tata Power Renewable Energy Ltd.
31	Azure Power India Pvt. Ltd.	NR	300	300	GRIDCO: 200MW BRPL: 100MW	01.09.2021	300	LTA was made effective vide CTU letter dated 26.08.2021. 50MW w.e.f. 13.10.2021, 50MW COD w.e.f 02.11.2021 and 50MW COD w.e.f 30.11.2021, 50MW COD w.e.f. 27.12.2021, 50MW COD w.e.f. 31.01.2022, 50MW: 07.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Forty One Pvt. Ltd.
32	Azure Power India Pvt. Ltd.	NR	200	200	MPPMCL	01.09.2021	200	COD of 53MW: 14.02.2022, COD of 147MW: 30.03.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
33	Azure Power India Pvt. Ltd.	NR	50	50	MPPMCL	01.09.2021	50	COD of 50MW: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
34	Renew Power Pvt Ltd,	SR	300	300	SBPDCL: 162 MW NBPCL: 138 MW	63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21 35.7 MW: 27.07.22 125.7 MW: 02.11.22 Total : 300 MW	199.5	Part LTA of 174.3 MW was operationalized based on the margins available in the existing transmission network. Further, balance LTA of 125.7 MW operationalized on commissioning of 400/220kv, 1X500 MVA 3rd ICT at Hiriyur. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS. 63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21 37.8MW: 27.07.22 14.7 MW: 03.08.22 10.5 MW: 10.09.2022	Hiriyur	
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 Jan'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.

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
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 Jan'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	
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 Jamkhamaliya 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	

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
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 (TSNPDC)	WR	5.89	5.89	TSNPDC	09.05.2022	2.945	2.945MW: 23.08.2022; Included in Format II G (3)	20MW Solar Power Plant within the premises of NTPC Gandhar, Gujarat	
60	ACME Solar Holdings Pvt. Ltd.	NR	100 out of 300	-	HPPC: 100MW NBPDC: 69MW SBPDC: 81MW Puduchery: 50MW	11.05.2022	0	Included in Format II G (1).	Fatehgarh	ACME Dhaulpur Solar Energy Pvt Ltd
61	Adani Renewable Energy Holding One L	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)	NR	300.0	300.0	MPPMCL-300MW	11.05.2022	300.0	150MW: 02.09.2021, 50MW: 27.09.2021, 50MW: 05.10.2021, 50MW: 09.12.2021	Fatehgarh-II PS	ReNew Solar Energy (Jharkhand Three) Pvt. Ltd.
63	ReNew Solar Urja Pvt. Ltd.	NR	300.0	300.0	TSSPDCL: 91.715MW TSNPDC: 38.285MW TANGEDCO: 170MW	11.05.2022	300.0	150MW: 02.12.2021, 50MW: 07.12.2021, 50MW: 13.12.2021, 50MW: 16.12.2021	Fatehgarh-II PS	ReNew Solar Urja Pvt. Ltd.
64	Mahindra Susten Pvt. Ltd.	NR	250.0	250.0	HPPC-250MW	29.06.2022	250.0	175MW: 20.05.2022, 75MW: 17.06.2022. No delay. Hence, no billing.	Bhadla-II PS	Mega Surya Urja Pvt. Ltd.
65	Sitac Kabini Renewables Private Limited	WR	243.0 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	243.0	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 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	
66	Srijan Energy Systems Pvt Ltd (1200002)	WR	27 out of 49.5	49.5	Electricity Deptt, Goa	22.5MW: 05.08.2022 4.5MW: 08.09.2022	27.0	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
67	Srijan Energy Systems Pvt Ltd (1200003)	WR	27 out of 49.5	49.5	NBPDC (11.25MW), Bihar SBPDC (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	27.0	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
68	Srijan Energy Systems Pvt Ltd (1200003)	WR	27 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	27.0	22.5MW COD: 10.08.2022. 4.5MW COD: 24.09.2022 Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhuj-II PS	Morjar Windfarm Development Pvt Ltd
69	Rajasthan Solar Park Development Company Ltd. (Nokh Solar Park)	NR	925.0	0.0	NA	01.08.2022	0.0	Granted on Target (NR) Basis. Yet to be commissioned. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla-II PS	NTPC Ltd.
70	Azure Power India Pvt. Ltd.	NR	300.0	300.0	GRIDCO-300MW	25.09.2021	300.0	150MW: 15.12.20, 100MW: 31.01.21, 50MW: 09.02.21 Also included in Format II G (2)	Bikaner	Azure Power Forty Three Pvt Ltd
71	ReNew Solar Energy (Jharkhand Four) P	NR	300.0	300.0	NBPDC & SBPDC	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

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted/ MTOA operationalised	LTA/MTOA with tied up beneficiaries	Name of the beneficiaries (for entire LTA granted)	Effective date of LTA/MTOA operationization	Exempted quantum in MW (as on Nov'22)	Remarks	PS	SPD/SPV/Subsidiary
73	ACME Solar Holdings Pvt. Ltd.	NR	250.0	250.0	MSEDCL-250MW	29.10.2021	250.0	100MW: 20.10.2019, 130MW: 26.10.2019, 20MW: 01.01.2020 Also included in Format II G (2)	Bhadla	ACME Chhitorgarh Solar Energy Pvt Ltd
74	Mahindra Susten Pvt. Ltd.	NR	250.0	250.0	CDPDCL-250MW	29.10.2021	250.0	100MW: 14.05.21, 60MW: 08.06.21, 50MW: 24.07.21, 40MW:17.08.21 Also included in Format II G (2)	Bhadla	Mahindra Renewables Pvt Ltd
75	ReNew Solar Energy (Jharkhand Four) P	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 L	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	Included in Format II G (3)	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	0.0	Included in Format II G (3)	Bhuj PS	
84	Apraava Energy Private Limited (1200002953)	WR	250.8	250.7	CSPDCL: 170.7MW Puducherry: 80.01MW SR Target:0.09MW	22.10.2022	0.0		Jam khambhaliya PS	
85	Azure Power India Pvt. Ltd.	NR	50.0	50.0	MPPMCL-50MW	06.10.2022	7.0	7MW COD: 30.03.2022. Bills will be raised for mismatch period upon receipt of approved CERC tariff order for ATS.	Bhadla	Azure Power Maple Pvt. Ltd.
86	Hero Solar Energy Pvt. Ltd.	NR	250.0	250.0	JBVNL-250MW	06.10.2022	250.0	115MW COD: 14.03.2022, 135MW: 21.04.2022	Bhadla	Clean Solar Power (Jodhpur) Pvt. Ltd.
87	NTPC Ltd. (Rihand Solar)	NR	20.0	20.0	UPPCL-20MW	12.10.2022	0.0	Included in Format II G (3)	Rihand	NTPC Ltd.
	Total		23442.6	22262.3			18000.8			

*Waiver Documents not submitted to CTU

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

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उदयम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly owned subsidiary of Power Grid Corporation of India Limited)

(A Government of India Enterprise)

Ref. No.: CTU/N/07/NLDC

Date: 14.12.2022

✓ **Executive Director**

National Load Dispatch Centre

POSO

61, IFCI Tower, 8th & 9th Floor,

Nehru Place, New Delhi – 110019

Sub: Exemption of ISTS charges for UP share from Unchahar-II Generating Station in Northern Region– reg.

Dear Sir,

This is with reference to UPPCL letter dated 17/11/2022 regarding deduction of ISTS transmission charges for UPPCL share out of Unchahar-II generation project in UP. In this regard, it is to mention that the matter was discussed in 58th NRPC meeting held on 30.09.2022 wherein NRPC opined that considering the genesis of Unchahar generation project along with its associated transmission system, UP share from Unchahar-II may be exempted from ISTS charges. Matter was again clarified and concurred in 60th NRPC meeting held on 30.11.2022.

Therefore, Implementing Agency (NLDC) may exempt share of UP (deemed LTA quantum) from the computation of monthly transmission charges in respect of Unchahar-II generation project w.e.f. 01/11/20 i.e. from the effective date of implementation of sharing regulation 2020

Thanking you,

Yours faithfully,

Ashok Pal.
(Ashok Pal)
Dy. COO

Copy to:

The Secretary

Central Electricity Regulatory Commission,

3rd & 4th Floor, Chanderlok Building,

36, Janpath, New Delhi-110001

Office of Chief Engineer

Power Purchase Agreement Directorate,
Uttar Pradesh Power Corporation Ltd. (UPPCL)
14th floor, Shakti Bhawan Extn.,
14- Ashok Marg, Lucknow – 226001