



Notification of Transmission charges payable by DICs for Billing Month of March 2021

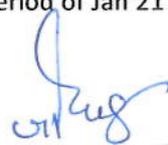
No: TC/02/2021

Date: 25.02.2021

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 38th time block (09:15 Hrs to 09:30 Hrs) on 29th Jan 2021 as a peak block for the billing period of Jan'21 and published the information of peak block on POSOCO website. Details of the entities from inputs have been received as per the stipulated time lines is enclosed as **Annexure-I**.
4. NLDC/RLDCs have examined the data and information submitted by ISTS licensees/ Deemed ISTS licensees, DICs/ States and CTU. 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 10.02.2021 with last date of submission of comments as 12.02.2021. Comments have been received from Teesta Power Transmission Limited (TPTL), Torrent Power Grid Ltd and Parbati Koldam transmission company Ltd.
5. Based on inputs furnished by DICs/ States, all India basic network has been prepared along with node wise generation and demand as per the peak block and made it available on POSOCO website on 15.02.2021 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.02.2021. However, no comments were received from any of the DICs/ States.
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 Mar'21 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 Mar'21 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of Mar'21 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'21 is given at **Annexure-VIII**.


25/02/2021

(जी चक्रवर्ती)

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 31.01.2021. PowerGrid has submitted its YTC on 04.02.2021 and the YTC of its SPVs on 05.02.2021. 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'21

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	Aravali Power Company Private Limited
10	Essar Power Transmission Company Limited
11	Essar Power Transmission Company Limited (NTPC Portion)
12	Jindal Power Limited
13	Kudgi Transmission Limited
14	Parbati Koldam Transmission Company Limited (JV Of Rinfra And Powergrid Corporation Of India Limited)
15	Bhopal Dhule Transmission Company Ltd.
16	East North Interconnection Company Limited
17	Gurgaon Palwal Transmission Limited
18	Jabalpur Transmission Company Limited
19	Maheshwaram Transmission Limited
20	Khargone Transmission Company Ltd.
21	NRSS-XXIX Transmission Limited
22	Odisha Generation Phase-II Transmission Limited
23	Patran Transmission Company Limited
24	Purulia & Kharagpur Transmission Company Limited
25	Rapp Transmission Company Limited
26	NER-II Transmission Limited
27	Teestavalley Power Transmission Limited
28	Torrent Power Grid Limited
29	Darbhangha-Motihari Transmission Company Limited

Sl. No.	Name of ISTS Licensee
30	NRSS XXXI (B) Transmission Limited
31	Jaypee Powergrid Limited
32	Kohima Mariani Transmission Limited
33	Raichur Sholapur Transmission Company Private Limited
34	Powerlinks Transmission Limited
35	Powergrid Vizag Transmission Limited
36	Powergrid NM Transmission Limited
37	Powergrid Unchahar Transmission Limited
38	Powergrid Parli Transmission Limited
39	Powergrid Kala Amb Transmission Limited
40	Powergrid Southern Interconnector Transmission System Limited
41	Powergrid Jabalpur Transmission Limited
42	Powergrid Warora Transmission Limited
43	North East Transmission Company Limited
44	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
45	Madhya Pradesh Power Transmission Co. Ltd.
46	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.
47	Chhattisgarh State Power Transmission Company Ltd
48	Himachal Pradesh Power Transmission Corporation Ltd
49	Odisha Power Transmission Corporation Limited

- 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 07.01.2021. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 10.02.2021. CTU has submitted the data in formats II-D, II-G(1) to II-G(5) on 12.02.2021, format II-A, II-B, II-E and II-F on 16.02.2021 and format II-C on 17.02.2021.
- 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 07.02.2021 is as mentioned below:

Sl.No	NR	WR	SR	ER	NER	Others
1	Uttar Pradesh	Chattisgarh	Andhra Pradesh	JITPL	Assam	NTPC
2	Haryana	Gujarat	Telangana		Manipur	NHPC
3	Himachal Pradesh	MP	Karnataka		Meghalaya	
4	Delhi	Maharashtra	Kerala		Mizoram	
5	Rajasthan	D&D	Tamil Nadu		Nagaland	
6	Punjab	Hazira	Vallur(NTECL)			
7	BBMB	Ratnagiri Dabhol(RGPPL)	Tuticorin TPP (NTPL)			
8	Jhajjar	TAPS (1,2)	IL&FS			

SI.No	NR	WR	SR	ER	NER	Others
9	APIPL 200MW Bhadla	TAPS (3,4)	Paramapujya Solar Energy Pvt. Ltd.			
10	Azure Power India Pvt. Ltd	Jindal Stg-1	PVG_ADYAH and PVG_ReNew_TN2			
11	Azure Power Thirty-Four Pvt. Ltd	JPL Stg-2	PVG_Azure Earth			
12	GIWEL_SECI	LANCO	PVG_Fortum Solar and PVG_Fortum Finsurya			
13	PVG_Amplus Kurukshetra and PVG_Amplus Rewari	CGPL	PVG_YARROW			
14	ReNew Solar Power Private Limited	SSP				
15		KAPS				
16		Essar Mahan				
17		BALCO				
18		KSK Mahanadi				
19		Sasan UMPP				
20		DGEN				
21		DB Power Ltd.				
22		Raigarh Energy (Korba West)				
23		Dhariwal				
24		Raipur Energen (GMR Chhattisgarh)(GCEL)				
25		JP Nigrie				
26		GMR Warora (EMCO)				
27		ACBIL				
28		Spectrum Power				
29		Maruti Coal Power				
30		MB Power (Anuppur)				
31		Jhabua Power				
32		TRN Energy				
33		SKS Power				
34		Naranpar_Ostro (wind)				

Sl.No	NR	WR	SR	ER	NER	Others
35		Mahindra Renewables Pvt. Ltd. (RUMS)				
36		Dayapar Inox(wind)				
37		Bhuvad_Renew (wind)				
38		Ratadiya AGEMPL (wind)				
39		Alfanar wind(Nanavalka)				
40		Renew AP2 Gadhsisa(wind)				
41		ACME Jaipur Solar Power Pvt. Ltd				
42		SPRNG Energy				

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, the 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 December'20.
- 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'21. For the ISTS licensees who have not submitted YTC data for Jan'21, 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'21 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 computations.
- 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. The same is continued in the computations as the matter is sub-judice.
- G. The ISTS assets of new licensees M/s. Kohima Mariyani Transmission Limited and M/s. NER_II Transmission Limited have been considered in the sharing methodology after proper examination.
- H. 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, computed transmission charges for DICs in line with the Regulations.
- I. 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.
- J. 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.
- K. 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 (₹ Lakh/km)
1	± 800	HVDC	246
2	± 500	HVDC	121

Sl. No.	Voltage level (kV)	Type of conductor configuration	Indicative cost (₹ Lakh/km)
3	765	D/C	349
4	765	S/C	156
5	400	S/C	65
6	400	M/C TWIN	307
7	400	D/C Quad Moose	197
8	400	D/C Twin HTLS	133
9	400	D/C Twin Moose	115
10	400	M/C QUAD	576
11	400	D/C TRIPLE	159
12	400	S/C QUAD	108
13	220	D/C	49
14	220	S/C	37
15	220	M/C TWIN	219
16	132	D/C	33
17	132	S/C	18
18	132	M/C TWIN	156

L. 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:

- a. 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.
- b. The indicative cost level of 400 kV Quad Bersimis D/C has been considered to be same as 400 kV Quad Moose D/C.
- c. The indicative cost level of 765 kV Hexa zebra has been considered to be same as 765 kV Quad Bersimis.
- d. 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.
- e. 400 kV lines (Twin Moose) charged at 220 kV are charged as per the rate of 220 kV D/C lines.

M. Circuit Kms of RE lines considered as National component has been considered as zero.

N. 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

A. 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.

B. 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.

Annexure-III

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	5228	357332463	924760770	24162709	111879876	223660143	52074926		1693870887
2	UP	NR	9937	828793882	1757640736	45924701	212643783	425098243	138642928	5537449	3414281721
3	Punjab	NR	4299	288663779	760438868	19869207	91999801	183917691	120391204	1368429	1466648978
4	Haryana	NR	3652	420131667	646010802	16879361	78156006	156242428	207263025		1524683291
5	Chandigarh	NR	220	8793188	38901210	1016434	4706366	9408542	2970061		65795802
6	Rajasthan	NR	4183	678510700	739995877	19335060	89526556	178973405	103115043	4731195	1814187835
7	HP	NR	1750	66499823	309531796	8087634	37447933	74862524	31209878	54289727	581929314
8	J&K	NR	2767	213109617	489373124	12786637	59205587	118358462	54547516		947380943
9	Uttarakhand	NR	1229	176519702	217343527	5678883	26294765	52566118	37476961	31352975	547232932
10	ADHPL	NR	168.96	468640	29886473	780892	3615740	7228262			41980008
11	GMR Kamalanga	NR	75	3545478	13266368	346632	1604998	3208568			21972044
12	WBSEDCL_Inj	NR	600	14627069	106130942	2773053	12839987	25668543			162039595
13	MB Power	NR	175	29772712	30954858	808807	3744996	7486658			72768032
14	Chuzachen	NR	99	6974935	17511605	457554	2118598	4235310			31298002
15	Jorthang	NR	43.20	2907385	7641428	199660	924479	1848135			13521087
16	Tashiding	NR	43.65	2696912	7721026	201740	934109	1867387			13421173
17	Northern Railways	NR							2512948		2512948
18	North Central Railways	NR							1799925		1799925
19	MUNPL Meja	NR								4435315	4435315
20	RAPP 7&8, NPCIL	NR								35288333	35288333

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	Gujarat	WR	6235	470772463	1102938644	28818249	133436282	90424206	56578252	1487830	1884455925
22	Madhya Pradesh	WR	7970	890980221	1409694046	36833339	170548320	115573487	125735608	4242248	2753607268
23	Maharashtra	WR	7040	967193895	1245203703	32535436	150647866	102087779	77006064		2574674743
24	Chattisgarh	WR	2710	65756602	479357591	12524945	57993883	39300037	24588359		679521417
25	Goa	WR	504	36216061	89109551	2328308	10780697	7305629	12005278	1453413	159198937
26	Daman Diu	WR	432	41329121	76466569	1997965	9251117	6269097	17366733		152680602
27	Dadra Nagar Haveli	WR	1034	112004172	182896532	4778831	22127281	14994736	22146743		358948295
28	Jindal Power Limited	WR	114	14690240	20235633	528729	2448158	1659014			39561774
29	Spectrum Coal & Power	WR	28	0	4864335	127098	588499	398802			5978734
30	ACB Ltd	WR	23	4439141	4068353	106300	492200	333543			9439536
31	Torrent Power	WR	200	436976	35376981	924351	4279996	2900375			43918678
32	Sembcorp Energy India Ltd Project-I	WR	115	5288429	20341764	531502	2460998	1667715			30290408
33	DB Power	WR	186	38995787	32900592	859647	3980396	2697349			79433770
34	TRN Energy Pvt. Ltd.	WR	3	201873	530655	13865	64200	43506			854099
35	CSPTCL	WR	261	5113818	46166960	1206278	5585395	3784989			61857439
36	WBSEDCL_Inj	WR	400	9751379	70753961	1848702	8559992	5800749			96714784
37	KSK Mahanadi	WR	400	58059290	70753961	1848702	8559992	5800749			145022695
38	GMR Warora Energy Ltd, Maharashtra	WR	200	11586516	35376981	924351	4279996	2900375			55068218
39	Jorthang	WR	43.20	2907385	7641428	199660	924479	626481			12299433
40	Tashiding	WR	43.65	2696912	7721026	201740	934109	633007			12186794

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	NTPC Gadawada	WR								151523966	151523966
42	MB Power	WR								12763640	12763640
43	Adani Power Limited	WR								344873892	344873892
44	Andhra Pradesh	SR	1647	308104134	291364259	7612942	35249979	23949588	31217633		697498534
45	Telangana	SR	4239	371350023	749877344	19593249	90722041	61638492	32034612		1325215761
46	Tamil Nadu	SR	8573	385783882	1516362690	39620442	183453360	124642130	87033397		2336895902
47	Kerala	SR	2777	131746309	491285771	12836612	59436984	40382756	51500596		787189028
48	Karnataka	SR	5766	651660267	1019854166	26647367	123384514	83830073	99018212	4033567	2008428167
49	Pondicherry	SR	511	8977760	90446243	2363234	10942413	7434509	12572208		132736368
50	Goa-SR	SR	93	4036304	16425532	429176	1987202	1350148			24228362
51	Sembcorp Energy India Ltd Project-I	SR	55	2529249	9728670	254197	1176999	799678		801624	15290416
52	Sembcorp Energy India Ltd Project-II	SR	490	27817540	86673603	2264660	10485990	7124405			134366198
53	BHAVINI	SR								12590841	12590841
54	Betam	SR								1148320	1148320
55	West Bengal	ER	2641	84825683	467067253	12203816	56506967	63045386	38208056		721857162
56	Odisha	ER	1673	113298955	295929048	7732213	35802238	39944914	67460544		560167911
57	Bihar	ER	4439	221386230	785265049	20517881	95003334	105996167	117246444		1345415104
58	Jharkhand	ER	842	33466499	148855503	3889387	18008912	20092722	50928749	4063363	279305135
59	Sikkim	ER	178	4476519	31528836	823805	3814438	4255806	3638309		48537713
60	DVC	ER	622	45968796	110056292	2875617	13314886	14855551	6298659		193369801
61	Bangladesh	ER	782	4295686	138397448	3616132	16743670	18681080			181734016

S. No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
62	BRBCL Nabinagar	ER								6376679	6376679
63	NPGC Nabinagar	ER								21607255	21607255
64	NTPC Darlipalli	ER								4085673	4085673
65	Arunachal Pradesh	NER	253	9492837	44804712	1170685	5420586	6527639	15053104		82469563
66	Assam	NER	1597	48680233	282507957	7381539	34178521	41158838	23381174		437288262
67	Manipur	NER	237	10180517	41977591	1096816	5078554	6115753	4494522		68943754
68	Meghalaya	NER	329	16291514	58220431	1521219	7043654	8482187	706369		92265372
69	Mizoram	NER	136	7993513	24127764	630425	2919037	3515196	1532249	3970562	44688746
70	Nagaland	NER	166	5077928	29417360	768635	3558986	4285842	25015429		68124180
71	Tripura	NER	353	4184077	62488348	1632733	7559997	9103984	1366570		86335709
72	PowerGrid Corporation of India Ltd	NER								197459	197459
TOTAL			100812	8339392686	17832170543	465929746	2157380697	2577044886	1756138289	712223755	33840280603

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 Operation alization	Delayed Capacity	Transmission Charges (₹)
1	Sprng Renewable Energy Pvt Limited	Tamil Nadu	300	300	0	NA	30.11.2019	300	8178022
2	NTPC Auraiya Solar	Uttar Pradesh	20	20	15	8MW: 10.11.20 7MW: 04.12.20	15MW: 25.10.20 5MW: 30.11.20	5	171803
3	Madhya Bharat Power Corporation Limited	Sikkim	96	96	0	NA	31.01.2021	96	84328

Transmission Charges for Short Term Open Access (STOA)

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	45.00
2	UP	NR	47.65
3	Punjab	NR	47.34
4	Haryana	NR	57.98
5	Chandigarh	NR	41.55
6	Rajasthan	NR	60.07
7	HP	NR	41.88
8	J&K	NR	47.56
9	Uttarakhand	NR	58.31
10	Gujarat	WR	41.94
11	Madhya Pradesh	WR	47.91
12	Maharashtra	WR	50.80
13	Chattisgarh	WR	34.83
14	Goa	WR	43.49
15	Daman Diu	WR	49.05
16	Dadra Nagar Haveli	WR	48.22
17	Andhra Pradesh	SR	58.81
18	Telangana	SR	43.42
19	Tamil Nadu	SR	37.86
20	Kerala	SR	39.36
21	Karnataka	SR	48.28
22	Pondicherry	SR	36.05
23	Goa-SR	SR	36.24
24	West Bengal	ER	37.97
25	Odisha	ER	46.50
26	Bihar	ER	42.09
27	Jharkhand	ER	45.43
28	Sikkim	ER	37.82
29	DVC	ER	43.17
30	Bangladesh	ER	32.26
31	Arunachal Pradesh	NER	45.22
32	Assam	NER	38.03
33	Manipur	NER	40.35
34	Meghalaya	NER	38.93
35	Mizoram	NER	41.46
36	Nagaland	NER	56.89
37	Tripura	NER	33.94

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	9573.09	
2	Delhi	NR	5224.29	
3	Haryana	NR	3635.77	
4	Uttarakhand	NR	1228.73	
5	Punjab	NR	4299.06	
6	Rajasthan	NR	4182.54	
7	Himachal Pradesh	NR	1749.91	
8	Jammu & Kashmir	NR	2766.62	
9	Chandigarh	NR	219.92	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	AD Hydro	NR	168.96	
12	Railways_UP	NR	188.75	Uttar Pradesh
13	Railways_Haryana	NR	11.25	Haryana
14	Railways_Delhi	NR	3.75	Delhi
15	Railways_Rajasthan	NR	0.00	Rajasthan
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	5.14	Haryana
22	MB Power	NR	175.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Chuzachen	NR	99.00	
26	Jorthang	NR	43.20	
27	Tashiding	NR	43.65	
28	Gujarat	WR	6121.22	
29	Madhya Pradesh	WR	7768.36	
30	Chhattisgarh	WR	2692.86	
31	Maharashtra	WR	6927.63	
32	GOA	WR	503.77	
33	Daman Diu	WR	432.30	
34	Dadra Nagar Haveli	WR	1033.99	
35	HVDC Bhadrawathi	WR	2.29	Maharashtra
36	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
37	BARC Facility	WR	9.10	Maharashtra
38	Heavy Water Plant of DAE	WR	12.88	Gujarat
39	Mind Space Business parks Pvt Ltd	WR	10.60	Maharashtra
40	HVDC Champa	WR	4.95	Chhattisgarh
41	HVDC Raigarh	WR	0.94	Chhattisgarh
42	Railways_Gujarat	WR	101.25	Gujarat

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*
43	Railways_MP	WR	200.50	Madhya Pradesh
44	Railways_Maharashtra	WR	90.00	Maharashtra
45	Railways_Chhattisgarh	WR	11.25	Chhattisgarh
46	ACB Ltd.	WR	23.00	
47	JINDAL	WR	114.40	
48	Spectrum Coal and Power	WR	27.50	
49	Torrent Power	WR	200.00	
50	DB Power	WR	186.00	
51	KSK Mahanadi	WR	400.00	
52	GMR Warora Energy Ltd, Maharashtra	WR	200.00	
53	CSPTCL	WR	261.00	
54	TRN Energy Pvt. Ltd.	WR	3.00	
55	Sembcorp Energy India Ltd	WR	115.00	
56	WBSIEDCL	WR	400.00	
57	Jorthang	WR	43.20	
58	Tashiding	WR	43.65	
59	BIHAR	ER	4363.27	
60	JHARKHAND	ER	771.54	
61	DVC	ER	339.69	
62	ORISSA	ER	1673.00	
63	WEST BENGAL	ER	2604.42	
64	SIKKIM	ER	178.24	
65	Bangladesh	ER	782.42	
66	TATA Steel Ltd.	ER	200.00	DVC
67	Railways_Jharkhand	ER	70.00	Jharkhand
68	Railways_Bihar	ER	75.00	Bihar
69	Railways_DVC	ER	82.50	DVC
70	Railways_Odisha	ER	0.00	Odisha
71	Railways_West Bengal	ER	33.75	West Bengal
72	HVDC Alipurduar	ER	2.34	West Bengal
73	POWERGRID PUSAULI	ER	1.15	Bihar
74	Andhra Pradesh	SR	1643.17	
75	Karnataka	SR	5721.26	
76	KSEB	SR	2776.51	
77	Tamil Nadu	SR	8557.26	
78	Telangana	SR	4239.35	
79	Puducherry	SR	511.33	
80	Goa	SR	92.86	
81	SAIL, Salem	SR	13.65	Tamil Nadu
82	Railways_Karnataka	SR	42.50	Karnataka
83	PG-HVDC Gazuwaka	SR	2.15	Andhra Pradesh
84	PG-HVDC Talcher	SR	1.88	Andhra Pradesh
85	PG-HVDC Kolar	SR	1.88	Karnataka
86	PG-HVDC Pugalur	SR	1.68	Tamil Nadu
87	PG-HVDC Thrissur	SR	0.92	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*
88	Sembcorp Energy India Ltd Project-I	SR	55.00	
89	Sembcorp Energy India Ltd Project-II	SR	490.00	
90	Arunachal Pradesh	NER	253.30	
91	Assam	NER	1594.85	
92	Manipur	NER	237.32	
93	Meghalaya	NER	329.14	
94	Mizoram	NER	136.40	
95	Nagaland	NER	166.31	
96	Tripura	NER	353.27	
97	PG-HVDC BNC	NER	2.28	Assam
TOTAL			100812.28	

****Note: Transmission charges of the state are to be shared on pro-rata 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'21

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'21	Equivalent MTC to be considered for Jan'21	Remarks
1	POWERGRID	32173.99	32173.99	2732.59	As per data furnished by ISTS Licensee for Jan'21. 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	772.64	772.64	65.62	As per data furnished by ISTS Licensee for Jan'21
3	CHHATTISGARH-WR TRANSMISSION LIMITED.	165.00	165.00	14.01	As per data furnished by ISTS Licensee for Jan'21
4	RAIPUR RAJNANDGAON-WR TRANSMISSION LIMITED.	219.74	219.74	18.66	As per data furnished by ISTS Licensee for Jan'21
5	SIPAT TRANSMISSION LIMITED.	95.86	95.86	8.14	As per data furnished by ISTS Licensee for Jan'21
6	Western Transmission Gujarat Limited	58.35	58.35	4.96	As per data furnished by ISTS Licensee for Jan'21
7	Western Transco Power Limited	107.37	107.37	9.12	As per data furnished by ISTS Licensee for Jan'21
8	ALIPURDUAR TRANSMISSION LIMITED	159.40	159.40	13.54	As per data furnished by ISTS Licensee for Jan'21
9	ARAVALI POWER COMPANY PRIVATE LIMITED	12.77	12.77	1.08	As per data furnished by ISTS Licensee for Jan'21
10	Essar Power Transmission Company Limited	412.98	333.05	28.29	As per minutes of Validation Committee meeting held for 2020-21 Q2 PoC computations, combined tariff of LILO of 400kV Vindhyachal-Korba at Mahan, GIS S/s at Hazira and 400kV Hazira-Gandhar line) is being excluded from computations in the absence of exclusive tariff of LILO of 400kV Vindhyachal-Korba at Mahan since 2020-21 Q2. This matter is already sub-judice. Considered same as for previous periods.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'21	Equivalent MTC to be considered for Jan'21	Remarks
11	Essar Power Transmission Company Limited (NTPC portion)	3.46	3.46	0.29	As per data furnished by ISTS Licensee for Jan'21
12	Jindal Power Limited	19.12	19.12	1.62	As per data furnished by ISTS Licensee for Jan'21
13	Kudgi Transmission Limited	196.29	196.29	16.67	As per data furnished by ISTS Licensee for Jan'21
14	Parbati Koldam Transmission Company Limited (JV of Rinfra and PowerGrid Corporation of India Limited)	171.37	171.37	14.55	As per revised data furnished by ISTS Licensee for Jan'21
15	BHOPAL DHULE TRANSMISSION COMPANY LTD.	260.04	260.04	22.09	As per data furnished by ISTS Licensee for Jan'21
16	EAST NORTH INTERCONNECTION COMPANY LIMITED	143.38	143.38	12.18	As per data furnished by ISTS Licensee for Jan'21
17	GURGAON PALWAL TRANSMISSION LIMITED	147.50	147.50	12.53	As per data furnished by ISTS Licensee for Jan'21
18	JABALPUR TRANSMISSION COMPANY LIMITED	147.00	147.00	12.48	As per data furnished by ISTS Licensee for Jan'21
19	MAHESHWARAM TRANSMISSION LIMITED	55.89	55.89	4.75	As per data furnished by ISTS Licensee for Jan'21
20	KHARGONE TRANSMISSION COMPANY LTD.	105.98	105.98	9.00	As per data furnished by ISTS Licensee for Jan'21
21	NRSS-XXIX TRANSMISSION LIMITED	502.11	502.11	42.64	As per data furnished by ISTS Licensee for Jan'21
22	ODISHA GENERATION PHASE-II TRANSMISSION LIMITED	161.43	161.43	13.71	As per data furnished by ISTS Licensee for Jan'21
23	Patran Transmission Company Limited	30.66	30.66	2.60	As per data furnished by ISTS Licensee for Jan'21
24	PURULIA & KHARAGPUR TRANSMISSION COMPANY LIMITED	72.44	72.44	6.15	As per data furnished by ISTS Licensee for Jan'21
25	RAPP TRANSMISSION COMPANY LIMITED	44.03	44.03	3.74	As per data furnished by ISTS Licensee for Jan'21

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'21	Equivalent MTC to be considered for Jan'21	Remarks
26	NER-II Transmission Limited	144.14	144.14	1.97	As per data furnished by ISTS Licensee for Jan'21. 400/132 kV Surajmaninagar S/s, 400/132 kV P.K. Bari S/s, 400 kV Surajmaninagar - PKbari Line and 400kV line bays at Palatana GBPP Switchyard for termination of Palatana – Surajmaninagar 400kV D/C line (Palatana Bays) are declared as Deemed Commissioned w.e.f. 27-01-2021 as per subject provisions of Article 6 of TSA by the licensee. Accordingly, 5 days equivalent MTC is considered.
27	Teestavalley Power Transmission Limited	289.56	289.56	24.59	As per data furnished by ISTS Licensee for Jan'21
28	Torrent Power Grid Limited	46.68	47.45	4.03	As per data furnished by ISTS Licensee for Jan'21. YTC applicable for FY 2020-21 has been worked out by the licensee itself considering the effect of additional MAT and interest on working capital on approved YTC for FY 2018-19 in the absence of approved YTC for 2020-21 by CERC. YTC approved for FY 2018-19 by CERC has been considered.
29	Darbhanga-Motihari Transmission Company Limited	119.03	119.03	10.11	As per data furnished by ISTS Licensee for Jan'21
30	NRSS XXXI (B) Transmission Limited	90.76	90.76	7.71	As per data furnished by ISTS Licensee for Jan'21
31	Jaypee Powergrid Limited	161.36	161.36	13.70	As per data furnished by ISTS Licensee for Jan'21.
32	KOHIMA MARIANI TRANSMISSION LIMITED	167.40	167.40	14.22	As per data furnished by ISTS Licensee for Jan'21.
33	RAICHUR SHOLAPUR TRANSMISSION COMPANY PRIVATE LIMITED	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Jan'21

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'21	Equivalent MTC to be considered for Jan'21	Remarks
34	DAMODAR VALLEY CORPORATION	144.40	137.08	11.64	Data not furnished for Jan'21. Considered the data furnished by ISTS Licensee for Dec'20. , YTC claimed by licensee includes availability incentive and carrying cost. These are excluded and only CERC approved tariff same as in Nov'20 has been considered. As per Regulation, licensee may claim incentives and carrying cost in second bill.
35	Powerlinks Transmission Limited	221.49	221.49	18.81	As per data furnished by ISTS Licensee for Jan'21. Incentives claimed are not considered. Shall be claimed through second bill.
36	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished by ISTS Licensee for Jan'21. Data as furnished by ISTS Licensee for Dec'20 has been considered.
37	Warora-Kurnool Transmission Limited	5.46	5.46	0.46	Data not furnished by ISTS Licensee for Jan'21. Data as furnished by ISTS Licensee for Dec'20 has been considered. Cost of 240 MVAR reactor with bays at Warora end is considered under the sharing mechanism
38	POWERGRID VIZAG TRANSMISSION LIMITED	294.54	294.54	25.02	As per data furnished by ISTS Licensee for Jan'21
39	POWERGRID NM TRANSMISSION LIMITED	116.55	116.55	9.90	As per data furnished by ISTS Licensee for Jan'21
40	POWERGRID UNCHAHAHAR TRANSMISSION LIMITED	20.79	20.79	1.77	As per data furnished by ISTS Licensee for Jan'21
41	POWERGRID PARLI TRANSMISSION LIMITED	317.38	317.38	26.96	As per data furnished by ISTS Licensee for Jan'21
42	POWERGRID KALA AMB TRANSMISSION LIMITED	72.515	72.52	6.16	As per data furnished by ISTS Licensee for Jan'21. Bilateral payment of HPSEB is also included in the claimed YTC
43	POWERGRID Southern Interconnector Transmission System Limited	449.68	449.68	38.19	As per data furnished by ISTS Licensee for Jan'21

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'21	Equivalent MTC to be considered for Jan'21	Remarks
44	POWERGRID JABALPUR TRANSMISSION LIMITED	243.68	243.68	20.70	As per data furnished by ISTS Licensee for Jan'21
45	POWERGRID WARORA TRANSMISSION LIMITED	352.07	352.07	29.90	As per data furnished by ISTS Licensee for Jan'21. 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.
46	NORTH EAST TRANSMISSION COMPANY LIMITED	351.53	351.53	29.86	As per data furnished by ISTS Licensee for Jan'21
47	Transmission Corporation of Andhra Pradesh (APTRANSCO)	283.72	57.74	4.90	As per data furnished by ISTS Licensee for Jan'21. CERC approved ISTS lines are only considered as per Sharing Regulations 2020
48	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	1.06	As per data furnished by ISTS Licensee for Jan'21
49	KARNATAKA POWER TRANSMISSION CORPORATION LIMITED	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Jan'21. CERC Tariff Order dated 12.06.2019 has been considered
50	DELHI TRANSCO LIMITED	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Jan'21. Data as furnished by ISTS Licensee for Dec'20 has been considered.
51	Power Transmission Corporation of Uttarakhand Ltd	44.88	44.88	3.81	Data not furnished by ISTS Licensee for Jan'21. CERC Tariff Order dated 20.04.2018 and 22.06.2018 have been considered
52	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	33.98	2.89	As per data furnished by ISTS Licensee for Jan'21.
53	TAMILNADU TRANSMISSION CORPORATION LIMITED	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Jan'21. CERC Tariff Order dated 16.11.2018 has been considered
54	CHHATTISGARH STATE POWER TRANSMISSION COMPANY LTD	0.75	0.75	0.06	As per data furnished by ISTS Licensee for Jan'21
55	HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LTD	2.61	2.61	0.22	Data not furnished by ISTS Licensee for Jan'21. Data as furnished by ISTS Licensee for Dec'20 has been considered.
56	ODISHA POWER TRANSMISSION CORPORATION LIMITED	9.80	9.67	0.82	As per data furnished by ISTS Licensee for Jan'21. 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.

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Jan'21	Equivalent MTC to be considered for Jan'21	Remarks
57	Uttarpradesh Power Transmission Corporation Limited (UPPTCL)	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
58	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
59	Gujarat Energy Transmission Corporation Limited(GETCO)	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
60	Maharashtra State Electricity Transmission Company Ltd (MAHATRANSCO)	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
61	West Bengal State Electricity Transmission Company Ltd (WBSETCL)	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
62	Haryana Vidyut Prasaran Nigam Limited (HVPNL)	8.09	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
63	Assam Electricity Grid Corporation Limited(AEGCL)	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available
64	Meghalaya Power Transmission Corporation Limited (MePTCL)	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff 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'21	Equivalent MTC to be considered for Jan'21	Remarks
65	Kerala State Electricity Board (KSEB)	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Jan'21. YTC has been considered as zero in line with CERC terms & conditions for Traiff Regulations 2019 as tariff as on 31.03.2019 is not available

TOTAL MTC considered for the billing period
Jan'21 from the claimed assets of ISTS licensees
(₹ Crores) **3384.03**

In ₹ 33840280603

Details of Entity-wise bilateral billing

Sl. No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
1	400 kV D/C Nabinagar-Sasaram Transmission Line and associated 400 kV line bays at Sasaram S/S	BRBCL Nabinagar	ER	6376679		As per Regulation 13(3) of Sharing Regulations 2020
2	02 Nos of 132 kV line bays at Daltonganj Substation	Jharkhand Urja Sancharan Nigam Limited (JUSNL)	ER	4063363	Jharkhand	As per Regulation 13(12) of Sharing Regulations 2020
3	04 Nos. 220 KV Bays at Daltonganj Sub-station;					
4	400kV D/C (Quad) Nabinagar-II – Gaya transmission line with 02 nos. associated bays at Gaya Sub-station	NPGC Nabinagar	ER	21607255		As per Regulation 13(3) of Sharing Regulations 2020
5	Circuit 1 of the 765 kV D/C Darlipalli TPS (NTPC)- Jharsuguda (Sundergarh) Pooling Station transmission line alongwith one 765 kV line Bays at Jharsuguda (Sundergarh) Pooling Station	NTPC Darlipalli	ER	4085673		As per Regulation 13(3) of Sharing Regulations 2020
6	132kV D/C Melriat– Sihhmui T/L alongwith associated bays at Melriat (PG) & Sihhmui (Mizoram) S/S in place of 132kV D/C Melriat-Melriat Transmission Line	P & E Department, Govt. of Mizoram	NER	3970562	Mizoram	As per Regulation 13(12) of Sharing Regulations 2020
7	220 kV, 2 nos. Line bays at Hamirpur Sub-station	Himachal Pradesh Power Transmission Corporation Limited (HPPTCL)	NR	1674000	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
8	02 Nos. 220 KV Line Bays (HPSEB Future Bays)	Himachal Pradesh State Electricity Board (HPSEB)	NR	52615727	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2021
9	GIS substation 7X105 MVA (1-ph), 400/220 kV at Kala Amb (Himachal Pradesh) and LILO of Karcham Wangtoo - Abdullapur 400 kV D/C					As per Regulation 13(12) of Sharing Regulations 2022

Sl. No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
10	400 kV D/C Meja-Allahabad transmission line along with associated bays at Allahabad	MUNPL Meja	NR	4435315		As per Regulation 13(3) of Sharing Regulations 2020
11	220kV, 2 Nos. Line bays at Jalandhar Substation	Punjab State Transmission Corporation Limited (PSTCL)	NR	1368429	Punjab	As per Regulation 13(12) of Sharing Regulations 2020
12	Asset-B(ii) 2 nos. 220 kV Line Bays at Kotputli S/S	Rajasthan DISCOMs	NR	1513479	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2021
13	2 nos. 220 kV line bays (#211 and 212) at 400/220 kV Jaipur (South) Substation	Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPNL)	NR	3217715	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2022
14	Extension of 400/220 kV Sikar Sub-station with 2 nos. 220 kV line bays					
15	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)	RAPP 7&8, NPCIL	NR	35288333		As per Regulation 13(3) of Sharing Regulations 2020
16	One No. 220kv line Bays (206 no. Bay) associated with Baghpat GIS Substation	Uttar Pradesh Power Transmission Corporation Limited (UPPTCL)	NR	5537449	Uttar Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
17	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation					
18	2 nos. 220kV bays (#206 & 207) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station					
19	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station					
20	400kV Srinagar Sub-station	Uttarakhand	NR	31352975	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020
21	400kV Srinagar-Srinagar PH Line					

Sl. No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
22	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Betam	SR	1148320		As per Regulation 13(3) of Sharing Regulations 2020
23	Asset 1. Kalpakkam PFBR-Sirucheru 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	12590841		As per Regulation 13(3) of Sharing Regulations 2020
24	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Karnataka DISCOMs	SR	1323148	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
25	04 No. 220 KV bays at 400/220kV Yelahanka Substation	Karnataka Power Transmission Corporation Limited (KPTCL)	SR	2710419	Karnataka	As per Regulation 13(12) of Sharing Regulations 2021
26	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-I	SR	801624		As per Regulation 13(9) of Sharing Regulations 2020
27	HVDC Mundra-Mahendergarh	Adani Power Limited	WR	344873892		--
28	2 nos. 220 kV line bays at Mapusa (Colvale) (Powergrid) Substation (for Mapusa-(Colvale) (Powergrid)-Tuem 220 kV D/C line)	Goa Electricity Department (GED), Goa	WR	1453413	Goa	As per Regulation 13(12) of Sharing Regulations 2020
29	Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation	Gujarat Urja Vikas Nigam Limited (GUVNL)	WR	1487830	Gujarat	As per Regulation 13(12) of Sharing Regulations 2021
30	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	MB Power	WR	12763640		As per Regulation 13(9) of Sharing Regulations 2020
31	2 Nos. 400 kV line bays at Indore Substation (for Indore (Powergrid)-Ujjain 400 kV D/C Line.	Madhya Pradesh Power Transmission Corporation Limited (MPPTCL)	WR	4242248	Madhya Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
32	1 no. 220 kV line bays at 400/220 kV Indore substation					

Sl. No.	Name of the Asset	Name of the beneficiary	Region	MTC in ₹	State Control Area in which the Bilateral charges are included	Remarks
33	1 no. 220 kV line bay at 400/220 kV Indore substation					
34	765 kV line bays at Jabalpur Pooling Station for 765 kV D/C Gadarwara STPS (NTPC)-Jabalpur Pooling Station transmission line	NTPC Gadarwada	WR	151523966		As per Regulation 13(3) of Sharing Regulations 2020
35	400/132kV, 7X105MVA Single Phase(Including One Spare) S/S at Surajmaninagar	PowerGrid Corportaiion of India Ltd	NER	197459		As per Regulation 13(12) of Sharing Regulations 2020
	400/132kV, 7X105MVA Single Phase(Including One Spare) S/S at P.K.Bari					
	Surajmaninagar- P.K.Bari 400kV D/C Line					
	2 no. 400kV Line bays at Palatana GBPP Switchyard for Termination of Palatana-Surajmaninagar 400kV D/C Line.					

TOTAL

712223755

Note: The details of bilateral billing mentioned are prepared on the basis of Format-I(c) received from ISTS Licensees.

LTA details of exempted Renewable Energy (RE) based generation for the billing period of Jan'21

(As furnished by CTU)

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted	LTA with tied up beneficiaries	Name of the beneficiaries	Effective date of LTA operationalization	Exempted quantum in MW (as on Jan-21)	Remarks
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 Mar'21 billing month
2	Ostro Kutch Wind Private Limited	WR	300	250	GRIDCO-50 MW, Jharkhand-50 MW, Bihar-50 MW, UPPCL-100MW	126MW: 24.08.18; 50MW: 02.11.18; 50MW: 29.12.18; 24MW: 30.03.19; 50MW: 14.04.19.	250	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
3	Inox Wind Infrastructure Services Limited	WR	500	500	Bihar -50 MW, Jharkhand -50 MW, UP -200 MW, BRPL -50 MW, Haryana -150 MW	500MW: 14.04.2019	200	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
4	ReNew Power Limited	WR	300	300	UP - 100 MW, PSPCL - 100 MW, GRIDCO - 50 MW, GOA - 50 MW	300MW: 01.05.19	212.1	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
5	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 Mar'21 billing month
6	Green Infra Wind Energy Ltd.	WR	300	300	PSPCL -200 MW, Bihar DISCOMs: 100 MW	300 MW: 04.11.19	300	No Billing for Mar'21 billing month

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted	LTA with tied up beneficiaries	Name of the beneficiaries	Effective date of LTA operationa lization	Exempted quantum in MW (as on Jan-21)	Remarks
					(NBPDCCL & SBPDCL)			
7	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 Mar'21 billing month
8	SEI Sunshine	WR	180	180	TPDDL-180 MW	90 MW:18.11.19; 90 MW: 01.04.20	90	
9	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.	234.6	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
10	ReNew Wind Energy (AP2) Private Limited (2 separate LTA grants, 1 to Haryana & 2nd to GRIDCO)	WR	262.5	262.5	Haryana	50 MW:25.02.20; 100 MW: 20.09.20; 20: 03.12.20; 40: 10.12.20; 43.75: 20.12.20	212.19	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
			37.5	37.5	GRIDCO	30: 10.12.2020 6.25: 20.12.2020	30.31	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
11	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 Mar'21 billing month

S.No	Name of the LTA customer (RE Injecting utility)	Region	Quantum of LTA Granted	LTA with tied up beneficiaries	Name of the beneficiaries	Effective date of LTA operationa lization	Exempted quantum in MW (as on Jan-21)	Remarks
12	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;	900	No Delayed part Billing for Mar'21 billing month, due to Non availability of approved CERC tariff order for ATS.
13	Karnataka Solar Power development Corporation Ltd	SR	2050	2050	Karnataka-1800 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 Mar'21 billing month
14	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 Billing for Mar'21 billing month
15	Orange Sironj Power Pvt. Ltd.	SR	200	200	Bihar - 100 MW, Haryana - 100 MW	200 MW: 22.02.19	200	No Billing for Mar'21 billing month
16	Betam Wing Energy Private Limited	SR	250.2	250.2	Bihar - 50.2 MW, Odisha- 100 MW, UPPCL -100 MW	250.2 MW:31.07.19	144.2	Already included in Format 13(3) G (1)
17	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL-500 MW	500 MW: 27.10.19	500	No Billing for Mar'21 billing month
18	Adani Reneable Energy Park Rajasthan Ltd.	NR	250	250	UPPCL-250 MW	250 MW: 27.10.19	250	No Billing for Mar'21 billing month
19	NTPC Ltd. (Auraiya Solar)	NR	20	20	UPPCL-20MW	15MW: 25.10.2020 5MW: 30.11.2020	0	Already included in Format 13(7)
20	Sprng Renewable Energy Pvt Limited	SR	300	300	UP-300 MW	300 MW: 30.11.19	0	Already included in Format 13(7)
	Total		8850.1	8800.1	0	0	7173.3	0

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