

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(भारत सरकार का उपक्रम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)
राष्ट्रीय भार प्रेषण केन्द्र / National Load Despatch Centre



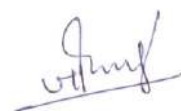
Notification of Transmission charges payable by DICs for Billing Month of May 2021

No: TC/04/2021

Date: 25.04.2021

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 **78th time block (19:15 Hrs to 19:30 Hrs) on 25th March, 2021** as a peak block for the billing period of Mar'21 and published the information of peak block on POSOCO website. Details of the inputs from entities have been received as per the stipulated timelines 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 16.04.2021 with last date of submission of comments as 19.04.2021. Comments have been received from Teesta Valley Power Transmission Ltd. and PowerGrid corporation of India 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 15.04.2021 for review and comments of DICs/ States in line with the notified procedures with the last date for submission of comments as 18.04.2021. Comments have been received from GRIDCO.
6. The methodology involved in the computation exercise along with the assumptions followed in the computations are enclosed at **Annexure-II**.

7. Accordingly, the transmission charges are hereby notified for the billing month of May'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 May'21 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of May'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 Mar'21 is given at **Annexure-VIII**.



(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 28.03.2021. PowerGrid has submitted its YTC along with its SPV's on 16.04.2021. Kohima Mariyani Transmission Ltd. Has submitted its YTC on 20.04.2021. 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 Mar'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	Aravali Power Company Private Limited
9	Essar Power Transmission Company Limited
10	Essar Power Transmission Company Limited (NTPC Portion)
11	Jindal Power Limited
12	Kudgi Transmission Limited
13	Parbati Koldam Transmission Company Limited (JV Of Rinfra And Powergrid Corporation Of India Limited)
14	Bhopal Dhule Transmission Company Ltd.
15	East North Interconnection Company Limited
16	Gurgaon Palwal Transmission Limited
17	Jabalpur Transmission Company Limited
18	Maheshwaram Transmission Limited
19	Khargone Transmission Company Ltd.
20	NRSS-XXIX Transmission Limited
21	Odisha Generation Phase-II Transmission Limited
22	Patran Transmission Company Limited
23	Purulia & Kharagpur Transmission Company Limited
24	Rapp Transmission Company Limited
25	NER-II Transmission Limited
26	Teestavalley Power Transmission Limited
27	Darbhanga-Motihari Transmission Company Limited
28	NRSS XXXI (B) Transmission Limited

Sl. No.	Name of ISTS Licensee
29	Kohima Mariani Transmission Limited
30	Powerlinks Transmission Limited
31	Powergrid Vizag Transmission Limited
32	Powergrid NM Transmission Limited
33	Powergrid Unchahar Transmission Limited
34	Powergrid Parli Transmission Limited
35	Powergrid Kala Amb Transmission Limited
36	Powergrid Southern Interconnector Transmission System Limited
37	Powergrid Jabalpur Transmission Limited
38	Powergrid Warora Transmission Limited
39	Powergrid Medinipur Jeerat Transmission Ltd
40	North East Transmission Company Limited
41	Transmission Corporation Of Andhra Pradesh (APTRANSCO)
42	Madhya Pradesh Power Transmission Co. Ltd.
43	Chhattisgarh State Power Transmission Company Ltd
44	Torrent Power Grid Ltd.
45	Raichur Sholapur Transmission Company Pvt Ltd.
46	Damodar Valley Corporation
47	Bhakra Beas Management Board
48	H.P. Power Transmission Corporation Ltd.
49	PowerGrid Mithilanchal Transmission Ltd.

- As per Sharing Regulations 2020 and NLDC notified Procedure for collection of data and information, CTU shall submit all required data and information as stipulated in Formats II(A) to II(G) within 7 days after the end of the billing period i.e by 07.04.2021. NLDC had provided the detailed list of ISTS assets of all licensees for segregation into various components as per stipulated formats on 16.04.2021. CTU has submitted the data in format II-C on 17.04.2021, formats II-A, II-B, II-D, II-G(1) to II-G(5) on 20.04.2021 and formats II-E, II-F on 23.04.2021.
- 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 07.04.2021 is as mentioned below:

Sr No.	WR	SR	NR	ER	NER	Others
1	Chattisgarh	Andhra Pradesh	Uttar Pradesh	DVC	Meghalaya	NTPC
2	Gujarat	Karnataka	Haryana	Odisha		NHPC
3	MP	Kerala	Himachal Pradesh	JITPL		
4	Maharashtra	Vallur(NTECL)	Delhi			
5	Goa	PVG ADYAH Block 1, 2, 3, 6, 10 & 13	Rajasthan			
6	D&D	Fortum Finnsurya Energy Private Ltd. (Pavagada)	Punjab			

7	DNH	PVG YARROW	BBMB			
8	Hazira	PVG Azure Power Earth	ACME Jaipur Solar Power Pvt. Ltd.			
9	ACBIL	ReNew Wind Energy (TN2) Private Limited (Pavagada)	RSPPL-Bikaner & RSPPL-Bhadla			
10	Spectrum Power	NTPL	PVG Amplus Kurukshetra & PVG Amplus Rewari			
11	Maruti Coal Power	TamilNadu				
12	BALCO	Telangana				
13	CGPL	Fortum Solar India Private Limited. (Pavagada)				
14	DB Power Ltd.	ACME REWARI Solar Power Pvt Ltd. (Pavagada)				
15	DGEN	ACME Kurukshetra Solar Energy Pvt. Ltd. (Pavagada)				
16	Dhariwal					
17	GMR Warora (EMCO)					
18	Raipur Energen (GMR Chhattisgarh)(GCEL)					
19	Jindal Stg-1					
20	JPL Stg-2					
21	Jhabua Power					
22	JP Nigrie					
23	KAPS 1&2					
24	Raigarh Energy (Korba West)					
25	KSK Mahanadi					
26	LANCO					
27	MB Power (Anuppur)					
28	Essar Mahan					
29	Ratnagiri Dabhol(RGPPL)					
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 (wind)					
38	Mahindra Renewables Pvt. Ltd. (RUMS)					
39	ARINSUM					
40	Bhuvad Renew (wind)					
41	VadwaGreen Infra(wind)(GIWEL)					

42	Roha Green infra (wind)(GIWELSEC13)					
43	Dayapar Inox(wind)					
44	Ratadiya AGEMPL (wind)					
45	Alfanar wind(Nanavalka)					
46	Renew AP2 Gadhsisa(wind)					
47	ACME RUMS					

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 Mar'21.
- C. wherever node wise generation and demand data has not been provided by DICs, SEM data/ SCADA data available with NLDC/RLDCs has been considered. In the absence of SEM/ SCADA

data, the node wise generation and demand data as available from TTC/ ATC base case / recently submitted base case of states has been considered.

c) Commercial Data considered in the computations

- A. The data as submitted by the ISTS Licensees has been examined by NLDC and suitably considered for computation of transmission charges for DICS for the billing period Mar'21. For the ISTS licensees who have not submitted YTC data for Mar'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 Mar'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. ISTS assets of the new licensee M/s. Powergrid MithilanchalTransmission Ltd 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
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:

- 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.

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. While running load flow, HVDC Sasaram have been bypassed to counter loop flows in the network.
- C. 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

Transmission Charges for Designated ISTS Customers (DICs) for the billing month of May'21

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	5229	166292387	972226461	47721252	110539325	223876198	50720139		1571375761
2	UP	NR	9954	753205738	1850813578	90846264	210432128	426189909	137134261	5537449	3474159327
3	Punjab	NR	4310	182520002	801449322	39338741	91122460	184551063	117788976	1368429	1418138993
4	Haryana	NR	3791	282844137	704900919	34599711	80145187	162318702	203729369		1468538025
5	Chandigarh	NR	224	6052724	41614929	2042648	4731497	9582739	2970061		66994598
6	Rajasthan	NR	4213	447403577	783440427	38454784	89074901	180404125	102274228	4731195	1645783235
7	HP	NR	1750	41492908	325375037	15970872	36994197	74924649	31209878	54289727	580257266
8	J&K	NR	2820	72125628	524288521	25734441	59610082	120728786	53480590		855968049
9	Uttarakhand	NR	1246	102615692	231672753	11371542	26340519	53347669	36856409	31352975	493557559
10	ADHPL	NR	169	3048094	31416198	1542048	3571931	7234260			46812531
11	GMR Kamalanga	NR	75	6782047	13945401	684503	1585552	3211230			26208733
12	WBSEDCL_Inj	NR	600	10003134	111563205	5476024	12684412	25689844			165416620
13	MB Power	NR	175	16270662	32539268	1597174	3699620	7492871			61599595
14	Jorthang	NR	43	2844753	8032551	394274	913278	1849669			14034524
15	Tashiding	NR	44	2529701	8116223	398381	922791	1868936			13836032
16	Northern Railways	NR							2512948		2512948
17	North Central Railways	NR							1799925		1799925
18	RAPP 7&8, NPCIL	NR								35288333	35288333
19	Gujarat	WR	6609	727025858	1228936257	60321725	139726483	93020141	56076283	979855	2306086602
20	Madhya Pradesh	WR	8246	602669807	1533327645	75262625	174334900	116060010	124838560	4242248	2630735793
21	Maharastra	WR	7111	854362026	1322216732	64900351	150332202	100080689	77223795		2569115794
22	Chattisgarh	WR	2788	125031352	518336307	25442280	58933333	39233700	23098642		790075614
23	Goa	WR	513	46162066	95359111	4680655	10842054	7217883	11758216	1453413	177473398
24	Daman Diu	WR	446	25860395	82971327	4072606	9433599	6280232	17366733		145984893

25	Dadra Nagar Haveli	WR	1061	110211848	197217477	9680322	22423054	14927705	9518627		363979032
26	Jindal Power Limited	WR	114	10274459	21271384	1044095	2418495	1610065			36618498
27	Spectrum Coal & Power	WR	28	7680907	5113314	250984	581369	387035			14013609
28	ACB Ltd	WR	23	3986792	4276590	209914	486236	323702			9283233
29	Torrent Power	WR	200	3926573	37187735	1825341	4228137	2814799			49982585
30	Sembcorp Energy India Ltd Project-I	WR	115	8606405	21382948	1049571	2431179	1618509			35088612
31	DB Power	WR	186	42905735	34584593	1697568	3932168	2617763			85737827
32	TRN Energy Pvt. Ltd.	WR	3	207712	557816	27380	63422	42222			898552
33	CSPTCL	WR	261	6415075	48529994	2382071	5517719	3673312			66518171
34	WBSEDCL_Inj	WR	400	6668756	74375470	3650683	8456275	5629598			98780781
35	KSK Mahanadi	WR	400	28260254	74375470	3650683	8456275	5629598			120372279
36	GMR Warora Energy Ltd, Maharashtra	WR	200	10937745	37187735	1825341	4228137	2814799			56993758
37	Jorthang	WR	43	2844753	8032551	394274	913278	607997			12792852
38	Tashiding	WR	44	2529701	8116223	398381	922791	614330			12581426
39	MB Power	WR								12763640	12763640
40	Adani Power Limited	WR								344873892	344873892
41	Andhra Pradesh	SR	1653	209831300	307299898	15083663	34939106	23580057	31217633		621951656
42	Telangana	SR	4257	289042368	791554493	38853059	89997447	60738386	32034612		1302220364
43	Tamil Nadu	SR	8566	841821636	1592839822	78183750	181101261	122223448	87033397	3939166	2907142481
44	Kerala	SR	2790	226752703	518678765	25459089	58972269	39799800	51500596		921163222
45	Karnataka	SR	5884	551198754	1094039870	53700403	124389155	83949009	106327752	3546655	2017151598
46	Pondicherry	SR	525	12769397	97546770	4788035	11090784	7485061	12572208		146252255
47	Goa-SR	SR	89	2426238	16484393	809128	1874228	1264898			22858885
48	Sembcorp Energy India Ltd Project-I	SR	55	4116107	10226627	501969	1162738	784720		806221	17598382
49	Sembcorp Energy India Ltd Project-II	SR	490	49052366	91109950	4472087	10358937	6991144			161984484

50	BHAVINI	SR								16530007	16530007
51	Betam	SR								1035096	1035096
52	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1010965	1010965
53	West Bengal	ER	2641	194750262	490973873	24099208	55822303	70192169	49322325		885160141
54	Odisha	ER	1675	194730514	311409649	15285388	35406373	44520737	67460544		668813204
55	Bihar	ER	4439	286995638	825458475	40517219	93852231	118011821	130425868		1495261252
56	Jharkhand	ER	842	37344836	156474603	7680478	17790708	22370420	51978981	4063363	297703388
57	Sikkim	ER	149	1620094	27655638	1357463	3144366	3953793	3638309		41369664
58	DVC	ER	622	57906955	115689472	5678560	13153557	16539567	8399122		217367234
59	Bangladesh	ER	782	14196091	145481257	7140875	16540796	20798754			204157773
60	BRBCL Nabinagar	ER								6376679	6376679
61	NPGC Nabinagar	ER								21495202	21495202
62	NTPC Darlipalli	ER								7935321	7935321
63	Arunachal Pradesh	NER	288	2037843	53505167	2626275	6083382	8578522	14887460		87718650
64	Assam	NER	1623	68538443	301865560	14816921	34321237	48398325	23381174		491321661
65	Manipur	NER	237	7683969	44126195	2165912	5017020	7074785	4494522		70562403
66	Meghalaya	NER	336	11359428	62478415	3066722	7103614	10017210	706369		94731758
67	Mizoram	NER	136	6282769	25362732	1244917	2883669	4066425	1532249	3970562	45343324
68	Nagaland	NER	170	6352983	31617825	1551945	3594855	5069309	25015429		73202346
69	Tripura	NER	353	8622949	65686785	3224203	7468397	10531610	24777745		120311688
70	PowerGrid Corporation of India Ltd	NER								5214693	5214693

TOTAL

102035

7808033047

18972317705

931246778

2157097417

2625414708

1787063935

572805083

34853978674

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	10167082
2	Madhya Bharat Power Corporation Limited	Sikkim	96	96	0	NA		96	2670172

Transmission Charges for Short Term Open Access (STOA)

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	41.74
2	UP	NR	48.40
3	Punjab	NR	45.65
4	Haryana	NR	53.80
5	Chandigarh	NR	41.57
6	Rajasthan	NR	54.09
7	HP	NR	41.75
8	J&K	NR	42.16
9	Uttarakhand	NR	51.52
10	Gujarat	WR	48.44
11	Madhya Pradesh	WR	44.24
12	Maharastra	WR	50.18
13	Chattisgarh	WR	39.36
14	Goa	WR	47.67
15	Daman Diu	WR	45.44
16	Dadra Nagar Haveli	WR	47.66
17	Andhra Pradesh	SR	52.27
18	Telangana	SR	42.49
19	Tamil Nadu	SR	47.07
20	Kerala	SR	45.86
21	Karnataka	SR	47.53
22	Pondicherry	SR	38.72
23	Goa-SR	SR	35.81
24	West Bengal	ER	46.56
25	Odisha	ER	55.46
26	Bihar	ER	46.78
27	Jharkhand	ER	48.46
28	Sikkim	ER	38.63
29	DVC	ER	48.52
30	Bangladesh	ER	36.24
31	Arunachal Pradesh	NER	42.34
32	Assam	NER	42.03
33	Manipur	NER	41.30
34	Meghalaya	NER	39.16
35	Mizoram	NER	42.13
36	Nagaland	NER	59.79
37	Tripura	NER	47.30

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	9590.34	
2	Delhi	NR	5225.00	
3	Haryana	NR	3733.47	
4	Uttarakhand	NR	1245.96	
5	Punjab	NR	4310.29	
6	Rajasthan	NR	4212.48	
7	Himachal Pradesh	NR	1749.91	
8	Jammu & Kashmir	NR	2819.69	
9	Chandigarh	NR	223.81	
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	53.15	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	4.42	Haryana
22	MB Power	NR	175.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Chuzachen	NR	0.00	
26	Jorthang	NR	43.20	
27	Tashiding	NR	43.65	
28	Gujarat	WR	6495.23	
29	Madhya Pradesh	WR	8045.22	
30	Chhattisgarh	WR	2771.22	
31	Maharashtra	WR	6999.58	
32	GOA	WR	512.85	
33	Daman Diu	WR	446.23	
34	Dadra Nagar Haveli	WR	1060.66	
35	HVDC Bhadravathi	WR	1.76	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	4.27	Chhattisgarh
41	HVDC Raigarh	WR	0.94	Chhattisgarh
42	Railways_Gujarat	WR	101.25	Gujarat
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	WBSEDCL	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	1674.80	
63	WEST BENGAL	ER	2604.42	
64	SIKKIM	ER	148.74	
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	1649.27	
75	Karnataka	SR	5839.64	
76	KSEB	SR	2788.59	
77	Tamil Nadu	SR	8551.13	
78	Telangana	SR	4257.07	
79	Puducherry	SR	524.62	
80	Goa	SR	88.66	
81	SAIL, Salem	SR	13.65	Tamil Nadu
82	Railways_Karnataka	SR	42.50	Karnataka
83	PG-HVDC Gazuwaka	SR	1.69	Andhra Pradesh
84	PG-HVDC Talcher	SR	1.73	Andhra Pradesh
85	PG-HVDC Kolar	SR	1.73	Karnataka
86	PG-HVDC Pugalur	SR	1.70	Tamil Nadu
87	PG-HVDC Thrissur	SR	0.93	Kerala
88	Sembcorp Energy India Ltd Project-I	SR	55.00	
89	Sembcorp Energy India Ltd Project-II	SR	490.00	
90	Arunachal Pradesh	NER	287.76	
91	Assam	NER	1621.84	
92	Manipur	NER	237.32	
93	Meghalaya	NER	336.02	
94	Mizoram	NER	136.40	
95	Nagaland	NER	170.04	
96	Tripura	NER	353.27	
97	PG-HVDC BNC	NER	1.63	Assam

Total 102035.35

***Note: Transmission charges of the state are to be shared on prorata basis on the basis of LTA/MTOA of the DICs included in the state's control area as mentioned in the table**

Transmission Charges claimed by ISTS licensees for the billing period Mar'21

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Mar'21 (₹ Cr)	Equivalent MTC to be considered for Mar'21 (₹ Cr)	Remarks
1	POWERGRID	32697.45	32697.45	2777.04	As per data furnished by ISTS Licensee for Mar'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 Mar'21
3	CHHATTISGARH-WR TRANSMISSION LIMITED.	165.00	165.00	14.01	As per data furnished by ISTS Licensee for Mar'21
4	RAIPUR RAJNANDGAON-WR TRANSMISSION LIMITED.	219.74	219.74	18.66	As per data furnished by ISTS Licensee for Mar'21
5	SIPAT TRANSMISSION LIMITED.	95.86	95.86	8.14	As per data furnished by ISTS Licensee for Mar'21
6	Western Transmission Gujarat Limited	58.35	58.35	4.96	As per data furnished by ISTS Licensee for Mar'21
7	Western Transco Power Limited	107.37	107.37	9.12	As per data furnished by ISTS Licensee for Mar'21
8	ALIPURDUAR TRANSMISSION LIMITED	159.40	159.40	13.54	As per data furnished by ISTS Licensee for Mar'21
9	ARAVALI POWER COMPANY PRIVATE LIMITED	12.77	12.77	1.08	As per data furnished by ISTS Licensee for Mar'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.
11	Essar Power Transmission Company Limited (NTPC portion)	3.46	3.46	0.29	As per data furnished by ISTS Licensee for Mar'21
12	Jindal Power Limited	19.12	19.12	1.62	As per data furnished by ISTS Licensee for Mar'21
13	Kudgi Transmission Limited	196.29	196.29	16.67	As per data furnished by ISTS Licensee for Mar'21
14	Parbati Koldam Transmission Company Limited (JV of Rinfra and PowerGrid Corporation of India Limited)	171.37	171.37	14.55	As per data furnished by ISTS Licensee for Mar'21

15	BHOPAL DHULE TRANSMISSION COMPANY LTD.	260.04	260.04	22.09	As per data furnished by ISTS Licensee for Mar'21
16	EAST NORTH INTERCONNECTION COMPANY LIMITED	143.38	143.38	12.18	As per data furnished by ISTS Licensee for Mar'21
17	GURGAON PALWAL TRANSMISSION LIMITED	147.50	147.50	12.53	As per data furnished by ISTS Licensee for Mar'21
18	JABALPUR TRANSMISSION COMPANY LIMITED	147.00	147.00	12.48	As per data furnished by ISTS Licensee for Mar'21
19	MAHESHWARAM TRANSMISSION LIMITED	55.89	55.89	4.75	As per data furnished by ISTS Licensee for Mar'21
20	KHARGONE TRANSMISSION COMPANY LTD.	105.98	105.98	9.00	As per data furnished by ISTS Licensee for Mar'21
21	NRSS-XXIX TRANSMISSION LIMITED	502.11	502.11	42.64	As per data furnished by ISTS Licensee for Mar'21
22	ODISHA GENERATION PHASE-II TRANSMISSION LIMITED	161.43	161.43	13.71	As per data furnished by ISTS Licensee for Mar'21
23	Patran Transmission Company Limited	30.66	30.66	2.60	As per data furnished by ISTS Licensee for Mar'21
24	PURULIA & KHARAGPUR TRANSMISSION COMPANY LIMITED	72.44	72.44	6.15	As per data furnished by ISTS Licensee for Mar'21
25	RAPP TRANSMISSION COMPANY LIMITED	44.03	44.03	3.74	As per data furnished by ISTS Licensee for Mar'21
26	NER-II Transmission Limited	392.29	392.29	33.32	As per data furnished by ISTS Licensee for Mar'21.
27	Teestavalley Power Transmission Limited	289.56	289.56	24.59	As per data furnished by ISTS Licensee for Mar'21
28	Torrent Power Grid Limited	46.68	47.45	4.03	Data not furnished for Mar'21. Considered the data furnished by ISTS Licensee for Jan'21.
29	Darbhanga-Motihari Transmission Company Limited	119.03	119.03	10.11	As per data furnished by ISTS Licensee for Mar'21
30	NRSS XXXI (B) Transmission Limited	90.76	90.76	7.71	As per data furnished by ISTS Licensee for Mar'21
31	Jaypee Powergrid Limited	161.36	161.36	13.70	Data not furnished for Mar'21. Considered the same as in the earlier billing period.
32	KOHIMA MARIANI TRANSMISSION LIMITED	167.40	167.40	14.22	As per data furnished by ISTS Licensee for Mar'21.
33	RAICHUR SHOLAPUR TRANSMISSION COMPANY PRIVATE LIMITED	35.20	35.20	2.99	As per data furnished by ISTS Licensee for Mar'21.
34	DAMODAR VALLEY CORPORATION	137.08	137.08	11.64	As per data furnished by ISTS Licensee for Mar'21. Incentive and carrying cost claimed for previous FY may be claimed with CTU through second bill as per Regulations.
35	Powerlinks Transmission Limited	155.36	155.36	13.19	As per data furnished by ISTS Licensee for Mar'21.

36	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished by ISTS Licensee for Mar'21. Data as furnished by ISTS Licensee for Jan'21 has been considered.
37	Warora-Kurnool Transmission Limited	5.46	5.46	0.46	Data not furnished by ISTS Licensee for Mar'21. Data as furnished by ISTS Licensee for Jan'21 has been considered. Cost of 240 MVAR reactor with bays at Warora end is considered under the sharing mechanism
38	POWERGRID VIZAG TRANSMISSION LIMITED	294.55	294.55	25.02	As per data furnished by ISTS Licensee for Mar'21
39	POWERGRID NM TRANSMISSION LIMITED	116.55	116.55	9.90	As per data furnished by ISTS Licensee for Mar'21
40	POWERGRID UNCHAHAR TRANSMISSION LIMITED	20.79	20.79	1.77	As per data furnished by ISTS Licensee for Mar'21
41	POWERGRID PARLI TRANSMISSION LIMITED	326.22	326.22	27.71	As per data furnished by ISTS Licensee for Mar'21
42	POWERGRID KALA AMB TRANSMISSION LIMITED	72.515	72.52	6.16	As per data furnished by ISTS Licensee for Mar'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 Mar'21
44	POWERGRID JABALPUR TRANSMISSION LIMITED	243.68	243.68	20.70	As per data furnished by ISTS Licensee for Mar'21
45	POWERGRID WARORA TRANSMISSION LIMITED	364.20	364.20	30.93	As per data furnished by ISTS Licensee for Mar'21.
46	POWERGRID MEDINIPUR JEERAT TRANSMISSION LIMITED	319.23	319.23	27.11	As per the data furnished by the licensee for Mar'21.
47	POWERGRID MITHILANCHAL TRANSMISSION LIMITED	39.80	39.80	2.29	New ISTS Licensee. As per the data furnished by the licensee for Mar'21. CoD w.e.f. 11.03.2021; hence cost has been considered for 21 days.
48	NORTH EAST TRANSMISSION COMPANY LIMITED	351.53	351.53	29.86	As per data furnished by ISTS Licensee for Mar'21
49	Transmission Corporation of Andhra Pradesh (APTRANSCO)	283.72	57.74	4.90	As per data furnished by ISTS Licensee for Mar'21. CERC approved ISTS lines are only considered as per Sharing Regulations 2020
50	Madhya Pradesh Power Transmission Co. Ltd.	12.54	12.54	1.06	As per data furnished by ISTS Licensee for Mar'21
51	KARNATAKA POWER TRANSMISSION CORPORATION LIMITED	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Mar'21. CERC Tariff Order dated 12.06.2019 has been considered
52	DELHI TRANSCO LIMITED	3.12	3.12	0.26	Data not furnished by ISTS Licensee for Mar'21. Data as furnished by ISTS Licensee for Dec'20 has been considered.
53	Power Transmission Corporation of Uttarakhand Ltd	44.88	44.88	3.81	Data not furnished by ISTS Licensee for Mar'21. CERC Tariff Order dated 20.04.2018 and 22.06.2018 have been considered
54	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	33.98	2.89	Data not furnished by ISTS Licensee for Mar'21. Data as furnished by ISTS Licensee for Jan'21 has been considered.

55	TAMILNADU TRANSMISSION CORPORATION LIMITED	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Mar'21. CERC Tariff Order dated 16.11.2018 has been considered
56	CHHATTISGARH STATE POWER TRANSMISSION COMPANY LTD	0.75	0.75	0.06	As per data furnished by ISTS Licensee for Mar'21
57	HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LTD	2.61	2.61	0.22	As per data furnished by ISTS Licensee for Mar'21
58	ODISHA POWER TRANSMISSION CORPORATION LIMITED	9.80	9.67	0.82	Data not furnished by ISTS Licensee for Mar'21. 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.
59	Uttarpradesh Power Transmission Corporation Limited (UPPTCL)	27.23	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
60	Power Development Department, Jammu & Kashmir	10.11	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
61	Gujarat Energy Transmission Corporation Limited (GETCO)	5.71	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
62	Maharashtra State Electricity Transmission Company Ltd (MAHATRANSCO)	97.68	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
63	West Bengal State Electricity Transmission Company Ltd (WBSETCL)	32.05	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
64	Haryana Vidyut Prasaran Nigam Limited (HVPNL)	8.09	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
65	Assam Electricity Grid Corporation Limited (AEGCL)	10.78	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
66	Meghalaya Power Transmission Corporation Limited (MePTCL)	3.61	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. 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
67	Kerala State Electricity Board (KSEB)	10.06	0.00	0.00	Data not furnished by ISTS Licensee for Mar'21. YTC has been considered as zero in line with CERC terms & conditions for Tariff Regulations 2019 as tariff as on 31.03.2019 is not available

TOTAL MTC considered for the billing period
Mar'21 from the claimed assets of ISTS licensees **3485.40**
(₹ Crores)

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	21495202		As per Regulation 13(3) of Sharing Regulations 2020
5	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	7935321		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
10	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

11	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
12	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
13	Extension of 400/220 kV Sikar Sub-station with 2 nos. 220 kV line bays					
14	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
15	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
16	One No. 220kv line Bays (207 no. Bay) associated with Baghpat GIS Substation					
17	2 nos. 220kV bays (#206 & 207) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station					
18	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)-Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub-Station					
19	400kV Srinagar Sub-station	Uttarakhand	NR	31352975	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020
20	400kV Srinagar-Srinagar PH Line					
21	2X500MVA 400/230kV transformers along with associated bays and equipment at new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Betam	SR	1035096		As per Regulation 13(3) of Sharing Regulations 2020

22	Asset 1. Kalpakkam PFBR-Sirucheri 230 kV D/C Line, Asset 2. Kalpakkam PFBR - Arani 230 KV D/C Line, Asset3. 230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)	SR	16530007		As per Regulation 13(3) of Sharing Regulations 2020
23	220 kV line bays at Madhugiri for termination of 220 kV D/C Madhugiri – Nittur line	Karnataka DISCOMs	SR	836236	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
24	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
25	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-I	SR	806221		As per Regulation 13(9) of Sharing Regulations 2020
26	HVDC Mundra-Mahendergarh	Adani Power Limited	WR	344873892		--
27	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
28	Asset 3: 2 nos. 220 kV line bays at 400/220 kV Pirana substation	Gujarat Urja Vikas Nigam Limited (GUVNL)	WR	979855	Gujarat	As per Regulation 13(12) of Sharing Regulations 2021
29	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	MB Power	WR	12763640		As per Regulation 13(9) of Sharing Regulations 2020
30	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
31	1 no. 220 kV line bays at 400/220 kV Indore substation					
32	1 no. 220 kV line bay at 400/220 kV Indore substation					
33	2 no. 400kV Line bays at Palatana GBPP Switchyard for Termination of Palatana- Surajmaninagar 400kV D/C Line.	PowerGrid Corportaion of India Ltd	NER	5214693		As per Regulation 13(12) of Sharing Regulations 2020

34	2 nos. 220 kV Line bays (Bay No 209 & 211) at NP Kunta substation	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR	1010965		As per Regulation 13(3) of Sharing Regulations 2020
35	230 kV D/C Kalpakkam PFBR-Kanchipuram transmission line and 2 numbers of 230 kV Bays at Kanchipuram Sub-station of TNEB	TamilNadu Transmission Corporation Ltd.	SR	3939166	Tamil Nadu	As per Regulation 13(3) of Sharing Regulations 2020

TOTAL

572805083

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 Mar'21

(As furnished by CTU- cumulative till Mar'21)

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	Effective date of LTA/MTOA operationlization	Exempted quantum in MW (as on Mar-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 May'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 May'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 May'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	230.1	No Delayed part Billing for May'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 May'21 billing month
6	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 May'21 billing month
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 May'21 billing month
8	SEI Sunshine	WR	180	180	TPDDL-180 MW	90 MW:18.11.19; 90 MW: 01.04.20	180	No Billing for May'21 billing month
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; 28MW: 10.02.21	261.6	No Delayed part Billing for May'21 billing month, due to Non availability of approved CERC tariff order for ATS. Already included in Format II G(2).

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 4.375: 27.01.21 4.375: 19.02.21	262.5	No Delayed part Billing for May'21 billing month, due to Non availability of approved CERC tariff order for ATS. Already included in Format II G(2).
			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	No Delayed part Billing for May'21 billing month, due to Non availability of approved CERC tariff order for ATS. Already included in Format II G(2).
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 May'21 billing month
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;	1104	Already included in Format II G (1)
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 May'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 May'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 May'21 billing month
16	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	156.2	Already included in Format II G (1)
17	Saurya Urja Company of Rajasthan Limited	NR	500	500	UPPCL-500 MW	500 MW: 27.10.19	500	No Billing for May'21 billing month
18	Adani Renewable EnergyPark Rajasthan Ltd.	NR	250	250	UPPCL-250 MW	250 MW: 27.10.19	250	No Billing for May'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 II G(3)
20	Sprng Renewable Energy Pvt Limited	SR	300	300	UP-300 MW	300 MW: 30.11.19	0	Already included in Format II G(3)
21	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	0	No Billing for May'21 billing month. Already included in Format II G(2)
22	Continuum Power Trading (TN) Pvt. Ltd	WR	50	50	MP	15.02.2021	0	No Billing for May'21 billing month. Already included in Format II G(2)
23	Mahoba Solar (UP) Pvt. Ltd	NR	200	200	MSEDCL	26.10.2019	200	MTOA

24	Azure Power India Pvt. Ltd	NR	130	130	MSEDCL	26.10.2019	130	MTOA
25	Tata Power Renewable Energy Ltd	NR	150	150	MSEDCL	26.10.2019	150	MTOA
26	ACME Solar Holdings Ltd. (250MW)	NR	250	250	MSEDCL	26.10.2019	250	MTOA
27	Renew Solar Power Private Limited	NR	250	250	MSEDCL	26.10.2019	250	MTOA
28	Adani Green Energy (MP) Limited	WR	75	75	MSEDCL	01.01.2020	75	MTOA
29	Azure Power India Pvt. Ltd (MTOA)	NR	300	300	GRIDCO	01.02.2021	300	MTOA
	Total		10505.1	10455.1			8936.8	

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