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

Amendment to the notification of Transmission charges payable by DICs for the Billing Month of June 2021

No: TC/10/2021/R1

Date: 11.10.2021

- 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. Implementing Agency vide its notification dated 27.05.2021 had notified the transmission charges for the DICs for billing month of June,2021 in line with Sharing Regulations 2020. Subsequent to the notification, CTU vide email dated 02.09.2021 had submitted revised format-II (G4) for the billing period from Nov'20 to June'21 including YTC of 400 kV NCC Power projects Ltd. Nellore PS D/C (quad) linein line with the clause 13(9) of Sharing Regulations,2020. The same has been considered in the revised computation for the billing period of Apr'21.
- 3. As per clause 13(13) of Sharing Regulations,2020, tariff of Intra-State transmission assets is to be considered only for the period for which such tariff has been approved by CERC. Accordingly, in the absence of the CERC approved tariff for FY 2021-22, YTC of Intra-State lines owned by DVC and Rajasthan are excluded from the computation of transmission charges.
- 4. Further, it was brought to the notice of Implementing Agency that apportionment of transmission charges of merchant generators to the DICs in the ratio of their transmission charges in line with Sharing Regulations,2010 had been continued inadvertently while implementing the Sharing Regulations,2020. This error has been rectified in the revised computation for the billing period of Apr'21.
- 5. As per Annexure-1 of the Sharing Regulations,2020, for allocation of transmission charges for Injecting DICs having untied-LTA and part LTA with identified beneficiary under AC-Usage Based Component, injection during peak block is to be segregated in the ratio of untied LTA and LTA with identified beneficiary while modelling the respective generators in the simulation base case. Transmission charges are to be computed only for the injection corresponding to the untied LTA. It was brought to the notice of Implementing Agency that for some of the injecting DICs, transmission charges under AC-UBC had been computed for the injection equal to untied LTA instead of injection corresponding to untied LTA during the peak block.

Injection considered for AC-UBC corresponding to untied LTA has been changed for the following injecting DICs in the revised computation for the billing period of Apr'21:

- SEIL-Project-2: 832 MW (corresponding to un-tied LTA of 490MW) instead of 740 MW.
- Jindal Stage-1: 435 MW (corresponding to un-tied LTA of 114.4MW) instead of 114.4 MW.
- ACBIL: 5 MW (corresponding to un-tied LTA of 23MW) instead of 29 MW.
- West Bengal (WBSEDCL inj): 0 MW (net injection into ISTS during peak block) instead of 1000 MW.
- Chhattisgarh (CSPTCL inj): 0 MW (net injection into ISTS during peak block) instead of 395 MW.
- 6. As per the 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. CERC vide order dated 04.06.2021 in I.A. No. 32/2021 in Petition No. 92/MP/2021 has approved exclusive tariff of 400kV Hazira-Gandhar Line and GIS S/s at Hazira and the same has been considered in the revised computation for the billing period of April,2021.
- 7. In view of above, Implementing Agency has revised the computations after incorporating all the required corrections and amended the notification of transmission charges for the DICs for the billing month of June'21.

8. Applicability of Transmission charges:

- a) The notified transmission charges payable by DICs for the billing month of June'21 shall be used by RPCs for preparation of revised Regional Transmission Account (RTA) for the billing month June'21. RPCs shall prepare revised RTA for the billing month of June'21 considering the regional DIC wise break up of LTA/MTOA enclosed along with this notification.
- b) The revised transmission charges payable by DICs for LTA/MTOA are given at Annexure-I.
- c) Regional DIC wise break up of LTA/MTOA is given at Annexure-II.
- d) ISTS licensee wise break up of Monthly Transmission Charges (MTC) is given at Annex-III.
- e) Entity-wise details of bilateral billing is given separately at Annexure-IV.
- f) Rest all other details are same as in the notification dated 27.05.2021.

(जी चक्रवर्ती) मुख्य महाप्रबंधक/ रा. भा. प्रे. के

NOTIFICATION OF TRANSMISSION CHARGES PAYABLE BY DICS FOR THE BILLING MONTH OF JUNE'21 | Page 2 of 18

<u>Annexure-I</u>

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

S.No.	Zone	Region	LTA Demand / Injection	Usage based Balance AC AC system system National Component (₹) charges (₹) charges (₹)		Regional Component (₹)	Transforme rs component (₹)	Bilateral Charges (₹)	Total Transmission charges		
			(in MW)	AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	тс		payable in ₹
1	Delhi	NR	5230	185262225	933397994	46281671	107050361	216139547	49073011		1537204809
2	UP	NR	10397	787014563	1855525066	92004485	212808074	429669176	136853761	5358822	3519233946
3	Punjab	NR	4288	241098255	765315753	37947470	87773199	177218080	114668155	1324286	1425345198
4	Haryana	NR	3813	386873474	680607492	33747289	78058104	157602862	195414483		1532303704
5	Chandigarh	NR	334	8052238	59534623	2951969	6827959	13785959	2874253		94027001
6	Rajasthan	NR	4213	347966089	751988464	37286649	86244707	174131986	98814724	4578575	1501011195
7	HP	NR	1750	43962273	312313006	15485750	35818826	72319838	30203107	51193159	561295959
8	J&K	NR	2286	85547005	408063360	20233442	46800326	94491985	51748470		706884589
9	Uttarakhand	NR	1197	120526380	213672753	10594765	24505887	49478499	35322433	30341589	484442306
10	ADHPL	NR	169	1140554	30155010	1495208	3458444	6982756			43231971
11	GMR Kamalanga	NR	75	7053729	13385569	663711	1535176	3099590			25737774
12	WBSEDCL_Inj	NR	600	0	107084551	5309688	12281406	24796718			149472363
13	MB Power	NR	175	14668412	31232994	1548659	3582077	7232376			58264517
14	Jorthang	NR	24	0	4369050	216635	501081	1011706			6098472
15	Tashiding	NR	25	0	4413668	218848	506199	1022038			6160753
16	Northern Railways	NR							2431885		2431885
17	North Central Railways	NR							1981331		1981331
18	RAPP 7&8, NPCIL	NR								34150000	34150000
19	Gujarat	WR	6943	539060000	1239157041	61442449	142117521	93499535	52730577	944301	2128951425
20	Madhya Pradesh	WR	8024	592063801	1432116644	71010172	164247840	108059136	119422451	4105401	2491025444
21	Maharastra	WR	7111	760942529	1269138612	62929058	145556074	95761768	74745116		2409073157
22	Chattisgarh	WR	2787	100752858	497334787	24659883	57038765	37525971	22386066		739698329
23	Goa	WR	513	41523367	91535300	4538693	10498080	6906718	11379136	1406529	167787823
24	Daman Diu	WR	446	22099251	79661975	3949965	9136342	6010826	16673168		137531526

S.No.	Zone	Region	LTA Demand /	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Co	nponent (₹)	Regional Component (₹)	Transforme rs component (₹)	Bilateral Charges	Total Transmission charges
			Injection (in MW)	AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	тс	(₹)	payable in ₹
25	Dadra Nagar Haveli	WR	1033	98345014	184380701	9142346	21146414	13912288	9109288		336036051
26	Jindal Power Limited	WR	114	33013634	20417454	1012380	2341655	1540582			58325705
27	Spectrum Coal & Power	WR	28	7860489	4908042	243361	562898	370332			13945121
28	ACB Ltd	WR	23	485715	4104908	203538	470787	309732			5574680
29	Torrent Power	WR	200	5220071	35694850	1769896	4093802	2693324			49471944
30	Sembcorp Energy India Ltd Project-I	WR	115	9570605	20524539	1017690	2353936	1548662			35015432
31	DB Power	WR	186	38567658	33196211	1646003	3807236	2504792			79721900
32	TRN Energy Pvt. Ltd.	WR	3	215849	535423	26548	61407	40400			879627
33	CSPTCL	WR	261	0	46581780	2309714	5342412	3514788			57748694
34	WBSEDCL_Inj	WR	400	0	71389701	3539792	8187604	5386649			88503746
35	KSK Mahanadi	WR	400	39117517	71389701	3539792	8187604	5386649			127621263
36	GMR Warora Energy Ltd, Maharashtra	WR	200	5959203	35694850	1769896	4093802	2693324			50211076
37	Jorthang	WR	43	0	7710088	382298	884261	581758			9558405
38	Tashiding	WR	44	0	7790401	386280	893472	587818			9657971
39	ArcelorMittal and Nippon Steel	WR							12782697		12782697
40	MB Power	WR								12351910	12351910
41	Adani Power Limited	WR								333748928	333748928
42	Andhra Pradesh	SR	1653	264812967	295088734	14631700	33843394	22681326	30210612		661268734
43	Telangana	SR	4248	276045087	758193437	37594316	86956349	58276819	31001237		1248067246

S.No.	Zone	Region	LTA Demand / Injection	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Co	mponent (₹)	Regional Component (₹)	Transforme rs component (₹)	Bilateral Charges (₹)	Total Transmission charges
			(in MW)	AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	тс	(4	payable in ₹
44	Tamil Nadu	SR	8620	844745981	1538485936	76284394	176447214	118252233	84601468	3812096	2842629323
45	Kerala	SR	2792	226346145	498243379	24704935	57142970	38296348	49332765		894066541
46	Karnataka	SR	5824	401795021	1039497685	51542526	119218815	79898632	101675909	3434301	1797062890
47	Pondicherry	SR	534	16952498	95217615	4721277	10920401	7318686	12166653		147297131
48	Goa-SR	SR	90	2046828	16075363	797082	1843665	1235596			21998534
49	Sembcorp Energy	SR	55	4577246	9816084	486721	1125796	754491		644513	17404851
50	Sembcorp Energy India Ltd Project-II	SR	490	65605080	87452384	4336245	10029815	6721829		6963812	181109165
51	BHAVINI	SR								15996781	15996781
52	Betam	SR								897409	897409
53	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								489176	489176
54	West Bengal	ER	2540	224587528	453361627	22479515	51995533	66776997	47565118		866766317
55	Odisha	ER	1675	93251280	298908758	14821113	34281508	44027170	65250796		550540624
56	Bihar	ER	4440	284395614	792362647	39288565	90875177	116709477	140324985		1463956465
57	Jharkhand	ER	842	41286869	150198744	7447465	17226124	22123225	50262158	3715477	292260061
58	Sikkim	ER	102	1893495	18206559	902755	2088090	2681699	3520945		29293543
59	DVC	ER	622	41954893	111045172	5506072	12735645	16356177	8153034		195750993
60	Bangladesh	ER	782	12906639	139642107	6924024	16015396	20568306			196056471
61	BRBCL Nabinagar	ER								5972404	5972404
62	NPGC Nabinagar	ER								20584932	20584932

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Cor	mponent (₹)	Regional Component (₹)	Transforme rs	Bilateral Charges	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	component (₹)	(₹)	
63	NTPC Darlipalli	ER								7510110	7510110
64	Arunachal Pradesh	NER	288	3110520	51357409	2546509	5890123	8491196	14385329		85781087
65	Assam	NER	1623	81300765	289701849	14364597	33225578	47897963	22614933	878066	489983750
66	Manipur	NER	237	12295476	42354769	2100122	4857621	7002741	4349537		72960267
67	Meghalaya	NER	336	7172907	60017400	2975907	6883328	9922999	683582		87656124
68	Mizoram	NER	136	15743009	24344691	1207109	2792065	4025039	1482821	3842479	53437213
69	Nagaland	NER	170	10360216	30348944	1504824	3480686	5017754	24487384		75199808
70	Tripura	NER	353	30827857	63049819	3126267	7231113	10424365	23978463		138637883
71	PowerGrid Corporation of India Ltd	NER								5079998	5079998

Total

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

SI. No.	Name of Generating Station	State	Capa city	LTA granted	Commis sioned capacity	Date of Commercia I Operation	Date of LTA Operational ization	Delayed Capacity	Transmiss ion Charges (Rs)
1	Sprng Renewable Energy Pvt Limited	Tamil Nadu	300	300	153	60 MW: 28.03.2021 93 MW: 01.04.2021	30.11.2019	147	4841019
3	Madhya Bharat Power Corporation Limited	Sikkim	96	96	0	NA	31.01.2021	96	2756708

Annexure-II

Regional DIC wise break up of LTA/MTOA considered in the computations

SI.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	10033.05	
2	Delhi	NR	5226.12	
3	Haryana	NR	3757.03	
4	Uttarakhand	NR	1197.22	
5	Punjab	NR	4288.10	
6	Rajasthan	NR	4212.48	
7	Himachal Pradesh	NR	1749.91	
8	Jammu & Kashmir	NR	2286.40	
9	Chandigarh	NR	333.58	
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	PG-Rihand	NR	0.74	Uttar Pradesh
16	PG-Dadri	NR	0.76	Uttar Pradesh
17	PG-Agra	NR	2.36	Uttar Pradesh
18	PG-Balia	NR	0.95	Uttar Pradesh
19	PG-Bhiwadi	NR	0.95	Rajasthan
20	PG-Kurukshetra	NR	3.30	Haryana
21	MB Power	NR	175.00	Thatyana
22	WBSEDCL	NR	600.00	
23	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
24	Jorthang	NR	24.48	
25	Tashiding	NR	24.73	
26	Gujarat	WR	6828.93	
27	Madhya Pradesh	WR	7823.03	
28	Chhattisgarh	WR	2771.22	
29	Maharashtra	WR	7000.44	
30	GOA	WR	512.88	
31	Daman Diu	WR	446.35	
32	Dadra Nagar Haveli	WR	1033.09	
33	HVDC Bhadrawathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	Mind Space Business parks Pvt Ltd	WR	10.60	Maharashtra
38	HVDC Champa	WR	3.19	Chhattisgarh
39	HVDC Raigarh	WR	0.94	Chhattisgarh
40	Railways_Gujarat	WR	101.25	Gujarat
41	Railways_MP	WR	200.50	Madhya Pradesh
42	Railways_Maharashtra	WR	90.00	Maharashtra
43	Railways_Chhattisgarh	WR	11.25	Chhattisgarh
44	ACB Ltd.	WR	23.00	
45	JINDAL	WR	114.40	
46	Spectrum Coal and Power	WR	27.50	
47	Torrent Power	WR	200.00	

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				1
48	DB Power	WR	186.00	
49	KSK Mahanadi	WR	400.00	
50	GMR Warora Energy Ltd, Maharashtra	WR	200.00	
51	CSPTCL	WR	261.00	
52	TRN Energy Pvt. Ltd.	WR	3.00	
53	Sembcorp Energy India Ltd	WR	115.00	
54	WBSEDCL	WR WR	400.00	
	55 Jorthang		43.20	
56	Tashiding	WR	43.65	
57	BIHAR	ER	4363.58	
58	JHARKHAND	ER	771.57	
59	DVC	ER	339.69	
60	ORISSA	ER	1674.80	
61	WEST BENGAL	ER	2504.43	
62	SIKKIM	ER	102.01	
63	Bangladesh	ER	782.42	
64	TATA Steel Ltd.	ER	200.00	DVC
65	Railways_Jharkhand	ER	70.00	Jharkhand
66	Railways_Bihar	ER	75.00	Bihar
67	Railways_DVC	ER	82.50	DVC
68	Railways_West Bengal	ER	33.75	West Bengal
69	HVDC Alipurduar	ER	2.03	West Bengal
70	POWERGRID PUSAULI	ER	1.07	Bihar
71	Andhra Pradesh	SR	1650.92	2
72	Karnataka	SR	5780.36	
73	KSEB	SR	2790.74	
74	Tamil Nadu	SR	8604.87	
75	Telangana	SR	4248.20	
76	Puducherry	SR	533.51	
77	Goa	SR	90.07	
78	SAIL, Salem	SR	13.65	Tamil Nadu
79	Railways_Karnataka	SR	42.50	Karnataka
80	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
81	PG-HVDC Gazdwaka	SR	1.50	Andhra Pradesh
82	PG-HVDC Kolar	SR	1.50	Karnataka
83	PG-HVDC Rolal PG-HVDC Pugalur	SR	1.70	Tamil Nadu
84	PG-HVDC Fugaidi PG-HVDC Thrissur			
		SR SR	0.94	Kerala
85	Sembcorp Energy India Ltd Project-I		55.00	
86	Sembcorp Energy India Ltd Project-II	SR	490.00	
87	Arunachal Pradesh	NER	287.76	
88	Assam	NER	1621.85	
89	Manipur	NER	237.32	
90	Meghalaya	NER	336.28	
91	Mizoram	NER	136.40	
92	Nagaland	NER	170.05	
93	Tripura	NER	353.27	
94	PG-HVDC BNC	NER	1.37	Assam

Total

101904.30

*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.

Annexure-III

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

S.No.	Name of the Transmission Licensee	Total YTC claimed by Licensees (₹ Cr)	Total YTC allowed for Apr'21 (₹ Cr)	Equivalent MTC to be considered for Apr'21 (₹ Cr)	Remarks
1	POWERGRID	32461.67	32461.67	2668.08	As per data furnished by ISTS Licensee for Apr'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	63.50	As per data furnished by ISTS Licensee for Apr'21
3	CHHATTISGARH-WR TRANSMISSION LIMITED.	165.00	165.00	13.56	As per data furnished by ISTS Licensee for Apr'21
4	RAIPUR RAJNANDGAON- WR TRANSMISSION LIMITED.	219.74	219.74	18.06	As per data furnished by ISTS Licensee for Apr'21
5	SIPAT TRANSMISSION LIMITED.	94.65	94.65	7.78	As per data furnished by ISTS Licensee for Apr'21
6	Western Transmission Gujarat Limited	55.57	55.57	4.57	As per data furnished by ISTS Licensee for Apr'21
7	Western Transco Power Limited	102.21	102.21	8.40	As per data furnished by ISTS Licensee for Apr'21
8	ALIPURDUAR TRANSMISSION LIMITED	159.40	159.40	13.10	As per data furnished by ISTS Licensee for Apr'21
9	ARAVALI POWER COMPANY PRIVATE LIMITED	12.77	12.77	1.05	As per data furnished by ISTS Licensee for Apr'21
10	Essar Power Transmission Company Limited	399.59	399.59	32.84	As per CERC Order dated 04.06.2021 in I.A. No. 32/2021 in Petition No. 92/MP/2021, excluding tariff of LILO of 400kV Vindhyachal-Korba at Mahan
11	Essar Power Transmission Company Limited (NTPC portion)	3.46	3.46	0.28	Data not furnished for Apr'21, data furnished by ISTS Licensee for Mar'21 has been considered
12	Jindal Power Limited	19.12	19.12	1.57	As per data furnished by ISTS Licensee for Apr'21
13	Kudgi Transmission Limited	196.29	196.29	16.13	As per data furnished by ISTS Licensee for Apr'21
14	Parbati Koldam Transmission Company Limited (JV of Rinfra and PowerGrid Corporation of India Limited)	171.37	171.37	14.09	As per data furnished by ISTS Licensee for Apr'21

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15	BHOPAL DHULE TRANSMISSION COMPANY LTD.	259.84	259.84	21.36	As per data furnished by ISTS Licensee for Apr'21
16	EAST NORTH INTERCONNECTION COMPANY LIMITED	143.52	143.52	11.80	As per data furnished by ISTS Licensee for Apr'21
17	GURGAON PALWAL TRANSMISSION LIMITED	144.10	144.10	11.84	As per data furnished by ISTS Licensee for Apr'21
18	JABALPUR TRANSMISSION COMPANY LIMITED	146.82	146.82	12.07	As per data furnished by ISTS Licensee for Apr'21
19	MAHESHWARAM TRANSMISSION LIMITED	55.90	55.90	4.59	As per data furnished by ISTS Licensee for Apr'21
20	KHARGONE TRANSMISSION COMPANY LTD.	103.53	103.53	8.51	As per data furnished by ISTS Licensee for Apr'21
21	NRSS-XXIX TRANSMISSION LIMITED	501.81	501.81	41.24	As per data furnished by ISTS Licensee for Apr'21
22	ODISHA GENERATION PHASE-II TRANSMISSION LIMITED	157.70	157.70	12.96	As per data furnished by ISTS Licensee for Apr'21
23	Patran Transmission Company Limited	30.67	30.67	2.52	As per data furnished by ISTS Licensee for Apr'21
24	PURULIA & KHARAGPUR TRANSMISSION COMPANY LIMITED	72.38	72.38	5.95	As per data furnished by ISTS Licensee for Apr'21
25	RAPP TRANSMISSION COMPANY LIMITED	44.00	44.00	3.62	As per data furnished by ISTS Licensee for Apr'21
26	NER-II Transmission Limited	409.32	409.32	33.50	As per the data furnished by the licensee for Apr'21. New assets CoD w.e.f. 04.04.2021;hence cost of these assets has been considered for 27 days.
27	Teestavalley Power Transmission Limited	289.56	289.56	23.80	As per data furnished by ISTS Licensee for Apr'21
28	Torrent Power Grid Limited	46.68	47.45	3.90	As per data furnished by ISTS Licensee for Apr'21
29	Darbhanga-Motihari Transmission Company Limited	119.03	119.03	9.78	As per data furnished by ISTS Licensee for Apr'21
30	NRSS XXXI (B) Transmission Limited	90.76	90.76	7.46	As per data furnished by ISTS Licensee for Apr'21
31	Jaypee Powergrid Limited	161.36	161.36	13.26	Data not furnished for Apr'21. Considered the same as in the earlier billing period.
32	KOHIMA MARIANI TRANSMISSION LIMITED	222.20	222.20	18.26	As per data furnished by ISTS Licensee for Apr'21
33	RAICHUR SHOLAPUR TRANSMISSION COMPANY PRIVATE LIMITED	35.20	35.20	2.89	As per data furnished by ISTS Licensee for Apr'21
34	DAMODAR VALLEY CORPORATION	137.08	0.00	0.00	YTC has been considered as zero as per clause 13 (13) of the Sharing Regulations,2020

35	Powerlinks Transmission Limited	142.02	142.02	11.67	As per data furnished by ISTS Licensee for Apr'21
36	NRSS XXXVI Transmission Limited	1.28	1.28	0.11	Data not furnished by ISTS Licensee for Apr'21. Data as furnished by ISTS Licensee for Jan'21 has been considered.
37	Warora-Kurnool Transmission Limited	6.19	6.19	0.51	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	285.51	285.51	23.47	As per data furnished by ISTS Licensee for Apr'21
39	POWERGRID NM TRANSMISSION LIMITED	113.83	113.83	9.36	As per data furnished by ISTS Licensee for Apr'21
40	POWERGRID UNCHAHAR TRANSMISSION LIMITED	20.27	20.27	1.67	As per data furnished by ISTS Licensee for Apr'21
41	POWERGRID PARLI TRANSMISSION LIMITED	326.22	326.22	26.81	As per data furnished by ISTS Licensee for Apr'21
42	POWERGRID KALA AMB TRANSMISSION LIMITED	70.578	70.58	5.80	As per data furnished by ISTS Licensee for Apr'21. Bilateral payment of HPSEB is also included in the claimed YTC
43	POWERGRID Southern Interconnector Transmission System Limited	449.68	449.68	36.96	As per data furnished by ISTS Licensee for Apr'21
44	POWERGRID JABALPUR TRANSMISSION LIMITED	243.68	243.68	20.03	As per data furnished by ISTS Licensee for Apr'21
45	POWERGRID WARORA TRANSMISSION LIMITED	364.20	364.20	29.93	As per data furnished by ISTS Licensee for Apr'21
46	POWERGRID MEDINIPUR JEERAT TRANSMISSION LIMITED	319.23	319.23	26.24	As per data furnished by ISTS Licensee for Apr'21
47	POWERGRID MITHILANCHAL TRANSMISSION LIMITED	90.06	90.06	5.75	As per the data furnished by the licensee for Apr'21. New assest CoD w.e.f. 13.04.2021;hence cost of new assets has been considered for 18 days.
48	NORTH EAST TRANSMISSION COMPANY LIMITED	351.53	351.53	28.89	Data not furnished for Apr'21, data furnished by ISTS Licensee for Mar'21 has been considered
49	Transmission Corporation of Andhra Pradesh (APTRANSCO)	283.72	57.74	4.75	As per data furnished by ISTS Licensee for Apr'21. CERC approved ISTS lines are only considered as per Sharing Regulations 2020
50	Madhya Pradesh Power Transmision Co. Ltd.	12.54	12.54	1.03	As per data furnished by ISTS Licensee for Apr'21

51	KARNATAKA POWER TRANSMISSION CORPORATION LIMITED	1.42	1.42	0.12	Data not furnished by ISTS Licensee for Apr'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 Apr'21. Data as furnished by ISTS Licensee for Dec'20 has been considered.
53	Power Transmission Corporation of Uttarakhand Ltd	44.88	44.88	3.69	Data not furnished by ISTS Licensee for Apr'21. CERC Tariff Order dated 20.04.2018 and 22.06.2018 have been considered
54	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	33.98	6.37	0.52	Data not furnished by ISTS Licensee for Apr'21. Data as furnished by ISTS Licensee for Jan'21 has been considered.RPC certified non-ISTS as ISTS has not been considered as per clause 13 (13) of Sharing Regulations,2020
55	TAMILNADU TRANSMISSION CORPORATION LIMITED	0.59	0.59	0.05	Data not furnished by ISTS Licensee for Apr'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 Apr'21
57	HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LTD	2.61	2.61	0.21	Data not furnished for Apr'21, data furnished by ISTS Licensee for Mar'21 has been considered
58	ODISHA POWER TRANSMISSION CORPORATION LIMITED	9.80	9.67	0.79	Data not furnished by ISTS Licensee for Apr'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 Apr'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 Apr'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 Apr'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 Apr'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 Apr'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 Apr'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 Apr'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 Apr'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 Apr'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 Apr'21 from the claimed assets of ISTS licensees (₹ Crores)

3351.02

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Annexure-IV

Details of Entity-wise bilateral billing

SI.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	5972404		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	3715477	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	20584932		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	7510110		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	3842479	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	1620000	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)		49573159	Himachal Pradesh	As per Regulation 13(12) of Sharing Regulations 2020
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		NR			As per Regulation 13(12) of Sharing Regulations 2020
10	220kV, 2 Nos. Line bays at Jallandhar Substation	Punjab State Transmission Corporation Limited (PSTCL)	NR	1324286	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	1464658	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
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	3113918	Rajasthan	As per Regulation 13(12) of Sharing Regulations 2020
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	34150000		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)				As per
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		NR	5358822	Uttar Pradesh	Regulation 13(12) of Sharing Regulations 2020
18	1 no. 220 kV line bay (# 210) of Shahjahanpur (PG)- Shahjahanpur (UPPTCL) at 400/220 kV Shahjahanpur Sub- Station					

19 20	400kV Srinagar Sub-station 400kV Srinagar-Srinagar PH Line	Uttarakhand	NR	30341589	Uttarakhand	As per Regulation 13(12) of Sharing Regulations 2020
21	2X500MVA 400/230kV transformers along with associated bays andequipmentat new 400/230kV (GIS) Tirunelveli Pooling Sub-station	Betam	SR	897409		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	15996781		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	811315	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	2622986	Karnataka	As per Regulation 13(12) of Sharing Regulations 2020
25	Thermal Powertech Corporation India Ltd Switchyard-Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-I	SR	644513		As per Regulation 13(9) of Sharing Regulations 2020
26	HVDC Mundra-Mahendergarh	Adani Power Limited	WR	333748928		
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	1406529	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	944301	Gujarat	As per Regulation 13(12) of Sharing Regulations 2020

29	MBPMPL TPS-Jabalpur PS 400 kV D/c (Triple) line	MB Power	WR	12351910		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)				As per Regulation	
31	1 no. 220 kV line bays at 400/220 kV Indore substation		Transmission Corporation	WR	4105401	Madhya Pradesh	13(12) of Sharing Regulations
32	1 no. 220 kV line bay at 400/220 kV Indore substation					2020	
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	5079998		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	489176		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	3812096	Tamil Nadu	As per Regulation 13(3) of Sharing Regulations 2020	
36	LILO of one ckt of 132 kV Biswanath-Chariyalli (PG)- Itanagar at Gohpur(AEGCL)	Assam Electricity Grid Corporation Limited (AEGCL)	NER	878065.96	Assam	As per Regulation 13(12) of Sharing Regulations 2020	
37	NCC Power projects Ltd Nellore PS 400kV D/c (quad)	Sembcorp Energy India Ltd Project-2	SR	6963812.28		As per Regulation 13(9) of Sharing Regulations 2020	

TOTAL

559325056

<u>Note:</u> The details of bilateral billing mentioned are prepared on the basis of Format-I(C) received from ISTS Licensees.

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