



# ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

GRID CONTROLLER OF INDIA LIMITED

(A Government of India Enterprise)

[Formerly Power System Operation Corporation Limited (POSOCO)]

राष्ट्रीय भार प्रेषण केन्द्र/ National Load Despatch Centre

## Amendment to Notification of Transmission charges payable by DICs for Billing Month of March, 2023

No: TC/05/2023/R1

Date: 10.05.2023

1. Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses), Regulations 2020 came into force with effect from 1.11.2020. National Load Despatch centre (NLDC) as the Implementing Agency under Sharing Regulations 2020 has been entrusted with the responsibility of computation of ISTS transmission charges and losses. As per Regulation (14)(5)(b), Transmission charges payable by DICs shall be notified by the Implementing Agency by 25th day of the month following billing period. The computation of transmission charges shall be done on the basis of inputs received from ISTS Licensees, DICs/ States, CTU as per the Regulations.
2. Implementing Agency vide its notification dated 25.02.2023 had notified the transmission charges for the DICs for billing month of March, 2023 in line with Sharing Regulations 2020. Subsequent to the notification, CTU vide email dated 13.04.2023 has furnished revised quantum of untied LTA of Jorethang HEP and Tashiding HEP as zero, Same has been tied up with HPPC (Haryana) for billing period January, 2023 w.e.f 04.01.2023.
3. In view of above, Implementing Agency has revised the computations after incorporating the required correction and amended the notification of transmission charges for the DICs for the billing month of March, 2023.
4. Accordingly, the transmission charges are hereby notified for the billing month of March'23 mentioned as follows:
  - a) Various components of the transmission charges determined have been added for each DIC in order to compute total transmission charges payable by the DIC.
  - b) The revised notified transmission charges payable by DICs for the billing month of March'23 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of March'23 considering regional DIC wise break up of LTA/MTOA enclosed along with this notification.
  - c) Revised transmission charges payable by DICs for LTA/MTOA are given at **Annexure-I**.
  - d) Revised Regional DIC wise break up of LTA/MTOA is given at **Annexure-II**.
  - e) Rest all other details are same as in the notification dated 25.02.2023

नीरज कुमार

(नीरज कुमार)

महाप्रबंधक/ रा. भा. प्रे. के.

**Revised Transmission Charges for Designated ISTS Customers (DICs) for the billing month of March,2023**

S.No.	Zone	Region	LTA Demand / Injection (in MW)	Usage based AC system charges (₹)	Balance AC system charges (₹)	National Component (₹)		Regional Component (₹)	Transformers component (₹)	Bilateral Charges (₹)	Total Transmission charges payable in ₹
				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
1	Delhi	NR	4690	283171500	818488431	107557683	128264795	242176418	56095194		1635754021
2	UP	NR	9298	689966947	1622679866	213236596	254289117	480122604	138940582	2863721	3402099434
3	Punjab	NR	4040	341964537	705078250	92654435	110492359	208620328	111170264		1569980172
4	Haryana	NR	3833	422978333	669005044	87914050	104839350	197946897	185937902		1668621576
5	Chandigarh	NR	275	42308893	47961486	6302626	7516014	14190965	3203196		121483179
6	Rajasthan	NR	4216	359229126	735733724	96682875	115296358	217690747	93231315	2148852	1620012996
7	HP	NR	1683	161020703	293752664	38602080	46033791	86916278	24947419	51489105	702762040
8	J&K	NR	3787	269060646	660921586	86851801	103572596	195555143	55404477		1371366250
9	Uttarakhand	NR	1402	132687890	244747591	32162316	38354237	72416534	30233785	2624468	553226822
10	GMR Kamalanga	NR	75	6789945	13088924	1720017	2051157	3872784			27522827
11	WBSEDCL_Inj	NR	600	0	104711390	13760139	16409255	30982270			165863053
12	Jorthang	NR	8.36	55495	1459204	191754	228671	431753			2366877
13	Tashiding	NR	8.45	96779	1474404	193752	231053	436250			2432238
14	MB Power	NR	25.0	6936137	4362975	573339	683719	1290928			13847098
15	Northern Railways	NR							2800754		2800754
16	North Central Railways	NR							2082900		2082900
17	RAPP 7&8, NPCIL	NR								33406195	33406195
18	Adani Renewable Energy Park Rajasthan Limited	NR								3025804	3025804
19	ACME Solar Holdings Pvt. Ltd	NR								1954752	1954752
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4564996	4564996

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
21	THDC India Ltd.	NR								42015277	42015277
22	Gujarat	WR	9437	916181157	1646873788	216415923	258080531	125392039	52104883	10769388	3225817707
23	Madhya Pradesh	WR	7848	1025728997	1369673928	179989049	214640720	104286198	126046613		3020365505
24	Maharashtra	WR	7111	1199770645	1240991068	163078816	194474911	94488358	80584232		2973388030
25	Chhattisgarh	WR	2892	100334242	504673726	66319247	79087095	38425572	23032343		811872225
26	Goa	WR	513	59531685	89485311	11759278	14023186	6813361	10592365	1254778	193459964
27	DNHDDPDCL	WR	1464	177139332	255504116	33575833	40039886	19453939	27166061		552879166
28	ACB Ltd	WR	48	9431250	8376911	1100811	1312740	637813			20859526
29	Torrent Power	WR	200	0	34903797	4586713	5469752	2657555			47617817
30	Sembcorp Energy India Ltd Project-I	WR	115	9351063	20069683	2637360	3145107	1528094			36731308
31	TRN Energy Pvt. Ltd.	WR	3.0	601069	523557	68801	82046	39863			1315336
32	CSPTCL	WR	261	0	45549455	5985660	7138026	3468110			62141251
33	WBSEDCL_Inj	WR	400	0	69807593	9173426	10939503	5315111			95235633
34	GMR Warora Energy Ltd, Maharashtra	WR	45	2126426	7781801	1022608	1219481	592502			12742818
35	DB Power	WR	34	8002035	5968549	784328	935328	454442			16144682
36	MB Power	WR								9110005	9110005
37	Adani Power Limited	WR								285612071	285612071
38	Essar Steel	WR							8805858		8805858
39	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665
40	Andhra Pradesh	SR	1594	430309726	278171957	36554617	43592148	110326581	37048152		936003181

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
41	Telangana	SR	3804	420790314	663929030	87247010	104043891	263322803	37459845		1576792893
42	Tamil Nadu	SR	8483	553616504	1480437176	194544464	231998357	587160449	94701954		3142458904
43	Kerala	SR	2771	179727695	483541662	63542280	75775502	191778850	65411995		1059777984
44	Karnataka	SR	5100	482650094	890116627	116970355	139489604	353031717	107673559	2795011	2092726965
45	Pondicherry	SR	458	17624906	79901600	10499881	12521328	31690004	12854861		165092579
46	Goa-SR	SR	93	0	16194672	2128144	2537857	6423015			27283688
47	Sembcorp Energy India Ltd Project-I	SR	55	4472248	9598544	1261346	1504182	3806906		113512	20756738
48	Sembcorp Energy India Ltd Project-II	SR	188	21993633	32809569	4311510	5141566	13012698		7007360	84276337
49	BHAVINI	SR								17015773	17015773
50	Betam	SR								483770	483770
51	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471
52	Warora Kurnool Transmission Limited (WKTL)	SR								19382814	19382814
53	West Bengal	ER	2368	76000546	413254561	54305842	64760856	62608927	48976889		719907620
54	Odisha	ER	1737	77757422	303103170	39830831	47499103	45920761	70760116		584871404
55	Bihar	ER	5974	229555388	1042563969	137003482	163379528	157950612	180243690		1910696670
56	Jharkhand	ER	780	43757384	136182951	17895821	21341143	20632001	51021431	9869089	300699820
57	Sikkim	ER	97	4206747	16904113	2221372	2649033	2561008	2688795		31231068
58	DVC	ER	640	65332973	111773153	14688126	17515899	16933865	9385005		235629021
59	Bangladesh	ER	982	7767219	171453425	22530719	26868356	25975551			254595270
60	NTPC, North Karanpura STPP, Jharkhand	ER								13053973	13053973

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
61	Arunachal Pradesh	NER	231	9750444	40233342	5287069	6304941	7061447	11516081		80153324
62	Assam	NER	1652	39425700	288246479	37878512	45170920	50590805	21425890	1016063	483754369
63	Manipur	NER	198	10526342	34611183	4548261	5423896	6074689	3271887		64456258
64	Meghalaya	NER	290	13624149	50675681	6659299	7941353	8894206	392447		88187134
65	Mizoram	NER	130	5496261	22661758	2977985	3551309	3977417	1070544		39735274
66	Nagaland	NER	200	6839173	34823290	4576134	5457135	6111916	22775579		80583228
67	Tripura	NER	295	2743722	51485228	6765681	8068217	9036291	23697326		101796465
<b>TOTAL</b>			<b>102431.96</b>	<b>8928433422</b>	<b>17876321963</b>	<b>2349130057</b>	<b>2801386906</b>	<b>4141085372</b>	<b>1834756188</b>	<b>585460912</b>	<b>38516574821</b>

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

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

Sl.No.	Name of Generating Station	State	Capacity	LTA granted	Commissioned capacity	Date of Commercial Operation	Date of LTA Operationalization	Delayed Capacity	Transmission Charges (₹)	Remarks
1	ReNew Power Limited	Gujarat		300	230.1	126MW:18.05.19 58.5MW: 01.10.19 27.6MW: 02.09.20 18MW: 07.02.2021	300MW: 01.05.19	69.9	2381481	
2	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1703491	
3	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	11545327	
4	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	240363	
5	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	100336	
6	SJVN Ltd. (Naitwar Mori HEP)	Uttarakhand		60			60MW: 30.09.2022	60	2355665	
7	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	731175	
8	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1226514	
9	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		40	38	18MW: 15.04.2022; 10MW: 07.10.2021; 10MW: 13.08.2021.	40MW: 22.10.2022	2	68140	
10	Adani Wind Energy Kutchh Five Limited	Gujarat		130			130MW: 22.10.2022	130	4429077	
11	Sherisha Rooftop Solar SPV Four Pvt Ltd (LTA taken by South East Central Railways)	Chhattisgarh		50			50 MW: 15.01.2023	50	769798	Charges corresponding to 50MW computed for 17 day

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

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
1	UP	NR	8782.87	
2	Delhi	NR	4674.97	
3	Haryana	NR	3775.13	
4	Uttarakhand	NR	1402.41	
5	Punjab	NR	4005.12	
6	Rajasthan	NR	4167.17	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	3787.10	
9	Chandigarh	NR	274.82	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	340.30	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	47.66	Rajasthan
15	Railways_Punjab	NR	35.00	Punjab
16	PG-Rihand	NR	0.74	Uttar Pradesh
17	PG-Dadri	NR	0.76	Uttar Pradesh
18	PG-Agra	NR	2.40	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	25.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Jorthang	NR	8.36	
26	Tashiding	NR	8.45	
27	Gujarat	WR	9393.77	
28	Madhya Pradesh	WR	7515.59	
29	Chhattisgarh	WR	2886.74	
30	Maharashtra	WR	6978.74	
31	GOA	WR	512.75	
32	D&D and DNH	WR	1464.05	
33	HVDC Bhadravathi	WR	0.91	Maharashtra
34	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
35	BARC Facility	WR	9.10	Maharashtra
36	Heavy Water Plant of DAE	WR	12.88	Gujarat
37	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
39	Railways_MP	WR	332.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	Railways_Gujarat	WR	30.00	Gujarat
42	ACB Ltd.	WR	48.00	
43	JINDAL	WR	0.00	
44	Torrent Power	WR	200.00	
45	DB Power	WR	34.20	
46	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
47	CSPTCL	WR	261.00	
48	TRN Energy Pvt. Ltd.	WR	3.00	
49	Sembcorp Energy India Ltd	WR	115.00	
50	WBSEDCL	WR	400.00	
51	BIHAR	ER	5873.02	
52	JHARKHAND	ER	708.33	
53	DVC	ER	330.46	
54	ORISSA	ER	1736.79	
55	WEST BENGAL	ER	2366.56	
56	SIKKIM	ER	96.86	
57	Bangladesh	ER	982.43	
58	TATA Steel Ltd.	ER	200.00	DVC
59	Railways_Bihar	ER	100.00	Bihar
60	Railways_DVC	ER	110.00	DVC
61	Railways_Jharkhand	ER	72.00	Jharkhand
62	HVDC Alipurduar	ER	1.41	West Bengal
63	POWERGRID PUSAULI	ER	0.91	Bihar
64	Andhra Pradesh	SR	1591.46	
65	Karnataka	SR	5088.90	
66	KSEB	SR	2769.74	
67	Tamil Nadu	SR	8466.52	
68	Telangana	SR	3804.34	
69	Puducherry	SR	457.84	
70	Goa	SR	92.80	
71	SAIL, Salem	SR	13.65	Tamil Nadu
72	Railways_Karnataka	SR	10.00	Karnataka
73	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
74	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
75	PG-HVDC Kolar	SR	1.50	Karnataka
76	PG-HVDC Pugalur	SR	2.78	Tamil Nadu



Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
77	PG-HVDC Thrissur	SR	0.97	Kerala
78	Sembcorp Energy India Ltd Project-I	SR	55.00	
79	Sembcorp Energy India Ltd Project-II	SR	188.00	
80	Arunachal Pradesh	NER	230.54	
81	Assam	NER	1645.30	
82	Manipur	NER	198.32	
83	Meghalaya	NER	290.37	
84	Mizoram	NER	129.85	
85	Nagaland	NER	199.54	
86	Tripura	NER	295.01	
87	PG-HVDC BNC	NER	1.37	Assam
88	Railway_Assam	NER	5.00	Assam
<b>TOTAL</b>			<b>102431.962</b>	

*\*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*