



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 June, 2023

No: TC/06/2023/R1

Date: 27.06.2023

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 25.05.2023 had notified the transmission charges for the DICs for billing month of June, 2023 in line with Sharing Regulations 2020. Subsequent to the notification, SRPC vide email dated 15.06.2023 has informed that the allocation of Andhra Pradesh from NTPC - Simhadri-I was not made to Zero inadvertently and furnished the revised allocation for billing period April,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 June, 2023.
4. Accordingly, the revised transmission charges are hereby notified for the billing month of June'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 June'23 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of June'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 25.05.2023

Alumna

(नीरज कुमार)

महाप्रबंधक/ रा. भा. प्रे. के.

Revised Transmission Charges for Designated ISTS Customers (DICs) for the billing month of June,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	4890	277314843	832611425	122041220	133042870	231829397	51105966		1647945721
2	UP	NR	9402	773240822	1600948135	234661282	255815292	445762369	136591142	521260	3447540303
3	Punjab	NR	4040	154854997	687918905	100832706	109922471	191541721	107095763		1352166564
4	Haryana	NR	4014	359562740	683523662	100188466	109220156	190317925	195145950	2319514	1640278412
5	Chandigarh	NR	345	9446918	58765000	8613565	9390052	16362320	3157402		105735255
6	Rajasthan	NR	4052	290561651	689964276	101132509	110249301	192111227	89503200	2070575	1475592739
7	HP	NR	1700	29961035	289458762	42427836	46252578	80595880	23975168	48529615	561200874
8	J&K	NR	2311	68950331	393418314	57665857	62864261	109542012	52734044		745174819
9	Uttarakhand	NR	1449	98626566	246647595	36152727	39411787	68675689	28603533	2513836	520631732
10	GMR Kamalanga	NR	75	2718229	12770379	1871837	2040577	3555739			22956761
11	WBSEDCL_Inj	NR	600	0	102163033	14974694	16324618	28445916			161908260
12	MB Power	NR	25.0	4019358	4256793	623946	680192	1185246			10765536
13	GMR Bajoli Holi Hydropower Pvt Ltd	NR	68.2	2619864	11612531	1702124	1855565	3233352			21023436
14	Northern Railways	NR							2759032		2759032
15	North Central Railways	NR							2015186		2015186
16	RAPP 7&8, NPCIL	NR								31547014	31547014
17	Adani Renewable Energy Park Rajasthan Limited	NR								2968991	2968991
18	ACME Solar Holdings Pvt. Ltd	NR								1891697	1891697
19	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4919842	4919842
20	THDC India Ltd.	NR								41779973	41779973

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
21	Gujarat	WR	9989	534934434	1700879492	249308864	271783311	130024198	50042138	10331671	2947304108
22	Madhya Pradesh	WR	7518	621715126	1280119003	187635289	204550047	97859047	133310811		2525189324
23	Maharashtra	WR	7103	1036914364	1209372761	177265556	193245515	92450832	77122785		2786371812
24	Chhattisgarh	WR	2892	111445545	492391140	72172941	78679116	37640975	22076432		814406149
25	Goa	WR	513	63555283	87326583	12800020	13953903	6675705	10353561	1207726	195872782
26	DNHDDPDCL	WR	1467	122603393	249727201	36604125	39903877	19090464	37009348		504938408
27	ACB Ltd	WR	48	4838846	8173043	1197976	1305969	624790			16140624
28	Torrent Power	WR	200	11672842	34054344	4991565	5441539	2603294			58763583
29	Sembcorp Energy India Ltd Project-I	WR	115	9463430	19581248	2870150	3128885	1496894			36540606
30	TRN Energy Pvt. Ltd.	WR	3.0	399705	510815	74873	81623	39049			1106066
31	CSPTCL	WR	261	0	44440919	6513992	7101209	3397298			61453418
32	WBSEDCL_Inj	WR	400	0	68108689	9983129	10883078	5206587			94181484
33	GMR Warora Energy Ltd, Maharashtra	WR	45	2513155	7592416	1112869	1213191	580404			13012035
34	DB Power	WR	34	8120827	5823293	853558	930503	445163			16173344
35	MB Power	WR								8545651	8545651
36	Adani Power Limited	WR								253489742	253489742
37	ArcelorMittal Nippon Steel India Ltd (formerly Essar Steel)	WR							8521798		8521798
38	Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								60588063	60588063
39	Andhra Pradesh	SR	1620	267432748	275859549	40434511	44079561	130134704	36180409		794121482
40	Telangana	SR	3786	303661402	644656269	94491422	103009540	304111831	36587549		1486518012

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
41	Tamil Nadu	SR	8601	884940055	1464431836	214651208	234001371	690834896	92321324		3581180689
42	Kerala	SR	2790	344116252	475006453	69624756	75901219	224080784	64580963		1253310427
43	Karnataka	SR	5525	576545536	940794754	137898348	150329470	443812973	104435957	2705014	2356522051
44	Pondicherry	SR	524	19084053	89160998	13068902	14247024	42061042	12518026		190140045
45	Goa-SR	SR	93	3965939	15833811	2320864	2530083	7469483			32120179
46	Sembcorp Energy India Ltd Project-I	SR	55	4525988	9364945	1372680	1496423	4417843		106625	21284505
47	Sembcorp Energy India Ltd Project-II	SR	188	23952133	32011084	4692071	5115047	15100992		6595283	87466610
48	BHAVINI	SR								16044986	16044986
49	Betam	SR								467938	467938
50	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								787890	787890
51	Warora Kurnool Transmission Limited (WKTL)	SR								26163995	26163995
52	West Bengal	ER	2431	299226320	414006984	60683671	66154122	56343589	53885122	1634630	951934437
53	Odisha	ER	1886	158890267	321056675	47059345	51301604	43693672	68768313		690769874
54	Bihar	ER	6277	296673728	1068872041	156671461	170794923	145466354	174716876		2013195383
55	Jharkhand	ER	960	44390341	163537541	23970751	26131642	22256368	49503796	9546950	339337390
56	Sikkim	ER	97	2614313	16511313	2420169	2638341	2247080	2628548		29059764
57	DVC	ER	640	47557680	109052934	15984591	17425554	14841377	9200174		214062310
58	Bangladesh	ER	980	19959679	166920868	24466667	26672264	22716817			260736295
59	NTPC, North Karanpura STPP, Jharkhand	ER								8421964	8421964
60	Odisha Power Generation Corporation Ltd. (OPGC)	ER								11989195	11989195

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
61	Arunachal Pradesh	NER	288	3278278	48997412	7181866	7829290	8560044	11098664		86945554
62	Assam	NER	1628	99684390	277231596	40635621	44298800	48433471	20814967	1146277	532245122
63	Manipur	NER	206	10877968	35003007	5130616	5593126	6115166	3173394		65893277
64	Meghalaya	NER	275	10831742	46853162	6867570	7486661	8185435	390214		80614785
65	Mizoram	NER	137	7253863	23315394	3417487	3725564	4073293	1021285		42806885
66	Nagaland	NER	194	9209223	33075538	4848095	5285136	5778429	21991712		80188133
67	Tripura	NER	302	5642144	51475054	7545030	8225192	8992898	22604476		104484795
TOTAL			103042.29	8044368343	17545188977	2571711376	2803543442	4221022035	1817545029	558835918	37562215119

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	Commissi oned 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	2055162		
2	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1470073		
3	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	10076446		
4	NTPC Gandhar (Solar)	Gujarat		14.11	7.055	7.055MW: 23.08.2022	14.11MW: 09.05.2022	7.06	207427		
5	NTPC Gandhar (Solar)	Gujarat		5.89	2.945	2.945MW:23.08.2022	5.89MW: 09.05.2022	2.95	86587		
6	SJVN Ltd. (Naitwar Mori HEP)	Uttrakhand		60			60MW: 30.09.2022	60	2146078		
7	NTPC Ltd. (Rihand Solar)	Uttar Pradesh		20			20MW: 12.10.2022	20	733228		
8	Continuum Power Trading (TN) Pvt. Ltd	Gujarat		36			36MW: 22.10.2022	36	1058452		
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	58803		
10	Adani Wind Energy Kutchh Five Limited	Gujarat		130	118.5	53.6MW: 16.08.2021 14.7MW: 13.10.2021 50.2MW : 05.01.2023	130MW: 22.10.2022	11.5	338117		
11	Sherisha Rooftop Solar SPV Four Pvt Ltd (LTA taken by South East Central Railways)	Chhattisgarh		50			50MW: 22.04.2023	50 MW: 15.01.2023	0	985692	Charges computed for 21 days corresponding to 50MW

Revised 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	8973.93	
2	Delhi	NR	4871.40	
3	Haryana	NR	3956.01	
4	Uttarakhand	NR	1448.55	
5	Punjab	NR	4005.12	
6	Rajasthan	NR	4003.53	
7	Himachal Pradesh	NR	1699.98	
8	Jammu & Kashmir	NR	2310.53	
9	Chandigarh	NR	345.12	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	253.58	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	18.50	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	2.36	Uttar Pradesh
19	PG-Balia	NR	0.95	Uttar Pradesh
20	PG-Bhiwadi	NR	0.95	Rajasthan
21	PG-Kurukshetra	NR	3.30	Haryana
22	MB Power	NR	25.00	
23	WBSEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	GMR Bajoli Holi Hydropower Pvt Ltd	NR	68.20	
26	Jorthang	NR	0.00	
27	Tashiding	NR	0.00	
28	Gujarat	WR	9858.75	
29	Madhya Pradesh	WR	7185.40	
30	Chhattisgarh	WR	2886.74	
31	Maharashtra	WR	6987.92	
32	GOA	WR	512.87	
33	D&D and DNH	WR	1466.64	
34	HVDC Bhadrawathi	WR	0.91	Maharashtra
35	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
36	BARC Facility	WR	9.10	Maharashtra
37	Heavy Water Plant of DAE	WR	8.16	Gujarat

Sl.No.	Name of the DIC	Region	LTA/MTOA considered in the computations	Name of the state control area in which LTA/MTOA of specific DICs is included in the computations*
38	HVDC Champa	WR	3.19	Chhattisgarh
39	HVDC Raigarh	WR	1.88	Chhattisgarh
40	Railways_MP	WR	332.00	Madhya Pradesh
41	Railways_Maharashtra	WR	104.68	Maharashtra
42	Railways_Gujarat	WR	122.30	Gujarat
43	ACB Ltd.	WR	48.00	
44	JINDAL	WR	0.00	
45	Torrent Power	WR	200.00	
46	DB Power	WR	34.20	
47	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
48	CSPTCL	WR	261.00	
49	TRN Energy Pvt. Ltd.	WR	3.00	
50	Sembcorp Energy India Ltd	WR	115.00	
51	WBSEDCL	WR	400.00	
52	BIHAR	ER	6162.55	
53	JHARKHAND	ER	888.45	
54	DVC	ER	330.46	
55	ORISSA	ER	1885.55	
56	WEST BENGAL	ER	2430.05	
57	SIKKIM	ER	96.97	
58	Bangladesh	ER	980.32	
59	TATA Steel Ltd.	ER	200.00	DVC
60	Railways_Bihar	ER	114.00	Bihar
61	Railways_DVC	ER	110.00	DVC
62	Railways_Jharkhand	ER	72.00	Jharkhand
63	HVDC Alipurduar	ER	1.40	West Bengal
64	POWERGRID PUSAULI	ER	0.90	Bihar
65	Andhra Pradesh	SR	1617.78	
66	Karnataka	SR	5478.85	
67	KSEB	SR	2788.66	
68	Tamil Nadu	SR	8597.64	
69	Telangana	SR	3786.04	
70	Puducherry	SR	523.64	
71	Goa	SR	92.99	
72	SAIL, Salem	SR	0.00	Tamil Nadu
73	Railways_Karnataka	SR	45.00	Karnataka
74	PG-HVDC Gazuwaka	SR	0.93	Andhra Pradesh
75	PG-HVDC Talcher	SR	1.41	Andhra Pradesh

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*
76	PG-HVDC Kolar	SR	1.41	Karnataka
77	PG-HVDC Pugalur	SR	2.92	Tamil Nadu
78	PG-HVDC Thrissur	SR	1.04	Kerala
79	Sembcorp Energy India Ltd Project-I	SR	55.00	
80	Sembcorp Energy India Ltd Project-II	SR	188.00	
81	Arunachal Pradesh	NER	287.76	
82	Assam	NER	1621.81	
83	Manipur	NER	205.57	
84	Meghalaya	NER	275.17	
85	Mizoram	NER	136.93	
86	Nagaland	NER	194.25	
87	Tripura	NER	302.31	
88	PG-HVDC BNC	NER	1.37	Assam
89	Railway_Assam	NER	5.00	Assam

TOTAL

103042.295

**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*