



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

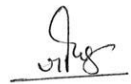
Amendment to Notification of Transmission charges payable by DICs for Billing Month of January 2022

No: TC/12/2021/R1

Date: 28.12.2021

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 25.12.2021 had notified the transmission charges for the DICs for billing month of January,2022 in line with Sharing Regulations 2020. Subsequent to the notification, it came into notice that inadvertently, untied LTA of Torrent Power (Sugen) had been considered as 225 MW instead of 200 MW for billing period Nov'21.
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 January,2022.
4. Accordingly, the revised transmission charges are hereby notified for the billing month of Jan'22 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 Jan'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of Jan'22 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 revised transmission charges payable by DICs for LTA/MTOA are given at **Annexure- I**.
- g) The revised transmission rates applicable for STOA transactions are given at **Annexure-II**.
- h) Revised Regional DIC wise break up of LTA/MTOA is given at **Annexure-III**.
- i) Rest all other details are same as in the notification dated 25.12.2021.



(जी चक्रवर्ती)

मुख्य महाप्रबंधक/ रा. भा. प्रे. के

Revised Transmission Charges for Designated ISTS Customers (DICs) for the billing month January,2022

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	5230	182262354	882359901	59714821	104966277	211058743	52399535		1492761632
2	UP	NR	10476	757308853	1767521919	119619280	210265897	422787746	140132745	5358822	3422995262
3	Punjab	NR	4288	114809797	723472733	48961932	86064926	173053247	112840459	1324286	1260527378
4	Haryana	NR	3734	272384178	629973183	42634231	74942141	150688339	195698191		1366320263
5	Chandigarh	NR	279	5021681	47144118	3190538	5608304	11276780	3017697		75259117
6	Rajasthan	NR	4255	702773634	717938585	48587401	85406579	171729489	97734531	4578575	1828748794
7	HP	NR	1750	28428735	295235344	19980425	35121445	70619710	30346552	51193159	530925370
8	J&K	NR	2852	60286017	481145421	32562124	57237465	115089033	55132717		801452777
9	Uttarakhand	NR	1273	93721201	214770303	14534852	25549256	51372632	30010063	2566603	432524910
10	GMR Kamalanga	NR	75	9875240	12653648	856352	1505289	3026727			27917255
11	WBSEDCL_Inj	NR	600	0	101229181	6850813	12042309	24213820			144336122
12	MB Power	NR	175	32862802	29525178	1998154	3512340	7062364			74960838
13	Jorthang	NR	86.4	8464243	14577002	986517	1734092	3486790			29248644
14	Tashiding	NR	87.3	8720167	14728846	996793	1752156	3523111			29721073
15	Northern Railways	NR							2543214		2543214
16	North Central Railways	NR							1981331		1981331
17	RAPP 7&8, NPCIL	NR								34150000	34150000
18	Adani Renewable Energy Park Rajasthan Limited	NR								38208493	38208493
19	Gujarat	WR	7712	914511468	1301156887	88057437	154786720	105200853	52245446	944301	2616903112
20	Madhya Pradesh	WR	8000	755265835	1349796097	91349157	160572881	109133420	117191250	4105401	2587414040
21	Maharashtra	WR	7103	1026389977	1198427158	81105072	142565904	96894971	76010336		2621393418
22	Chhattisgarh	WR	2901	101107986	489363597	33118300	58215106	39565919	20678335		742049243

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
23	Goa	WR	513	43529195	86543609	5856948	10295301	6997205	11379136	1406529	166007924
24	Daman Diu	WR	447	28044163	75373080	5100968	8966445	6094048	16885215		140463920
25	Dadra Nagar Haveli	WR	1035	133076374	174613501	11817189	20772169	14117813	9533382		363930428
26	Jindal Power Limited	WR	125	5778342	21089413	1427253	2508814	1705117			32508938
27	Spectrum Coal & Power	WR	28	10676722	4639671	313996	551939	375126			16557453
28	ACB Ltd	WR	23	2768393	3880452	262614	461622	313741			7686823
29	Torrent Power	WR	200	387516	33743060	2283604	4014103	2728187			43156470
30	Sembcorp Energy India Ltd Project-I	WR	115	9435678	19402260	1313072	2308109	1568707			34027826
31	DB Power	WR	186	44882162	31381046	2123752	3733116	2537213			84657289
32	TRN Energy Pvt. Ltd.	WR	3	0	506146	34254	60212	40923			641534
33	CSPTCL	WR	261	0	44034694	2980104	5238404	3560283			55813485
34	WBSEDCL_Inj	WR	400	0	67486121	4567208	8028206	5456373			85537908
35	KSK Mahanadi	WR	400	11043767	67486121	4567208	8028206	5456373			96581675
36	GMR Warora Energy Ltd, Maharashtra	WR	45	3210661	7523015	509130	894944	608249			12746000
37	MB Power	WR								11235824	11235824
38	Adani Power Limited	WR								333748928	333748928
39	Essar Steel	WR							12782697		12782697
40	Andhra Pradesh	SR	1719	333029367	290013133	19627005	34500207	23356134	29183754		729709599
41	Telangana	SR	4305	264772860	726304164	49153552	86401755	58492721	31042441		1216167493
42	Tamil Nadu	SR	8610	804460970	1452583338	98305413	172800538	116983429	87548594		2732682282

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC	TC		
43	Kerala	SR	2742	181352736	462562665	31304513	55026844	37252366	49277993		816777118
44	Karnataka	SR	5488	506372160	925870243	62659439	110142304	74564724	100317713	3434301	1783360885
45	Pondicherry	SR	529	18634734	89194668	6036362	10610673	7183270	12077915		143737622
46	Goa-SR	SR	92	37332	15487068	1048107	1842355	1247247			19662109
47	Sembcorp Energy India Ltd Project-I	SR	55	4512715	9279342	627991	1103878	747309		113073	16384308
48	Sembcorp Energy India Ltd Project-II	SR	490	31603568	82670498	5594830	9834552	6657847		6963812	143325108
49	BHAVINI	SR								19808877	19808877
50	Betam	SR								335480	335480
51	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								247059	247059
52	West Bengal	ER	2677	107129473	451687511	30568523	53733127	70586768	44973398		758678800
53	Odisha	ER	1893	134218342	319451693	21619297	38002243	49921820	66397294		629610689
54	Bihar	ER	5292	214625765	892880245	60426799	106217786	139533481	166542455		1580226530
55	Jharkhand	ER	978	32154030	165017154	11167744	19630580	25787801	49535054	10280984	313573346
56	Sikkim	ER	127	1566874	21489141	1454305	2556366	3358182	2572240		32997109
57	DVC	ER	622	32195757	104973235	7104196	12487704	16404530	9407666		182573090
58	Bangladesh	ER	782	10457609	132008628	8933851	15703858	20629444			187733389
59	BRBCL Nabinagar	ER								5972404	5972404
60	NPGC Nabinagar	ER								10292466	10292466
61	Arunachal Pradesh	NER	288	2816060	48549536	3285651	5775494	8551855	12957648		81936243

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				AC-UBC	AC-BC	NC-RE	NC-HVDC	RC			
62	Assam	NER	1623	89162168	273864188	18534105	32579115	48240354	21539887	975629	484895446
63	Manipur	NER	237	10429422	40038815	2709677	4763051	7052717	3875569		68869252
64	Meghalaya	NER	336	21115956	56735656	3839657	6749321	9993815	369551		98803956
65	Mizoram	NER	136	5441673	23013780	1557487	2737739	4053808	1482821	3842479	42129788
66	Nagaland	NER	170	6751269	28690230	1941648	3413014	5053698	23679184		69529043
67	Tripura	NER	353	3411740	59602263	4033658	7090335	10498760	23521787		108158543

Total	104203.3	8183279722	17580688482	1189795312	2091413514	2567495133	1774845797	551087485	33938605444
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Transmission Charges for Short Term Open Access (STOA)

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	39.64
2	UP	NR	45.31
3	Punjab	NR	40.78
4	Haryana	NR	50.82
5	Chandigarh	NR	37.41
6	Rajasthan	NR	59.54
7	HP	NR	38.08
8	J&K	NR	39.03
9	Uttrakhand	NR	46.91
10	Gujarat	WR	47.11
11	Madhya Pradesh	WR	44.85
12	Maharashtra	WR	51.26
13	Chhattisgarh	WR	35.53
14	Goa	WR	44.57
15	Daman Diu	WR	43.67
16	Dadra Nagar Haveli	WR	48.84
17	Andhra Pradesh	SR	58.96
18	Telangana	SR	39.24
19	Tamil Nadu	SR	44.08
20	Kerala	SR	41.38
21	Karnataka	SR	45.05
22	Pondicherry	SR	37.76
23	Goa-SR	SR	29.75
24	West Bengal	ER	39.36
25	Odisha	ER	46.18
26	Bihar	ER	41.47
27	Jharkhand	ER	43.07
28	Sikkim	ER	35.98
29	DVC	ER	40.75
30	Bangladesh	ER	33.32
31	Arunachal Pradesh	NER	39.55
32	Assam	NER	41.41
33	Manipur	NER	40.31
34	Meghalaya	NER	40.81
35	Mizoram	NER	38.98
36	Nagaland	NER	56.79
37	Tripura	NER	42.52

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	10112.81	
2	Delhi	NR	5226.12	
3	Haryana	NR	3719.39	
4	Uttarakhand	NR	1272.97	
5	Punjab	NR	4288.13	
6	Rajasthan	NR	4254.37	
7	Himachal Pradesh	NR	1749.90	
8	Jammu & Kashmir	NR	2851.82	
9	Chandigarh	NR	279.43	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	188.75	Uttar Pradesh
12	Railways_Haryana	NR	11.25	Haryana
13	Railways_Delhi	NR	3.75	Delhi
14	PG-Rihand	NR	0.74	Uttar Pradesh
15	PG-Dadri	NR	0.76	Uttar Pradesh
16	PG-Agra	NR	2.36	Uttar Pradesh
17	PG-Balia	NR	0.95	Uttar Pradesh
18	PG-Bhiwadi	NR	0.95	Rajasthan
19	PG-Kurukshetra	NR	3.30	Haryana
20	MB Power	NR	175.00	
21	WBSIEDCL	NR	600.00	
22	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
23	Jorthang	NR	86.40	
24	Tashiding	NR	87.30	
25	Gujarat	WR	7605.31	
26	Madhya Pradesh	WR	7799.25	
27	Chhattisgarh	WR	2884.22	
28	Maharashtra	WR	7003.24	
29	GOA	WR	512.96	
30	Daman Diu	WR	446.75	
31	Dadra Nagar Haveli	WR	1034.96	
32	HVDC Bhadrawathi	WR	0.91	Maharashtra
33	HVDC Vindhyachal	WR	0.69	Madhya Pradesh
34	BARC Facility	WR	9.10	Maharashtra
35	Heavy Water Plant of DAE	WR	5.58	Gujarat
36	HVDC Champa	WR	3.19	Chhattisgarh
37	HVDC Raigarh	WR	1.88	Chhattisgarh
38	Railways_Gujarat	WR	101.25	Gujarat
39	Railways_MP	WR	200.50	Madhya Pradesh
40	Railways_Maharashtra	WR	90.00	Maharashtra
41	Railways_Chhattisgarh	WR	11.25	Chhattisgarh
42	ACB Ltd.	WR	23.00	
43	JINDAL	WR	125.00	

44	Spectrum Coal and Power	WR	27.50	
45	Torrent Power	WR	200.00	
46	DB Power	WR	186.00	
47	KSK Mahanadi	WR	400.00	
48	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
49	CSPTCL	WR	261.00	
50	TRN Energy Pvt. Ltd.	WR	3.00	
51	Sembcorp Energy India Ltd	WR	115.00	
52	WBSEDCL	WR	400.00	
53	BIHAR	ER	5216.32	
54	JHARKHAND	ER	908.08	
55	DVC	ER	339.69	
56	ORISSA	ER	1893.44	
57	WEST BENGAL	ER	2642.06	
58	SIKKIM	ER	127.37	
59	Bangladesh	ER	782.43	
60	TATA Steel Ltd.	ER	200.00	DVC
61	Railways_Jharkhand	ER	70.00	Jharkhand
62	Railways_Bihar	ER	75.00	Bihar
63	Railways_DVC	ER	82.50	DVC
64	Railways_West Bengal	ER	33.75	West Bengal
65	HVDC Alipurduar	ER	1.41	West Bengal
66	POWERGRID PUSAULI	ER	0.91	Bihar
67	Andhra Pradesh	SR	1716.47	
68	Karnataka	SR	5443.77	
69	KSEB	SR	2740.57	
70	Tamil Nadu	SR	8593.10	
71	Telangana	SR	4304.91	
72	Puducherry	SR	528.67	
73	Goa	SR	91.79	
74	SAIL, Salem	SR	13.65	Tamil Nadu
75	Railways_Karnataka	SR	42.50	Karnataka
76	PG-HVDC Gazuwaka	SR	0.98	Andhra Pradesh
77	PG-HVDC Talcher	SR	1.50	Andhra Pradesh
78	PG-HVDC Kolar	SR	1.50	Karnataka
79	PG-HVDC Pugalur	SR	2.92	Tamil Nadu
80	PG-HVDC Thrissur	SR	1.11	Kerala
81	Sembcorp Energy India Ltd Project-I	SR	55.00	
82	Sembcorp Energy India Ltd Project-II	SR	490.00	
83	Arunachal Pradesh	NER	287.76	
84	Assam	NER	1621.87	
85	Manipur	NER	237.32	
86	Meghalaya	NER	336.28	
87	Mizoram	NER	136.41	
88	Nagaland	NER	170.05	
89	Tripura	NER	353.27	
90	PG-HVDC BNC	NER	1.37	Assam
TOTAL			104203.284	

***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.**