

# 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 September, 2022

No: TC/08/2022

Date: 31.08.2022

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.
2. Implementing Agency vide its notification dated 25.08.2022 had notified the transmission charges for the DICs for billing month of September,2022 in line with Sharing Regulations 2020. Subsequent to the notification, it came into notice that inadvertently wrong untied LTA had been considered for Sembcorp Energy India Ltd. Project-II, Jindal Power Ltd. and DB Power for billing period July,2022. MTOA quantum have been deducted from earlier quantum of untied LTA in line with the Sharing Regulations,2020.
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 September,2022.
4. Accordingly, the revised transmission charges are hereby notified for the billing month of September'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 September'22 shall be used by RPCs for preparation of Regional Transmission Account (RTA) for the billing month of September'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 transmission charges payable by DICs for LTA/MTOA are given at **Annexure-I**.
- g) The transmission rates applicable for STOA transactions are given at **Annexure-II**.
- h) 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 25.08.2022.

  
(देबाशिस दे)

कार्यपालक निदेशक/ रा. भा. प्रे. के

**Annexure-I**

**Revised Transmission Charges for Designated ISTS Customers (DICs) for the billing month of September,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	4170	401903719	763607605	80400429	94153604	210925858	55540734		1606531948
2	UP	NR	9585	1233438149	1755076997	184792482	216402801	484792344	141347497	3671419	4019521689
3	Punjab	NR	5434	480383961	995043095	104768328	122689838	274853625	104809966	935605	2083484418
4	Haryana	NR	4302	625471221	787757547	82943183	97131317	217596623	185718510		1996618399
5	Chandigarh	NR	352	12681667	64500012	6791222	7952918	17816376	3122402		112864598
6	Rajasthan	NR	4178	454351219	765061917	80553554	94332922	211327572	92988935	2148852	1700764972
7	HP	NR	1683	22380232	308216799	32452221	38003449	85136518	24781306	51489065	562459591
8	J&K	NR	2305	49496157	422093000	44442274	52044502	116591725	55404477		740072136
9	Uttarakhand	NR	1361	163186071	249247498	26243329	30732473	68847851	30233785	2624468	571115476
10	GMR Kamalanga	NR	75	3271006	13733411	1445994	1693344	3793482			23937237
11	WBSEDCL Inj	NR	600	0	109867291	11567954	13546750	30347855			165329850
12	MB Power	NR	175	36311010	32044627	3373986	3951135	8851458			84532216
13	Jorthang	NR	86.4	10348229	15820890	1665785	1950732	4370091			34155727
14	Tashiding	NR	87.3	10924509	15985691	1683137	1971052	4415613			34980003
15	Northern Railways	NR							2523524		2523524
16	North Central Railways	NR							2082900		2082900
17	RAPP 7&8, NPCIL	NR								33406195	33406195
18	Adani Renewable Energy Park Rajasthan Limited	NR								3235548	3235548
19	ACME Solar Holdings Pvt. Ltd	NR								1954752	1954752
20	Essel Saurya Urja Company of Rajasthan Limited (ESUCRL)	NR								4564996	4564996
21	Gujarat	WR	9242	535745331	1692261643	178178638	208657603	126185994	54007837	12549133	2807586178
22	Madhya Pradesh	WR	7757	523130569	1420447992	149559313	175142700	105917807	123282484	1235668	2498716532
23	Maharashtra	WR	7131	758845859	1305819476	137490048	161008886	97370362	79916858		2540451489
24	Chhattisgarh	WR	2890	86777243	529165455	55715959	65246645	39458005	23030847		799394155
25	Goa	WR	513	53223076	94007465	9898069	11591217	7009806	10592365	1254778	187576775
26	DNHDDPDCL	WR	1481	124312816	271154382	28549910	33433614	20219028	27166061		504835811
27	Jindal Power Limited	WR	12	7124624	2215066	233225	273120	165170			10011205
28	ACB Ltd	WR	50	6159766	9143794	962752	1127439	681821			18075572
29	Torrent Power	WR	200	354486	36622430	3855985	4515583	2730806			48079290
30	Sembcorp Energy India Ltd Project-I	WR	115	10029096	21057898	2217191	2596460	1570213			37470858
31	DB Power	WR	3	456577	606042	63810	74726	45190			1246345
32	TRN Energy Pvt. Ltd.	WR	3	251786	549336	57840	67734	40962			967658
33	CSPTCL	WR	261	0	47792272	5032060	5892836	3563701			62280869
34	WBSEDCL Inj	WR	400	0	73244861	7711969	9031167	5461611			95449608
35	GMR Warora Energy Ltd, Maharashtra	WR	45	1867280	8164971	859692	1006749	608833			12507525

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		
36	MB Power	WR								8993256	8993256
37	Adani Power Limited	WR								285612071	285612071
38	Essar Steel	WR							8805858		8805858
39	Powerica Ltd.	WR								18913550	18913550
40	For Mahan Energen Limited (formerly Essar Power M.P. Ltd)	WR								62607665	62607665
41	Andhra Pradesh	SR	1728	237635397	316462440	33320407	39020145	29364384	35559464		691362237
42	Telangana	SR	3895	207154328	713165345	75089352	87934021	66174238	35565151		1185082435
43	Tamil Nadu	SR	8401	383649192	1538349339	161973174	189680057	142742628	94701954		2511096344
44	Kerala	SR	2739	159441124	501587355	52812254	61846237	46542027	51939269		874168266
45	Karnataka	SR	3999	342935342	732298928	77103931	90293212	67949633	100520494	3551241	1414652782
46	Pondicherry	SR	533	13395610	97614365	10277840	12035952	9057586	12854861		155236214
47	Goa-SR	SR	93	57371	17043722	1794538	2101508	1581478			22578616
48	Sembcorp Energy India Ltd Project-I	SR	55	4796524	10071168	1060396	1241785	934498		113512	18217884
49	Sembcorp Energy India Ltd Project-II	SR	352	0	64370419	6777577	7936939	5972897		7007360	92065193
50	BHAVINI	SR								20469173	20469173
51	Betam	SR								483770	483770
52	AP Solar Power Corporation Pvt Ltd (APSPCL)	SR								1276471	1276471
53	West Bengal	ER	2409	234945138	441167387	46450621	54396393	65466787	48332935		890759262
54	Odisha	ER	1766	101303109	323338588	34044398	39867981	47981648	71026853		617562577
55	Bihar	ER	6003	281684781	1099159948	115730817	135527553	163109223	175049604		1970261926
56	Jharkhand	ER	708	42397335	129704410	13656609	15992687	19247413	51065945	9869089	281933487
57	Sikkim	ER	97	941479	17736458	1867476	2186923	2631992	2688795		28053122
58	DVC	ER	640	43681247	117276769	12348099	14460346	17403220	9385005		214554688
59	Bangladesh	ER	782	7565642	143273217	15085272	17665735	21260948			204850814
60	Arunachal Pradesh	NER	288	3250225	52692376	5547993	6497024	8993762	13959727		90941106
61	Assam	NER	1628	109771780	298149188	31392200	36762102	50889387	23036572	1016063	551017292
62	Manipur	NER	210	9905544	38477655	4051322	4744334	6567532	3999964		67746351
63	Meghalaya	NER	264	4414515	48373315	5093238	5964480	8256566	392447		72494560
64	Mizoram	NER	137	6587278	25073640	2640010	3091606	4279677	1532249		43204459
65	Nagaland	NER	194	8294195	35569811	3745154	4385794	6071209	24170597		82236761
66	Tripura	NER	302	5839840	55356861	5828537	6825558	9448547	23697326		106996669
<b>TOTAL</b>			<b>101722.480</b>	<b>7822072651</b>	<b>18626622170</b>	<b>1961201553</b>	<b>2296681690</b>	<b>2952623580</b>	<b>1804835557</b>	<b>538983702</b>	<b>36003020904</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 Pvt Limited	Karnataka		300	174.3	63 MW: 25.09.21 10.5MW: 12.10.21 10.5MW: 20.10.21 16.8MW: 27.10.21 14.7MW: 13.11.21 10.5MW: 01.12.21 10.5MW: 18.12.21 37.8MW: 27.07.22	63 MW: 24.09.21 10.5 MW: 11.10.21 12.6 MW: 19.10.21 14.7 MW: 26.10.21 16.8 MW: 11.11.21 10.5 MW: 23.11.21 10.5 MW: 30.11.21 35.7MW: 27.07.22		62147	Charges computed for 26 days corresponding to 2.1 MW
2	Ostro Kutch Wind Private Ltd	Gujarat		300	46.2	11 MW: 13.11.2021; 11MW: 04.12.2021, 13.2MW: 30.03.2022 11MW: 10.05.2022	50MW: 14.04.19	3.8	114927	
3	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	2114046	
4	ReNew Power Limited	Gujarat		50	0	Yet to be commissioned	50MW: 23.11.19	50	1512193	
5	Masaya Solar Energy Private Ltd	Madhya Pradesh		300			300 MW: 25.03.2022	300	9658624	
6	NTPC LTD. (Auraiya Floating Solar)	Uttar Pradesh		20			20 MW: 11.04.2022	20	837970	
7	NTPC Kawas (Solar)	Gujarat		39.50	24.69	14.11MW: 14.05.22 10.58MW: 15.06.2022	14.11MW: 27.05.2022 10.58MW: 31.05.2022 14.81MW: 24.06.2022	14.81	447912	
8	NTPC Kawas (Solar)	Gujarat		16.50	10.31	5.89MW: 14.05.22 4.42MW:15.06.2022	5.89MW: 27.05.2022 4.42MW: 31.05.2022 6.19MW: 24.06.2022	6.19	187209	
9	NTPC Gandhar (Solar)	Gujarat		14.11		-	14.11MW: 09.05.2022	14.11	426741	
10	NTPC Gandhar (Solar)	Gujarat		5.89		-	5.89MW: 09.05.2022	5.89	178136	

**Transmission Charges for Short Term Open Access (STOA)**

S.No.	State	Region	STOA rate (paise/kWh)
1	Delhi	NR	53.51
2	UP	NR	58.19
3	Punjab	NR	53.23
4	Haryana	NR	64.46
5	Chandigarh	NR	44.50
6	Rajasthan	NR	56.47
7	HP	NR	42.16
8	J&K	NR	44.59
9	Uttarakhand	NR	58.01
10	Gujarat	WR	42.01
11	Madhya Pradesh	WR	44.72
12	Maharashtra	WR	49.48
13	Chhattisgarh	WR	38.42
14	Goa	WR	50.41
15	Daman and Diu and Dadra and Nagar Haveli	WR	47.35
16	Andhra Pradesh	SR	55.56
17	Telangana	SR	42.26
18	Tamil Nadu	SR	41.51
19	Kerala	SR	44.32
20	Karnataka	SR	49.01
21	Pondicherry	SR	40.44
22	Goa-SR	SR	33.69
23	West Bengal	ER	51.35
24	Odisha	ER	48.57
25	Bihar	ER	45.59
26	Jharkhand	ER	53.35
27	Sikkim	ER	40.23
28	DVC	ER	46.53
29	Bangladesh	ER	36.36
30	Arunachal Pradesh	NER	43.89
31	Assam	NER	46.92
32	Manipur	NER	44.78
33	Meghalaya	NER	38.11
34	Mizoram	NER	43.82
35	Nagaland	NER	58.80
36	Tripura	NER	49.16

**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	9153.03	
2	Delhi	NR	4155.16	
3	Haryana	NR	4243.75	
4	Uttarakhand	NR	1361.17	
5	Punjab	NR	5399.06	
6	Rajasthan	NR	4167.15	
7	Himachal Pradesh	NR	1683.21	
8	Jammu & Kashmir	NR	2305.11	
9	Chandigarh	NR	352.24	
10	Noida Power Company Ltd, UP	NR	170.00	Uttar Pradesh
11	Railways_UP	NR	256.88	Uttar Pradesh
12	Railways_Haryana	NR	55.00	Haryana
13	Railways_Delhi	NR	15.00	Delhi
14	Railways_Rajasthan	NR	10.00	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	175.00	
23	WBSIEDCL	NR	600.00	
24	GMR Kamalanga Energy Pvt. Ltd	NR	75.00	
25	Jorthang	NR	86.40	
26	Tashiding	NR	87.30	
27	Gujarat	WR	9228.79	
28	Madhya Pradesh	WR	7547.57	
29	Chhattisgarh	WR	2884.78	
30	Maharashtra	WR	6999.07	
31	GOA	WR	513.39	
32	D&D and DNH	WR	1480.81	
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	HVDC Champa	WR	3.19	Chhattisgarh
38	HVDC Raigarh	WR	1.88	Chhattisgarh
39	Railways_MP	WR	209.00	Madhya Pradesh
40	Railways_Maharashtra	WR	122.18	Maharashtra
41	ACB Ltd.	WR	49.94	
42	JINDAL	WR	12.10	
43	Torrent Power	WR	200.00	
44	DB Power	WR	3.31	
45	GMR Warora Energy Ltd, Maharashtra	WR	44.59	
46	CSPTCL	WR	261.00	
47	TRN Energy Pvt. Ltd.	WR	3.00	
48	Sembcorp Energy India Ltd	WR	115.00	
49	WBSIEDCL	WR	400.00	
50	BIHAR	ER	5901.75	
51	JHARKHAND	ER	708.33	

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*
52	DVC	ER	330.46	
53	ORISSA	ER	1765.80	
54	WEST BENGAL	ER	2407.87	
55	SIKKIM	ER	96.86	
56	Bangladesh	ER	782.43	
57	TATA Steel Ltd.	ER	200.00	DVC
58	Railways_Bihar	ER	100.00	Bihar
59	Railways_DVC	ER	110.00	DVC
60	HVDC Alipurduar	ER	1.41	West Bengal
61	POWERGRID PUSAULI	ER	0.91	Bihar
62	Andhra Pradesh	SR	1725.77	
63	Karnataka	SR	3987.68	
64	KSEB	SR	2738.13	
65	Tamil Nadu	SR	8384.56	
66	Telangana	SR	3894.69	
67	Puducherry	SR	533.09	
68	Goa	SR	93.08	
69	SAIL, Salem	SR	13.65	Tamil Nadu
70	Railways_Karnataka	SR	10.00	Karnataka
71	PG-HVDCGazuwaka	SR	0.98	Andhra Pradesh
72	PG-HVDCTalcher	SR	1.50	Andhra Pradesh
73	PG-HVDCKolar	SR	1.50	Karnataka
74	PG-HVDC Pugalur	SR	2.92	Tamil Nadu
75	PG-HVDC Thrissur	SR	1.11	Kerala
76	Sembcorp Energy India Ltd Project-I	SR	55.00	
77	Sembcorp Energy India Ltd Project-II	SR	351.54	
78	Arunachal Pradesh	NER	287.76	
79	Assam	NER	1621.87	
80	Manipur	NER	210.13	
81	Meghalaya	NER	264.17	
82	Mizoram	NER	136.93	
83	Nagaland	NER	194.25	
84	Tripura	NER	302.31	
85	PG-HVDC BNC	NER	1.37	Assam
86	Railway_Assam	NER	5.00	Assam
<b>TOTAL</b>			<b>101722.480</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**