



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033



आई एस ओ : 9001-2008
ISO : 9001-2008

Tel No. :033-24239651, 24239650 FAX No.:033-24239652, 24239653 Web: www.erpc.gov.in

NO: ERPC/COM-II/ABT-DC/1555

Date: 23.02.2022

To: As per List / संलग्न सूची के अनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 07.02.2022 to 13.02.2022

Sir,

Statement of Deviation charges for the week has been prepared as per CERC (DSM & Related matters) regulation,2014 & all amendments (including 5th Amendment regulation,2019 dated 28.05.2019) & **Petition No. 11/SM/2020 dated 29.05.2020.**

RRAS Settlement Account for the weeks has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC. AGC Settlement Account for the week has been prepared based on the CERC order in petition No. 79/RC/2017, dated 06.12.2017.

The last installment of data for the subjected week has been received from ERLDC/NLDC on 18.02.2022.

The constituents, who have to pay the Deviation Charges as indicated in the statement, are requested to make the payment to the Deviation Pool account operated by ERLDC within 10 days of the billing date. In case of delayed payments for Deviation charges against these bills beyond 12 days, the defaulting constituents shall have to pay simple interest @0.04 % for each day of delay.

जिन संघ के सदस्यों को विचलन शुल्क का भुगतान करना है, उनसे अनुरोध है कि वे बिलिंग तिथि के 10 दिनों के भीतर ईआरएलडीसी द्वारा संचालित विचलन पूल खाते में भुगतान करें। इन विचलन शुल्क के बिलों के भुगतान में 12 दिनों से अधिक के विलंब की स्थिति में, व्यतिक्रामी घटकों को विलंब के प्रत्येक दिन @ 0.04% का साधारण ब्याज का भुगतान करना होगा।

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS/AGC providers beyond 12/17 days of the issuance date, the RRAS/AGC providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

आरआरएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता@ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

यदि कोई अवलोकन हो, पंद्रह दिनों के भीतर ईआरपीसी सचिवालय को सूचित किया जा सकता है।

This is issued with the approval of Member Secretary.

Encl: As above

भवदीय / Yours faithfully,

(S. KEJRIWAL)
SUPERINTENDING ENGINEER

List of Addressee

1. CE (Trans/O&M), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSPHCL, Vidyut Bhavan, 3rd Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JBVNL, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JUSNL, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (SLDC), DVC, P.O.: Danesh Sheikh Lane, Andul Road, Howrah - 71110 9. FAX-033-2688-5094
7. Sr. GM(PP), GRIDCO, 4th floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. Sr. General Manager(Finance), OPGC, Odisha (Fax: 06645 222225)
10. CE (Trans.), Energy & Power Deptt., Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (SLDC), WBSETCL, PO. Danesh Sheikh Lane, Howrah-109. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayak Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 ,2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikeela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. AGM(Comml.), ER-I, Powergrid, Patna (Fax: 0612 2227630)
19. AGM(Comml.), ER-II, Powergrid, Kolkata (Fax NO. 033 2357 2827)
20. AGM(E&M), GATI Infrastructure Ltd.,, Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
21. ED, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
22. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
23. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
24. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
25. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
28. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
29. AGM, SO, NVVN, SCOPE Complex, Core-5, 1st & 2nd Floor, Lodhi Road, New Delhi-110003 (Fax: 011-24367021)
30. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)
33. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
34. Director, Shiga Energy Pvt. Ltd., 5th Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002
35. CEO, Sneha Kinetic Power Projects Pvt.Ltd. #31 -A, National Highway, Behind SNOD building,. Deorali, Gangtok, Sikkim-737102
36. ED(Commercial), PTC india Limited, 2nd Floor NBCC Tower, Bikaji Cama Palace, New Delhi-110066

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

ABT based Deviation Charge Account

From 07-02-2022 to 13-02-2022

AS - PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019 & 01/12/2020

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)		ADDITIONAL DEVIATION CHARGE DUE TO BLOCKWISE VIOLATION OF VOLUME LIMIT (in Rs. Lakhs.)	ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF SIGN CHANGE (in Rs. Lakhs.)	FINAL DEVIATION CHARGE (in Rs. Lakhs)	
	Receivable	Payable			Receivable	Payable
BENEFICIARIES OF EASTERN REGION						
BSPHCL	205.11014		3.01292	50.22049	151.87673	
JUVNL		16.80611	7.70542	11.27073		35.78226
DVC	250.25537		1.37789	19.93876	228.93872	
GRIDCO		81.41391	19.92387	8.28686		109.62464
SIKKIM		15.50806	1.16283	0.01253		16.68342
WBSETCL		149.54100	83.71146	6.74702		239.99948
HVDC SASARAM	3.74621		0.01930	0.00000	3.72691	
HVDC ALIPURDUAR	1.18389		0.00591	0.00000	1.17798	
CERC REGULATED GENERATORS (CGS/ISGS)						
BARH-I		23.19480	15.42327	0.40094		39.01901
FSTPP - I & II		52.40949	6.11354	2.13021		60.65324
FSTPP-III		108.73631	1.84819	44.77108		155.35558
KHSTPP-I		35.58014	0.95119	0.01556		36.54689
KHSTPP-II	40.85526		0.10584	1.21193	39.53749	
TSTPP	14.03498		0.12180	0.03358	13.87960	
BARH-II	14.30289		0.02941	0.39816	13.87532	
MTPS-II		1.09970	0.24475	0.00000		1.34445
BRBCL	7.11303		1.84515	0.09904	5.16884	
TEESTA	14.21032		0.00110	0.00000	14.20922	
RANGIT		1.26162	0.07045	0.08679		1.41886
MPL	4.22602		0.37287	0.00000	3.85315	
NPGC	34.72319		1.81856	2.93626	29.96837	
DARLIPALI		79.71250	19.14562	5.96650		104.82462
OTHER GENERATORS						
APNRL	8.29987		0.15031	0.00000	8.14956	
GMRKEL	34.67713		0.00000	0.00000	34.67713	
JITPL	11.01793		0.12466	0.12881	10.76446	
CHUZACHEN	0.28338		0.00922	0.00000	0.27416	
DIKCHU	0.75368		0.01832	0.00000	0.73536	
JOETHANG HEP		13.72073	0.00291	0.00000		13.72364
THEP		8.64127	0.01098	0.00000		8.65225
TUL	4.51178		0.01102	0.00000	4.50076	
RONGNICHU HEP		0.24263	0.00388	0.00000		0.24651
INTER-REGIONAL						
NER	3100.50631				3100.50631	
NR		13244.87410				13244.87410
SR		13791.95077				13791.95077
WR	23199.52125				23199.52125	
INTER-NATIONAL						
PTC_BHUTAN	10.13046		1.94768	0.00000	8.18278	
NVVN-BD	21.64229		4.52749	0.00000	17.11480	
NVVN-NEPAL		36.28457	4.20698	0.75627		41.24782
TPTCL		14.44999	0.11490			14.56489
INFIRM GENERATORS						
NPGC-INFIRM		26.34580				26.34580
SOLAR GENERATORS						
TALCHER SOLAR	0.47358				0.47358	
TOTAL	26981.57896	27701.77350	176.13969	155.41152	26891.11248	27942.85823

Payable To The Pool (A) :	27701.77350
Receivable From The Pool (B) :	26981.57896
Differential Amount Arising from capping of Generating Stations(A-B) :	720.19454
Additional Deviation Amount :	331.55121

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

- i) For computing Deviation Charge for the week, Korba meter(NP2657A) has been used as master frequency meter.
- ii) Deviation charges for the week has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation.Notification no. No.L-1/132/2013/ CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015, 4th Amendment order dated 20.11.2018, 5th Amendment order dated 28.05.2019 & clause 7.10(b) of DSM 5th Amendment has been incorporated w.e.f. 01.12.2020.**
- iii) ACP values for computation of deviation rate vector has been taken from NLDC website
- iv) The Cap rate for all generators has been fixed at 303.04 paisa/kwh as per DSM 5th amendment 2019.
- v) Additional Deviation Charge due to violation of Block wise volume limit is inclusive of Additional deviation charge due to OD/UI at $f < 49.85\text{Hz}$ & OI/UD at $f > 50.10\text{ Hz}$.
- vi) CHPC, KHPC, THPC and Mangdechhu are not covered under ABT. Hence Deviation energy (MWh) of these stations shall be adjusted monthly after getting data from concerned agency.
- vii) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.
- viii) As informed by ERLDC OPGC (2*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.
- ix) As informed by ERLDC NPGC(NTPC) became a regional entity and DSM pool member wef 10.05.18 as NPGC started drawing start up power wef 10.05.18
- x) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.
- xi) Dagachhu HEP has been considered as pure Run of River without pondage as per TPTCL letter dated 06.02.2019 for computation of ADC due to sign change violation
- xii) As informed by ERLDC one unit of NPGC(1x660 MW) has been scheduled w.e.f. 06.09.2019
- xiii) As informed by ERLDC, NPGC Unit#2 starts drawing Start Up Power w.e.f. 27.08.2019.
- xiv) As informed by ERLDC, BARH Stage-I starts drawing Start up Power w.e.f 01.02.2020.
- xv) As informed by ERLDC one unit of DARLIPALI has been scheduled w.e.f. 01.03.2020.
- xvi) As informed by ERLDC, DARLIPALI U#2 start drawing start Up power w.e.f. 31.03.2020.
- xvii) As informed by ERLDC, RONGNICHU HEP start drawing start Up power w.e.f 00.00 hr of 17.04.2021 & Infirm Injection w.e.f 18.15 hr of 18.04.2021.
- xvii) As informed by ERLDC, RONGNICHU HEP has been scheduled w.e.f 02.07.2021.
- xviii) As informed by ERLDC, NPGC U#2 has been scheduled wef 23.07.2021
- xix) As informed by ERLDC, BRBCL_U#4 start drawing start Up power w.e.f. 23.08.2021.
- xx) As informed by ERLDC, DARLIPALI U#2 has been scheduled wef 01.09.2021
- xxi) As informed by ERLDC, BARH Stage-I U#1 has been scheduled wef 12.11.2021**
- xxii) As informed by ERLDC, BRBCL U#4 has been scheduled wef 01.12.2021**
- xxiii) A new Regional Entity PTC-BHUTAN added for net Bhutan Deviation account settlement w.e.f 01.01.2022 as per Designated Authority, CEA approval for import of Power by Bhutan.**

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 07-02-2022 to 13-02-2022

A. Payments to the RRAS Provider(s) from the DSM pool for UP Regulation :

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges (Rs) (X)	Variable Charges (Rs) (Y)	Markup as per CERC Order (Rs) (Z)	Total Charges (Rs) (X+Y+Z)
1	BARH	557.045	1024963	1668350	278523	2971836
2	BARH-I	100.46	243515	290430	50230	584175
3	BRBCL	17.2425	40106	37606	8621	86333
4	Darlipali_NTPC	76.75	127559	92714	38375	258648
5	FSTPP I & II	598.3	492999	1620795	299150	2412944
6	FSTPP-III	127.7025	190532	339689	63851	594072
7	KHSTPP-I	670.6275	702818	1832154	335314	2870286
8	KHSTPP-II	790.015	860326	2046929	395008	3302263
9	MPL	394.18	553823	1021321	197090	1772234
10	MTPS-II	850.1825	2324399	2228329	425091	4977819
11	NPGC	428.6	1016211	893202	214300	2123713
12	TSTPP-I	2.8175	2702	4708	1409	8819
	Total	4613.9225	7579952	12076226	2306961	21963139

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation :

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Variable Charges (Rs) (X)	Variable Charges Payable to Pool (Rs) (0.75*X)
1	BARH	1779.66	5330082	3997561
2	BARH-I	1239.775	3584190	2688142
3	BRBCL	1089.35	2375872	1781904
4	Darlipali_NTPC	0	0	0
5	FSTPP I & II	977.8225	2648921	1986691
6	FSTPP-III	277.1625	737252	552939
7	KHSTPP-I	1161.3875	3172911	2379683
8	KHSTPP-II	425.7675	1103164	827373
9	MPL	1080.285	2799019	2099264
10	MTPS-II	185.0375	484983	363737
11	NPGC	131.2075	273436	205077
12	TSTPP-I	48.6475	81290	60967
	Total	8396.1025	22591120	16943340

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries:

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges To Be Refunded (Rs)	To Beneficiary Name
1	BARH	557.045	832034	BSPHCL
2	BARH		36777	HVDC_APD
3	BARH		43878	JUVNL
4	BARH		112274	Sikkim
5	BARH-I	100.46	192716	BSPHCL
6	BARH-I		50799	Sikkim
7	BRBCL	17.2425	14038	Assam
8	BRBCL		24847	BSPHCL
9	BRBCL		9	Delhi
10	BRBCL		841	HARYANA
11	BRBCL		347	PUNJAB
12	BRBCL		23	Karnataka Railways
13	Darlipali_NTPC	76.75	127559	Sikkim
14	FSTPP I & II	598.3	56793	Assam
15	FSTPP I & II		1682	NVVN Bangladesh
16	FSTPP I & II		76301	BSPHCL
17	FSTPP I & II		10781	Delhi
18	FSTPP I & II		4787	JUVNL
19	FSTPP I & II		2410	Nagaland
20	FSTPP I & II		1169	ODISHA Solar
21	FSTPP I & II		4038	RAJASTHAN
22	FSTPP I & II		36510	UP
23	FSTPP I & II		287139	WBSETCL
24	FSTPP I & II		11387	WB Solar
25	FSTPP-III		127.7025	39065
26	FSTPP-III	60618		JUVNL
27	FSTPP-III	29058		GRIDCO
28	FSTPP-III	926		ODISHA Solar
29	FSTPP-III	203		TS TRANSCO
30	FSTPP-III	56271		WBSETCL
31	FSTPP-III	4391		WB Solar
32	KHSTPP-I	670.6275	4407	Assam
33	KHSTPP-I		15430	NVVN Bangladesh
34	KHSTPP-I		90471	BSPHCL
35	KHSTPP-I		25339	Delhi
36	KHSTPP-I		1144	Nagaland
37	KHSTPP-I		1073	ODISHA Solar
38	KHSTPP-I		5334	RAJASTHAN
39	KHSTPP-I		559443	UP
40	KHSTPP-I	177	WB Solar	
41	KHSTPP-II	790.015	2381	NVVN Bangladesh
42	KHSTPP-II		16097	BSPHCL
43	KHSTPP-II		7655	CHATTISGARH
44	KHSTPP-II		72371	Delhi
45	KHSTPP-II		73291	Gujarat
46	KHSTPP-II		18874	MP
47	KHSTPP-II		88425	RAJASTHAN
48	KHSTPP-II		1762	TS TRANSCO
49	KHSTPP-II		528711	UP
50	KHSTPP-II		49869	UTTARAKHAND
51	KHSTPP-II		891	WB Solar

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges To Be Refunded (Rs)	To Beneficiary Name
52	MPL	394.18	20181	DVC
53	MPL		86189	KSEBL-1
54	MPL		86189	KSEBL-2
55	MPL		268185	TPDDL
56	MPL	850.1825	93078	WBSETCL
57	MTPS-II		159864	BSPHCL
58	MTPS-II		33307	JUVNL
59	MTPS-II		2079315	GRIDCO
60	MTPS-II		34625	Sikkim
61	MTPS-II		487	TS TRANSCO
62	MTPS-II	428.6	16801	WBSETCL
63	NPGC		11399	BSPHCL
64	NPGC		84028	Sikkim
65	NPGC	2.8175	920783	UP
66	TSTPP-I		2702	Nagaland
	Total	4613.923	7579952	

Notes :

- A) RRAS settlement account for the week 07-02-2022 to 13-02-2022 has been prepared as per the detailed procedure for Ancillary Services Operation as approved by CERC.
- B) Fixed Charges and Variable Charges for RRAS providers have been calculated as per the rates furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.
- C) Mark Up rate for Regulation Up service has been considered at 50paise/KWh as per CERC order on petition no This is as per Clause 13.6 of the Detailed Procedure for Ancillary Services Operation approved by CERC.01/SM/2016 dated 29.02.2016.
- D) Quantum of Energy scheduled to/from VAE (Virtual Ancillary Entity) from/to concerned RRAS provider during Regulation Up/Regulation Down service has been considered as per the data furnished by ERLDC.
- E) For the purpose of refund of Fixed Charges during Regulation Up service, the total Fixed charges received by the RRAS provider from DSM Pool Account has been apportioned in the ratio of the quantum surrendered by the original beneficiaries.

EASTERN REGIONAL POWER COMMITTEE, KOLKATA
AGC Settlement Account by ERPC from 07-02-2022 to 13-02-2022

Payments to the AGC Provider(s) from the DSM pool

Sr. No	AGC Provider	UP Regulation due to AGC (MWh)	Down Regulation due to AGC (MWh)	Net Energy (MWh)	Variable Charges (Rs.)	Markup Charges as per CERC Order (Rs.)	Total Charges (Rs.)
1	BARH	3333.7881	2426.9747	906.8134	2715907	2880381	5596288
2	FSTPP I & II	586.3737	739.8321	-153.4584	-415719	663103	247384
3	KHSTPP-II	1260.5095	4734.3804	-3473.8709	-9000799	2997445	-6003354
4	MPL	1562.7633	7538.7855	-5976.0222	-15483873	4550774	-10933099
5	NPGC	1346.7088	3615.5698	-2268.861	-4728306	2481139	-2247167
6	Teesta_V	0	0	0	0	0	0
	Total	8090.1434	19055.5425	-10965.3991	-26912790	13572842	-13339948

Notes :

A) (+) means payable from DSM Pool to AGC provider. (-) means payable to DSM Pool by AGC provider.

B) AGC settlement account for the week 07-02-2022 to 13-02-2022 has been prepared based on the CERC order in petition No.79/RC/2017, dated 06.12.2017.

C) The markup rate has been calculated at the rate of 50 Paise/Kwh for Up & Down regulation.

D) Variable Charges for AGC provider has been calculated as per the rate furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.