



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



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NO: ERPC/COM-II/ABT-DC/ 1684

Date: 29.03.2022

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 07.03.2022 to 13.03.2022

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 18.03.2022.

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: Saraikela, 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 07-03-2022 to 13-03-2022
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		41.18799	4.93652	8.49833		54.62284
JUVNL		311.23235	31.76661	47.61944		390.61840
DVC	472.56795		0.26650	34.55816	437.74329	
GRIDCO	193.84860		3.48887	4.59297	185.76676	
SIKKIM	31.17466		1.13326	0.00000	30.04140	
WBSETCL		34.07476	134.37981	15.05123		183.50580
HVDC SASARAM	5.96819		0.00000	0.00000	5.96819	
HVDC ALIPURDUAR	2.22693		0.00030	0.00000	2.22663	
CERC REGULATED GENERATORS (CGS/ISGS)						
BARH-I		36.18513	2.39453	0.36609		38.94575
FSTPP - I & II		23.10445	0.11879	1.31068		24.53392
FSTPP-III	2.22025		0.15290	0.00000	2.06735	
KHSTPP-I		7.99071	0.08343	0.00000		8.07414
KHSTPP-II	10.82861		0.07493	0.00000	10.75368	
TSTPP	39.24199		0.00000	0.00000	39.24199	
BARH-II		133.87030	11.20798	4.43504		149.51332
MTPS-II		1.25820	0.09112	0.00000		1.34932
BRBCL		20.66326	4.93376	1.29491		26.89193
TEESTA	20.53616		0.00000	0.00000	20.53616	
RANGIT	9.67625		0.02588	0.00000	9.65037	
MPL	24.73962		0.05592	0.00000	24.68370	
NPGC	51.20810		0.56445	0.26152	50.38213	
DARLIPALI	72.13605		0.00000	0.00000	72.13605	
OTHER GENERATORS						
APNRL	10.50507		0.01370	0.00000	10.49137	
GMRKEL	28.13158		0.00000	0.00000	28.13158	
JITPL	12.82527		0.11976	0.00000	12.70551	
CHUZACHEN	0.25107		0.01353	0.00000	0.23754	
DIKCHU	0.54641		0.01102	0.00000	0.53539	
JORETHANG HEP		9.76461	0.02473	0.00000		9.78934
THEP		8.57302	0.00370	0.00000		8.57672
TUL	9.17313		0.00097	0.00000	9.17216	
RONGNICHU HEP		0.11482	0.00291	0.00000		0.11773
INTER-REGIONAL						
NER	4202.44491				4202.44491	
NR		17343.68170				17343.68170
SR		20404.26781				20404.26781
WR	32057.09407				32057.09407	
INTER-NATIONAL						
PTC_BHUTAN	78.58465		0.04281	0.00000	78.54184	
NVVN-BD	31.48815		0.00000	0.00000	31.48815	
NVVN-NEPAL		158.53609	14.53071	7.18237		180.24917
TPTCL		16.29061	0.26293			16.55354
INFIRM GENERATORS						
BARH SG1_U2_INFIRM		26.50428	0.00000	0.00000		26.50428
NPGC-INFIRM		66.65789				66.65789
SOLAR GENERATORS						
TALCHER SOLAR	0.61594				0.61594	
TOTAL	37368.03361	38643.95798	210.70233	125.17074	37322.65616	38934.45360

Payable To The Pool (A) :	38643.95798
Receivable From The Pool (B) :	37368.03361
Differential Amount Arising from capping of Generating Stations(A-B) :	1275.92437
Additional Deviation Amount :	335.87307

**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 we.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 $f \geq 50.10\text{ Hz}$.
- 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 drwaing 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 drwing 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 & Infirum Injection w.e.f 18.15 hr of 18.04.2021.
- xviii) As informed by ERLDC, RONGNICHU HEP has been schduled w.e.f 02.07.2021.
- xix) As informed by ERLDC, NPGC U#2 has been scheduled wef 23.07.2021
- xx) As informed by ERLDC, BRBCL_U#4 start drwing start Up power w.e.f. 23.08.2021.
- xxi) As informed by ERLDC, DARLIPALI U#2 has been scheduled wef 01.09.2021
- xxii) As informed by ERLDC, BARH Stage-I U#1 has been scheduled wef 12.11.2021
- xxiii) 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.**
- xxiv) As informed by ERLDC, BARH Stage-I U#2 start drawing start Up power w.e.f 18.01.2022.**

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 07-03-2022 to 13-03-2022

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	224.8775	413775	680255	112439	1206469
2	BARH-I	94.2975	228577	240364	47149	516090
3	BRBCL	167.525	389663	365037	83763	838463
4	Darlipali_NTPC	62.32	103576	71543	31160	206279
5	FSTPP I & II	44.1625	36390	106917	22081	165388
6	FSTPP-III	0	0	0	0	0
7	KHSTPP-I	184.39	193241	501172	92195	786608
8	KHSTPP-II	163.875	178460	422306	81938	682704
9	MPL	0	0	0	0	0
10	MTPS-II	289.25	790810	760728	144625	1696163
11	NPGC	135	320085	273915	67500	661500
12	TSTPP-I	0.475	456	800	238	1494
	Total	1366.1725	2655031	3423037	683086	6761154

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	215.345	651419	488564
2	BARH-I	0	0	0
3	BRBCL	0	0	0
4	Darlipali_NTPC	0	0	0
5	FSTPP I & II	0	0	0
6	FSTPP-III	0	0	0
7	KHSTPP-I	253.275	688401	516301
8	KHSTPP-II	0	0	0
9	MPL	181.23	477904	358428
10	MTPS-II	14.22	37399	28049
11	NPGC	0	0	0
12	TSTPP-I	0	0	0
	Total	664.07	1855122	1391342

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	224.8775	322171	BSPHCL
2	BARH		18296	HVDC_APD
3	BARH		13823	JUVNL
4	BARH		59485	Sikkim
5	BARH-I	94.2975	228577	Sikkim
6	BRBCL	167.525	90155	Assam
7	BRBCL		26051	Bihar Railways
8	BRBCL		5351	Delhi
9	BRBCL		60308	DVC Railways
10	BRBCL		67381	HARYANA
11	BRBCL		51370	PUNJAB
12	BRBCL		1	RAILWAYS
13	BRBCL		15372	RAJASTHAN
14	BRBCL		4575	Karnataka Railways
15	BRBCL		69099	MP Railways
16	Darlipali_NTPC	62.32	103576	Sikkim
17	FSTPP I & II	44.1625	33054	Assam
18	FSTPP I & II		2029	Delhi
19	FSTPP I & II		1307	Nagaland
20	KHSTPP-I	184.39	44972	Delhi
21	KHSTPP-I		812	Nagaland
22	KHSTPP-I		147456	UP
23	KHSTPP-II	163.875	46052	Delhi
24	KHSTPP-II		132407	UP
25	MTPS-II	289.25	783474	GRIDCO
26	MTPS-II		7335	Sikkim
27	NPGC	135	320085	Sikkim
28	TSTPP-I	0.475	456	Nagaland
	Total	1366.1725	2655031	

Notes :

A) RRAS settlement account for the week 07-03-2022 to 13-03-2022 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 07-03-2022 to 13-03-2022

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	1468.7915	1757.8244	-289.0329	-874325	1613308	738983
2	FSTPP I & II	227.7328	4668.1215	-4440.3887	-10750181	2447927	-8302254
3	FSTPP-III	958.6714	1154.3949	-195.7235	-465235	1056533	591298
4	KHSTPP-II	119.0929	2937.5518	-2818.4589	-7263169	1528322	-5734847
5	MPL	61.0523	3009.7069	-2948.6546	-7775602	1535380	-6240222
6	NPGC	739.1692	3423.3157	-2684.1465	-5446133	2081242	-3364891
7	Teesta_V	36.696	17.0034	19.6926	22903	26850	49753
	Total	3611.2061	16967.9186	-13356.7125	-32551742	10289562	-22262180

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 07-03-2022 to 13-03-2022 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.