



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

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टालीगंज, 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/8654-8688

Date: 15.02.2021

To: As per List / संलग्न सूची केअनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 01.02.2021 to 07.02.2021

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 on 12.02.2021.

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

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

ABT based Deviation Charge Account

From 01-02-2021 to 07-02-2021

AS PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019

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		43.16169	49.62425	62.64071		155.42665
JUVNL		100.01666	7.06450	23.85528		130.93644
DVC		0.86487	5.36737	6.91008		13.14232
GRIDCO	24.35246		46.96225	1.70250		24.31229
SIKKIM		4.28286	0.22434	0.09639		4.60359
WBSETCL		61.84268	72.62702	4.29271		138.76241
HVDC SASARAM	0.10184		0.00268	0	0.09916	
HVDC ALIPURDUAR	0.45189		0.00170	0	0.45019	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP - I & II		15.49764	0.60000	0.18190		16.27954
FSTPP-III		0	0	0		
KHSTPP-I		65.30630	0.93793	4.58561		70.82984
KHSTPP-II		27.96348	1.23629	2.33785		31.53762
TSTPP		6.83115	0.30267	0		7.13382
BARH		20.85908	0.40289	0.74689		22.00886
MTPS-II		11.11774	1.30021	0		12.41795
BRBCL	0.32836		0	0	0.32836	
TEESTA	17.96137		0.95926	0	17.00211	
RANGIT		0.11155	0.01404	0.02494		0.15053
MPL	3.42428		0.02519	0	3.39909	
NPGC	47.75217		0.06505	8.11901	39.56811	
DARLIPALI	53.57260		0	0	53.57260	
OTHER GENERATORS						
APNRL	25.24832		0.01681	0	25.23151	
GMRKEL	23.57947		0.59514	0	22.98433	
JITPL		9.14783	1.56812	0.36615		11.0821
CHUZACHEN		0.24450	0.00204	0		0.24654
DIKCHU		0.37960	0.01102	0		0.39062
JORETHANG HEP		10.75721	0	0		10.75721
THEP		6.88389	0.01636	0		6.90025
TUL		3.95839	0.00001	0		3.95840
INTER-REGIONAL						
NER	1714.33518				1714.33518	
NR	1185.21036				1185.21036	
SR	536.84639				536.84639	
WR		2377.72543				2377.72543
INTER-NATIONAL						
NVVN-BD	6.17318		0.83237	1.11953	4.22128	
NVVN-NEPAL		219.16634	16.06609	94.65353		329.88596
TPTCL		11.28568	0.13251			11.41819
INFIRM GENERATORS						
NPGC-INFIRM		126.77113				126.77113
BARH SG1_INFIRM		105.90810				105.90810
DARLIPALI_U2_INFIRM		16.86204				16.86204
SOLAR GENERATORS						
TALCHER SOLAR		0.39567				0.39567
TOTAL	3639.33787	3247.34151	206.95811	211.63308	3603.24867	3629.84350

Payable To The Pool (A) :	3247.34151
Receivable From The Pool (B) :	3639.33787
Differential Amount Arising from capping of Generating Stations(A-B) :	-391.99636
Additional Deviation Amount :	418.59119

**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.

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 01-02-2021 to 07-02-2021

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	50.84000	93546	129693	25420	248659
2	BRBCL	25.51500	63788	60266	12758	136812
3	Darlipali_NTPC	19.89000	42067	20725	9945	72737
4	FSTPP I & II	246.94500	203483	651935	123473	978891
5	FSTPP-III	0.00000	0	0	0	0
6	KHSTPP-I	103.80250	108785	242379	51901	403065
7	KHSTPP-II	300.89750	327677	666187	150449	1144313
8	MPL	59.75500	85031	148013	29878	262922
9	MTPS-II	280.77500	767639	784766	140388	1692793
10	NPGC	140.18250	355923	319616	70091	745630
11	TSTPP-I	0.00000	0	0	0	0
	Total	1228.60250	2047939	3023581	614301	5685821

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

Sr. No	RRAS Provider	Energy Scheduledn (MWH)	Variable Chargesn (Rs) (X)	Variable Charges Payable to Pool (Rs) (0.75*X)
1	BARH	5143.71250	13121611	9841208
2	BRBCL	3381.65500	7987469	5990602
3	Darlipali_NTPC	0.00000	0	0
4	FSTPP I & II	564.52250	1490339	1117755
5	FSTPP-III	0.00000	0	0
6	KHSTPP-I	200.70500	468646	351485
7	KHSTPP-II	263.03500	582359	436770
8	MPL	506.50250	1254607	940955
9	MTPS-II	1776.60000	4965597	3724198
10	NPGC	1334.10250	3041754	2281315
11	TSTPP-I	216.60750	410038	307528
	Total	13387.44250	33322421	24991816

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	50.84	83626	BSPHCL
			8487	HVDC_APD
			514	Sikkim
			919	TS TRANSCO
2	BRBCL	25.515	21389	Bihar Railways
			1070	Delhi
			1	DVC Railways
			1292	PUNJAB
			2141	RAJASTHAN
			4943	Karnataka Railways
3	Darlipali_NTPC	19.89	32951	MP Railways
			42067	Sikkim
4	FSTPP I & II	246.945	4461	Assam
			9025	BSPHCL
			1765	Delhi
			47182	UP
			133338	WBSETCL
			7712	WB Solar
5	FSTPP III			
6	KHSTPP-I	103.8025	1859	BSPHCL
			3813	Delhi
			10955	GRIDCO
			839	ODISHA Solar
			980	Sikkim
			90339	UP
7	KHSTPP-II	300.8975	3546	BSPHCL
			16718	Delhi
			1355	HARYANA
			4153	HP
			267290	UP
			34615	UTTARAKHAND
8	MPL	59.755	85031	TPDDL
9	MTPS-II	280.775	313744	BSPHCL
			419166	GRIDCO
			34729	WBSETCL
10	NPGC	140.1825	142621	BSPHCL
			11495	Sikkim
			201808	UP
11	TSTPP-I	0	0	
TOTAL		1228.6025	2047939	

Notes :

- A) RRAS settlement account for the week 01-02-2021 to 07-02-2021 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 01-02-2021 to 07-02-2021

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	0.00000	0.00000	0.00000	0	0	0

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 01-02-2021 to 07-02-2021 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.