



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



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NO: ERPC/COM-II/ABT-DC/614

Date: 25.08.2021

To: As per List / संलग्न सूची केअनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 09.08.2021 to 15.08.2021

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/NLDC on 20.08.2021.

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: 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

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

ABT based Deviation Charge Account

From 09-08-2021 to 15-08-2021

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		34.35055	14.73594	16.66999		65.75648
JUVNL		141.30008	5.56758	22.82393		169.69159
DVC		675.34671	125.30654	122.47404		923.12729
GRIDCO		91.53256	6.18559	1.53996		99.25811
SIKKIM		19.63090	1.33046	0.25759		21.21895
WBSETCL		285.76458	63.37024	42.33878		391.47360
HVDC SASARAM		1.18995	0.01888	0.00000		1.20883
HVDC ALIPURDUAR	0.61713		0.00764	0.00000	0.60949	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP - I & II	32.40813		5.33519	3.90449	23.16845	
FSTPP-III		1.09260	4.10682	1.60573		6.80515
KHSTPP-I		36.74078	2.61896	1.93063		41.29037
KHSTPP-II		21.91982	0.80984	2.05081		24.78047
TSTPP	3.76339		0.00000	0.38653	3.37686	
BARH		25.51701	0.96642	0.21436		26.69779
MTPS-II		0.28869	1.46612	0.12034		1.87515
BRBCL		11.57590	0.67862	1.13117		13.38569
TEESTA	10.35104		0.14587	0.00000	10.20517	
RANGIT		1.99028	0.09031	0.00000		2.08059
MPL		3.69534	0.15299	0.06532		3.91365
NPGC		35.01862	11.55801	0.66914		47.24577
DARLIPALI		5.99650	0.15091	0.00000		6.14741
OTHER GENERATORS						
APNRL	14.62060		0.04718	0.00000	14.57342	
GMRKEL	30.34251		0.00000	0.24066	30.10185	
JITPL	0.25149		0.10534	0.00000	0.14615	
CHUZACHEN	5.87997		0.04039	0.00000	5.83958	
DIKCHU	0.16717		0.49389	0.07912		0.40584
JORETHANG HEP		36.20328	7.53222	0.41372		44.14922
THEP		39.80201	13.06134	0.49079		53.35414
TUL		0.48081	0.02424	0.00000		0.50505
RONGNICHU HEP	2.38094		0.01673	0.00000	2.36421	
INTER-REGIONAL						
NER		2695.02829				2695.02829
NR	4043.34499				4043.34499	
SR		12458.75247				12458.75247
WR	11619.53590				11619.53590	
INTER-NATIONAL						
NVVN-BD	18.59421		0.51497	0.00000	18.07924	
NVVN-NEPAL	26.87146		2.89669	3.61327	20.36150	
TPTCL		129.60938	3.20349			132.81287
INFIRM GENERATORS						
NPGC-INFIRM		3.31846				3.31846
BARH SG1_INFIRM	535.23616				535.23616	
DARLIPALI_U2_INFIRM		37.43274				37.43274
SOLAR GENERATORS						
TALCHER SOLAR		2.31787				2.31787
TOTAL	16344.36509	16795.89618	272.53941	223.02037	16326.94297	17274.03384

Payable To The Pool (A) :	16795.89618
Receivable From The Pool (B) :	16344.36509
Differential Amount Arising from capping of Generating Stations(A-B) :	451.53109
Additional Deviation Amount :	495.55978

**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 we.f 10.05.18 as NPGC started drawing start up power we.f 10.05.18
- x) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member we.f 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 we.f 23.07.2021**

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 09-08-2021 to 15-08-2021

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	258.1725	475037	790524	129086	1394647
2	BRBCL	133.185	332963	342019	66593	741575
3	Darlipali_NTPC	0	0	0	0	0
4	FSTPP I & II	348.68	287312	1053014	174340	1514666
5	FSTPP-III	311.46	464698	923479	155730	1543907
6	KHSTPP-I	343.4075	359891	855085	171704	1386680
7	KHSTPP-II	575.65	626883	1359110	287825	2273818
8	MPL	235.1525	334622	560134	117576	1012332
9	MTPS-II	67.2425	183841	177386	33621	394848
10	NPGC	479.775	1218149	1114997	239888	2573034
11	TSTPP-I	37.37	35838	71713	18685	126236
	Total	2790.095	4319235	7247461	1395048	12961744

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	6755.6775	20685885	15514414
2	BRBCL	1007.815	2588069	1941052
3	Darlipali_NTPC	0	0	0
4	FSTPP I & II	36.7925	111113	83335
5	FSTPP-III	95.37	282772	212079
6	KHSTPP-I	263.4	655866	491900
7	KHSTPP-II	695.6	1642312	1231734
8	MPL	1074.625	2559757	1919818
9	MTPS-II	2.375	6265	4699
10	NPGC	72.895	169408	127056
11	TSTPP-I	100.5375	192931	144699
	Total	10105.0875	28894378	21670784

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	258.1725	456545	BSPHCL
			8923	HVDC_APD
			9569	TS TRANSCO
2	BRBCL	133.185	111671	Bihar Railways
			15755	Delhi
			50066	HARYANA
			37524	PUNJAB
			30667	RAJASTHAN
			35619	Karnataka Railways
			51661	MP Railways
3	FSTPP I & II	348.68	27697	Assam
			3846	BSPHCL
			7364	Delhi
			4926	Gujarat
			335	HARYANA
			2835	JUVNL
			91	Nagaland
			110742	GRIDCO
			1647	ODISHA Solar
			5153	RAJASTHAN
			11810	Tamilnadu
			5300	TS TRANSCO
			16533	UP
86539	WBSETCL			
2493	WB Solar			
4	FSTPP-III	311.46	10675	BSPHCL
			40077	Gujarat
			3144	JUVNL
			171502	GRIDCO
			4288	ODISHA Solar
			8557	TS TRANSCO
			221057	WBSETCL
5398	WB Solar			
5	KHSTPP-I	343.4075	20456	Assam
			6581	BSPHCL
			65629	Delhi
			20006	Gujarat
			17582	HARYANA
			5878	JUVNL
			855	Nagaland
			27101	GRIDCO
			2175	ODISHA Solar
			21236	RAJASTHAN
			2800	Tamilnadu
			156772	UP
11132	WBSETCL			
1689	WB Solar			

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges To Be Refunded (Rs)	To Beneficiary Name
6	KHSTPP-II	575.65	7370	Assam
			4234	CHATTISGARH
			35157	Delhi
			170035	Gujarat
			78899	HARYANA
			39376	HP
			3187	JUVNL
			10458	GRIDCO
			2267	ODISHA Solar
			67468	RAJASTHAN
			191930	UP
			14159	UTTARAKHAND
7	MPL	235.1525	2346	WB Solar
			19787	DVC
			135182	TPDDL
8	MTPS-II	67.2425	179654	WBSEDCL
			28622	BSPHCL
			131945	GRIDCO
			653	TS TRANSCO
9	NPGC	479.775	22621	WBSETCL
			14967	JUVNL
10	TSTPP-I	37.37	1203181	UP
			14069	Assam
			21386	Gujarat
			384	Nagaland
	Total	2790.095	4319235	

Notes :

A) RRAS settlement account for the week 09-08-2021 to 15-08-2021 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 09-08-2021 to 15-08-2021

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	2286.2217	2200.0397	86.1820	263889	2243131	2507020
2	KHSTPP-II	532.7371	4823.6995	-4290.9624	-10130962	2678218	-7452744
3	MPL	276.1269	3362.031	-3085.9041	-7350625	1819079	-5531546
4	Teesta_V	3.1627	76.9583	-73.7956	-85824	40061	-45763
	Total	3098.2484	10462.7285	-7364.4801	-17303522	6780489	-10523033

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 09-08-2021 to 15-08-2021 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.