



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/532

Date: 26.07.2021

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 05.07.2021 to 11.07.2021 and Adj DSM A/c for 12.06.2021 and Revised AGC A/c of Teesta_V for the week 14.06.2021-20.06.2021.

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 16.07.2021.

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.

आरआरएएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएएस/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 05-07-2021 to 11-07-2021

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		319.64285	99.73964	79.61464		498.99713
JUVNL		14.61727	20.86040	26.98558		62.46325
DVC	118.45810		6.62736	5.56094	106.26980	
GRIDCO		31.68749	22.07643	0.98734		54.75126
SIKKIM		8.54346	2.46439	0.01423		11.02208
WBSETCL		337.27011	68.71277	55.33041		461.31329
HVDC SASARAM		1.82788	0.13113	0.00000		1.95901
HVDC ALIPURDUAR		0.21443	0.06805	0.00000		0.28248
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP - I & II		93.85703	2.96132	15.55914		112.37749
FSTPP-III		62.54100	14.38723	8.90795		85.83618
KHSTPP-I		63.35453	3.10067	3.81767		70.27287
KHSTPP-II		78.92275	1.94568	2.83167		83.70010
TSTPP		19.73025	0.42311	1.32623		21.47959
BARH		18.28832	1.11819	0.09399		19.50050
MTPS-II		25.09839	1.68733	0.64817		27.43389
BRBCL		44.36506	13.66873	1.98054		60.01433
TEESTA	32.32602		0.21002	0.00000	32.11600	
RANGIT		0.48664	0.12152	0.08002		0.68818
MPL		6.30759	0.14040	0.00000		6.44799
NPGC	0.20009		0.08917	0.00000	0.11092	
DARLIPALI	13.30175		0.47125	0.00000	12.83050	
OTHER GENERATORS						
APNRL	13.64254		0.75316	0.00000	12.88938	
GMRKEL	64.45765		0.78609	1.15351	62.51805	
JITPL		41.56468	29.95603	2.33225		73.85296
CHUZACHEN		6.91789	1.94472	0.42809		9.29070
DIKCHU	8.87685		0.02864	0.00000	8.84821	
JORETHANG HEP		7.20224	0.57299	0.16994		7.94517
THEP	3.32882		1.86186	0.20684	1.26012	
TUL		8.11707	3.82136	0.00000		11.93843
RONGNICHU HEP		3.43348	0.39021	0.09114		3.91483
INTER-REGIONAL						
NER		4897.14037				4897.14037
NR		4006.45373				4006.45373
SR		9536.08112				9536.08112
WR	18746.49396				18746.49396	
INTER-NATIONAL						
NVVN-BD	18.72391		0.21814	0.00000	18.50577	
NVVN-NEPAL		181.44192	44.32714	21.47116		247.24022
TPTCL		57.05983	3.48677			60.54660
INFIRM GENERATORS						
NPGC-INFIRM	432.17756				432.17756	
BARH SG1_INFIRM		26.96787				26.96787
DARLIPALI_U2_INFIRM		112.26979				112.26979
SOLAR GENERATORS						
TALCHER SOLAR		2.22729				2.22729
Adj of FSTPP-I & II for 12.06.21					2.00336	
Adj of FSTPP-III for 12.06.21						0.80819
TOTAL	19451.98725	20013.63233	349.15190	229.59145	19436.02363	20575.21689

Payable To The Pool (A) :	20013.63233
Receivable From The Pool (B) :	19451.98725
Differential Amount Arising from capping of Generating Stations(A-B) :	561.64508
Additional Deviation Amount :	578.74335

**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 $f \geq 50.10\text{ Hz}$.
- 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 w.e.f 10.05.18 as NPGC started drawing start up power w.e.f 10.05.18
- x) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member w.e.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) Adj DSM for 12.06.2021 are done due to change in Actual data as per ERLDC email dated 19.07.2021.**

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 05-07-2021 to 11-07-2021

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	2349.6175	4323296	6882030	1174809	12380135
2	BRBCL	117.3425	293356	282796	58671	634823
3	Darlipali_NTPC	7.285	15408	8086	3643	27137
4	FSTPP I & II	1558.91	1284542	4467836	779455	6531833
5	FSTPP-III	430.31	642023	1210462	215155	2067640
6	KHSTPP-I	761.1125	797646	1781003	380556	2959205
7	KHSTPP-II	967.975	1054125	2147937	483988	3686050
8	MPL	842.4225	1198768	2028553	421211	3648532
9	MTPS-II	1925.2875	5263736	5331122	962644	11557502
10	NPGC	121.705	309009	279191	60853	649053
11	TSTPP-I	403.345	386808	734491	201673	1322972
	Total	9485.3125	15568717	25153508	4742656	45464881

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	242.7225	710934	533201
2	BRBCL	46.485	112029	84022
3	Darlipali_NTPC	0	0	0
4	FSTPP I & II	79.04	226529	169896
5	FSTPP-III	0	0	0
6	KHSTPP-I	0	0	0
7	KHSTPP-II	0	0	0
8	MPL	0	0	0
9	MTPS-II	9.58	26527	19895
10	NPGC	0	0	0
11	TSTPP-I	0	0	0
	Total	377.8275	1076019	807014

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	2349.6175	3972626	BSPHCL
			37153	HVDC_APD
			139156	JUVNL
			174361	TS TRANSCO
2	BRBCL	117.3425	47469	BSPHCL
			16845	Bihar Railways
			37993	Maharashtra Railways
			6002	Delhi
			17854	HARYANA
			69030	PUNJAB
			410	RAILWAYS
			47336	RAJASTHAN
			50417	Karnataka Railways
3	Darlipali_NTPC	7.285	15408	JUVNL
4	FSTPP I & II	1558.91	29907	Assam
			147925	BSPHCL
			22482	Delhi
			33766	JUVNL
			457227	GRIDCO
			27729	ODISHA Solar
			14573	RAJASTHAN
			24987	Tamilnadu
			44876	TS TRANSCO
			3000	UP
			437742	WBSETCL
40327	WB Solar			
5	FSTPP-III	430.31	7106	BSPHCL
			31329	Gujarat
			5625	JUVNL
			186911	GRIDCO
			6969	ODISHA Solar
			10625	TS TRANSCO
			382588	WBSETCL
			10870	WB Solar
6	KHSTPP-I	761.1125	85771	Assam
			28608	BSPHCL
			74774	Delhi
			220	Gujarat
			15132	JUVNL
			520973	GRIDCO
			24338	ODISHA Solar
			3902	RAJASTHAN
			9337	Tamilnadu
			97	TS TRANSCO
34496	UP			
7	KHSTPP-II	967.975	175123	Assam
			8175	BSPHCL
			92303	CHATTISGARH
			142154	Delhi
			102436	GRIDCO
			30347	ODISHA Solar
			21071	RAJASTHAN
			335111	UP
147405	UTTARAKHAND			

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges To Be Refunded (Rs)	To Beneficiary Name
8	MPL	842.4225	129566	DVC
			202595	KSEBL-1
			202595	KSEBL-2
			642223	TPDDL
			21789	WBSEDCL
9	MTPS-II	1925.2875	146025	BSPHCL
			21109	JUVNL
			4582211	GRIDCO
			27816	TS TRANSCO
			486575	WBSETCL
10	NPGC	121.705	309009	UP
11	TSTPP-I	403.345	169016	Assam
			207602	GRIDCO
			4815	ODISHA Solar
			3788	Tamilnadu
			1587	TS TRANSCO
	Total	9485.3125	15568717	

Notes :

- A) RRAS settlement account for the week 05-07-2021 to 11-07-2021 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 05-07-2021 to 11-07-2021

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	116.8124	312.8359	-196.0235	-574153	214824	-359329
2	KHSTPP-II	58.8673	588.1271	-529.2598	-1174428	323497	-850931
3	MPL	26.616	709.3545	-682.7385	-1644037	367985	-1276052
4	Teesta_V	1.9118	5.9617	-4.0499	-4710	3937	-773
	Total	204.2075	1616.2792	-1412.0717	-3397328	910243	-2487085

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 05-07-2021 to 11-07-2021 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.

EASTERN REGIONAL POWER COMMITTEE, KOLKATA
AGC Settlement Account by ERPC from 14-06-2021 to 20-06-2021

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	389.4555	105.6098	283.8457	829142	247533	1076675
2	KHSTPP-II	329.9446	416.7111	-86.7665	-178343	373328	194985
3	MPL	226.6789	349.1887	-122.5098	-248780	287934	39154
4	Teesta_V	2.6396	91.9443	-89.3047	-103861	47292	-56569
	Total	948.7186	963.4539	-14.7353	298158	956087	1254245

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 14-06-2021 to 20-06-2021 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.

E) AGC A/c of Teesta_V for above week has revised due to error in Variable charge data. All other constituents AGC account will be remain unchanged