



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](http://www.erpc.gov.in)

NO: ERPC/COM-II/ABT-DC/548

Date: 03.08.2021

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 12.07.2021 to 18.07.2021**

Sir,

Statement of Deviation charges for the week has been prepared as per CERC(DSM & Related matters) regulation,2014 & all amendments(including 5<sup>th</sup> 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 23.07.2021.*

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.

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, 3<sup>rd</sup> 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, 4<sup>th</sup> 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, 2<sup>nd</sup> 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, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> 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 12-07-2021 to 18-07-2021  
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
<b>BENEFICIARIES OF EASTERN REGION</b>						
BSPHCL		171.89083	28.46816	26.72263		227.08162
JUVNL		95.69844	8.30612	26.15221		130.15677
DVC	49.96682		7.85761	1.67329	40.43592	
GRIDCO		139.21285	23.52899	2.80857		165.55041
SIKKIM		9.42332	1.25010	0.00000		10.67342
WBSETCL		219.61214	29.78236	56.11102		305.50552
HVDC SASARAM		1.14413	0.02022	0.00000		1.16435
HVDC ALIPURDUAR	0.61424		0.03133	0.00000	0.58291	
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
FSTPP - I & II		29.27017	2.97122	5.63667		37.87806
FSTPP-III		15.25279	0.40710	0.00000		15.65989
KHSTPP-I		49.92741	1.58789	1.40886		52.92416
KHSTPP-II		42.78368	0.22427	2.47249		45.48044
TSTPP		23.06871	2.64888	0.82966		26.54725
BARH		29.72849	1.07012	0.21467		31.01328
MTPS-II	2.72817		1.32689	0.09127	1.31001	
BRBCL		63.84467	25.89251	4.23928		93.97646
TEESTA	22.45909		0.03637	0.00000	22.42272	
RANGIT	1.78552		0.12142	0.00000	1.66410	
MPL		18.46711	0.76501	0.32930		19.56142
NPGC		60.50890	20.44584	0.93715		81.89189
DARLIPALI	6.15609		0.04255	0.00000	6.11354	
<b>OTHER GENERATORS</b>						
APNRL		15.47871	13.96792	1.12952		30.57615
GMRKEL	21.66424		0.15635	0.19517	21.31272	
JITPL	7.16249		0.41459	0.00000	6.74790	
CHUZACHEN	2.32079		0.03647	0.00000	2.28432	
DIKCHU	6.78038		0.09353	0.00000	6.68685	
JORETHANG HEP		5.65371	1.01709	0.00000		6.67080
THEP	2.72495		2.18090	0.00000	0.54405	
TUL		0.22398	0.00000	0.00000		0.22398
RONGNICHU HEP		31.29305	4.89328	2.17289		38.35922
<b>INTER-REGIONAL</b>						
NER		2937.87665				2937.87665
NR	762.14896				762.14896	
SR		7892.89564				7892.89564
WR	8135.98126				8135.98126	
<b>INTER-NATIONAL</b>						
NVVN-BD	9.53650		0.19048	0.10242	9.24360	
NVVN-NEPAL		53.78037	5.67442	4.04796		63.50275
TPTCL		15.17844	0.14978			15.32822
<b>INFIRM GENERATORS</b>						
NPGC-INFIRM	1063.41577				1063.41577	
BARH SG1_INFIRM		40.06568				40.06568
DARLIPALI_U2_INFIRM	1131.37021				1131.37021	
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR		0.11696				0.11696
<b>TOTAL</b>	<b>11226.81548</b>	<b>11962.39683</b>	<b>185.55977</b>	<b>137.27503</b>	<b>11212.26484</b>	<b>12270.68099</b>

<b>Payable To The Pool (A) :</b>	<b>11962.39683</b>
<b>Receivable From The Pool (B) :</b>	<b>11226.81548</b>
<b>Differential Amount Arising from capping of Generating Stations(A-B) :</b>	<b>735.58135</b>
<b>Additional Deviation Amount :</b>	<b>322.83480</b>

**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 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 & Infirm Injection w.e.f 18.15 hr of 18.04.2021.
- xvii) As informed by ERLDC, RONGNICHU HEP has been schduled w.e.f 02.07.2021.**











# EASTERN REGIONAL POWER COMMITTEE, KOLKATA

## RRAS Settlement Report from 12-07-2021 to 18-07-2021

### 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	20.61	37922	60589	10305	108816
2	BRBCL	40.5525	101381	104139	20276	225796
3	Darlipali_NTPC	0	0	0	0	0
4	FSTPP I & II	152.36	125545	441558	76180	643283
5	FSTPP-III	185.59	276900	537520	92795	907215
6	KHSTPP-I	397.69	416779	968810	198845	1584434
7	KHSTPP-II	1081.005	1177215	2448589	540503	4166307
8	MPL	562.715	800744	1351224	281358	2433326
9	MTPS-II	405.44	1108473	1096555	202720	2407748
10	NPGC	88.2625	224099	202474	44131	470704
11	TSTPP-I	87.4275	83843	160419	43714	287976
	<b>Total</b>	<b>3021.6525</b>	<b>4352901</b>	<b>7371878</b>	<b>1510826</b>	<b>13235605</b>

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

Sr. No	RRAS Provider	Energyn Scheduledn (MWH)	Variable Charges (Rs) (X)	Variable Charges Payable to Pool (Rs) (0.75*X)
1	BARH	23532.11	70151370	52613527
2	BRBCL	2319.5175	5866121	4399591
3	Darlipali_NTPC	0	0	0
4	FSTPP I & II	1281.895	3863307	2897480
5	FSTPP-III	536.485	1567789	1175842
6	KHSTPP-I	107.87	260652	195489
7	KHSTPP-II	175.92	413113	309835
8	MPL	1745.9725	4165309	3123982
9	MTPS-II	450.8175	1248314	936235
10	NPGC	670.0475	1557190	1167893
11	TSTPP-I	161.15	309247	231935
	<b>Total</b>	<b>30981.785</b>	<b>89402412</b>	<b>67051809</b>

**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	20.61	4257	HVDC_APD
			33666	TS TRANSCO
2	BRBCL	40.5525	61732	Bihar Railways
			4053	Maharashtra Railways
			20828	PUNJAB
			7384	RAJASTHAN
3	FSTPP I & II	152.36	7384	Karnataka Railways
			12254	Delhi
			1958	Gujarat
			14143	HARYANA
			43759	GRIDCO
			457	ODISHA Solar
			3801	RAJASTHAN
			11	Tamilnadu
			19200	TS TRANSCO
			10797	WBSETCL
4	FSTPP-III	185.59	19165	WB Solar
			515	Assam
			52678	Gujarat
			136370	GRIDCO
			830	ODISHA Solar
			18279	TS TRANSCO
			66601	WBSETCL
1626	WB Solar			
5	KHSTPP-I	397.69	9512	Assam
			94705	Delhi
			19962	Gujarat
			14702	HARYANA
			156389	GRIDCO
			533	RAJASTHAN
			2955	TS TRANSCO
6	KHSTPP-II	1081.005	118021	UP
			4339	CHATTISGARH
			128763	Delhi
			367948	Gujarat
			86157	HARYANA
			43913	HP
			4448	GRIDCO
			15428	RAJASTHAN
7	MPL	562.715	477055	UP
			49164	UTTARAKHAND
			14723	DVC
			92580	KSEBL-1
			92580	KSEBL-2
8	MTPS-II	405.44	450554	TPDDL
			150308	WBSEDCL
9	NPGC	88.2625	1097377	GRIDCO
			11096	TS TRANSCO
10	TSTPP-I	87.4275	224099	UP
			21788	Assam
			1335	DVC
			983	Nagaland
<b>Total</b>			59737	GRIDCO
		<b>3021.6525</b>	<b>4352900</b>	

Notes :

A) RRAS settlement account for the week 12-07-2021 to 18-07-2021 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.

**SUPERINTENDING ENGINEER**

**EASTERN REGIONAL POWER COMMITTEE, KOLKATA**  
**AGC Settlement Account by ERPC from 12-07-2021 to 18-07-2021**

**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	429.8909	76.2471	353.6438	1051775	253069	1304844
2	KHSTPP-II	160.2695	448.3357	-288.0662	-666865	304303	-362562
3	MPL	211.7417	291.2865	-79.5448	-189200	251514	62314
4	Teesta_V	13.9482	4.4585	9.4897	11037	9203	20240
	<b>Total</b>	<b>815.8503</b>	<b>820.3278</b>	<b>-4.4775</b>	<b>206747</b>	<b>818089</b>	<b>1024836</b>

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 12-07-2021 to 18-07-2021 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.