



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/155

Date: 02.05.2022

To: As per List / संलग्न सूची केअनुसार

**Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 18.04.2022 to 24.04.2022**

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 29.04.2022.*

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 issues 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: 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, 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., 5<sup>th</sup> 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, 2<sup>nd</sup> Floor NBCC Tower, Bikaji Cama Palace, New Delhi-110066

**EASTERN REGIONAL POWER COMMITTEE, KOLKATA**  
**ABT based Deviation Charge Account**

From 18-04-2022 to 24-04-2022  
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
<b>BENEFICIARIES OF EASTERN REGION</b>						
BSPHCL		66.61900	133.63195	34.33234		234.58329
JUVNL		517.90166	223.00809	134.78828		875.69803
DVC		52.15666	89.04900	4.96967		146.17533
GRIDCO		2132.77246	1085.85579	821.35876		4039.98701
SIKKIM		120.00466	49.76208	5.19402		174.96076
WBSETCL		1312.03361	785.41267	315.68091		2413.12719
HVDC SASARAM	4.91357		0.00364	0.00000	4.90993	
HVDC ALIPURDUAR		0.87686	0.29157	0.00000		1.16843
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
BARH-I	9.71172		4.26055	0.12517	5.32600	
FSTPP - I & II		33.81557	9.78612	0.34954		43.95123
FSTPP-III		75.27080	20.64774	0.68294		96.60148
KHSTPP-I		73.29801	22.32357	3.48740		99.10898
KHSTPP-II	37.04282		1.65087	0.29808	35.09387	
TSTPP	26.43622		2.31640	0.05762	24.06220	
BARH-II	68.40609		0.33084	0.36090	67.71435	
MTPS-II	2.27623		1.20810	0.00000	1.06813	
BRBCL		12.94066	5.97552	0.94434		19.86052
TEESTA	34.26701		0.13847	0.00000	34.12854	
RANGIT	10.60293		0.59330	0.19943	9.81020	
MPL		6.44858	35.23502	1.18036		42.86396
NPGC	53.21770		0.55431	0.61126	52.05213	
DARLIPALI		20.36051	30.75679	0.95710		52.07440
<b>OTHER GENERATORS</b>						
APNRL		4.36992	12.46556	0.39580		17.23128
GMRKEL	27.61918		0.00007	0.00000	27.61911	
JITPL	15.90269		3.72445	0.28431	11.89393	
CHUZACHEN	13.66291		1.60426	0.09727	11.96138	
DIKCHU	5.66285		2.02500	0.29503	3.34282	
JORETHANG HEP		15.93716	4.19475	0.00000		20.13191
THEP		19.54690	4.51884	0.00000		24.06574
TUL	18.85202		3.90138	0.00000	14.95064	
RONGNICHU HEP	8.54907		0.31837	0.00000	8.23070	
<b>INTER-REGIONAL</b>						
NER	6588.91810				6588.91810	
NR		8916.24402				8916.24402
SR		10474.19732				10474.19732
WR	15756.67032				15756.67032	
<b>INTER-NATIONAL</b>						
NVVN-BD	20.84570		18.51489	2.33169		0.00088
NVVN-NEPAL		409.17546	149.83883	108.61822		667.63251
TPTCL		54.02459	14.66708			68.69167
<b>INFIRM GENERATORS</b>						
BARH SG1_U2_INFIRM		43.99868				43.99868
NPGC-INFIRM		17.82616				17.82616
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR	3.13014				3.13014	
<b>TOTAL</b>	<b>22706.68727</b>	<b>24379.81925</b>	<b>2718.56587</b>	<b>1437.60044</b>	<b>22660.88249</b>	<b>28490.18078</b>

Payable To The Pool (A) :	24379.81925
Receivable From The Pool (B) :	22839.28642
Differential Amount Arising from capping of Generating Stations(A-B) :	1540.53283
Additional Deviation Amount :	4185.11096

**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  $f > 50.10\text{Hz}$ .
- 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 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 wef 23.07.2021
- xix) As informed by ERLDC, BRBCL\_U#4 start drawing start Up power w.e.f. 23.08.2021.
- xx) As informed by ERLDC, DARLIPALI U#2 has been scheduled wef 01.09.2021
- xxi) As informed by ERLDC, BARH Stage-I U#1 has been scheduled wef 12.11.2021
- xxii) 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.**
- xxv) As per PTC letter dated 28.03.2022 and Designated Authority, CEA approval letter dated 13.04.2022, Bhutan deviation account settlement will be done as per pre-DSM period w.e.f. 01.04.2022**











# EASTERN REGIONAL POWER COMMITTEE, KOLKATA

## RRAS Settlement Report from 18-04-2022 to 24-04-2022

### 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	702.9075	1293350	2120673	351454	3765477
2	BARH-I	299.955	727091	794581	149978	1671650
3	BRBCL	1482.22	3447644	3398731	741110	7587485
4	Darlipali_NTPC	0	0	0	0	0
5	FSTPP I & II	54.925	45258	170158	27463	242879
6	FSTPP-III	0	0	0	0	0
7	KHSTPP-I	126.995	133091	336664	63498	533253
8	KHSTPP-II	88.205	96055	221747	44103	361905
9	MPL	29.1275	40457	70344	14564	125365
10	MTPS-II	307	839338	816927	153500	1809765
11	NPGC	211.83	502249	425990	105915	1034154
12	TSTPP-I	0	0	0	0	0
	<b>Total</b>	<b>3303.165</b>	<b>7124534</b>	<b>8355814</b>	<b>1651583</b>	<b>17131931</b>

### 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	0	0	0
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	0	0	0
8	KHSTPP-II	0	0	0
9	MPL	0	0	0
10	MTPS-II	0	0	0
11	NPGC	0	0	0
12	TSTPP-I	0	0	0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</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	702.9075	792104	BSPHCL
2	BARH		84560	HVDC_APD
3	BARH		416686	Tamilnadu
4	BARH-I	299.955	727091	Tamilnadu
5	BRBCL	1482.22	175912	Assam
6	BRBCL		22477	Bihar Railways
7	BRBCL		2985211	Maharashtra Railways
8	BRBCL		111914	Delhi
9	BRBCL		56158	DVC Railways
10	BRBCL		45501	HARYANA
11	BRBCL		16236	PUNJAB
12	BRBCL		5223	RAILWAYS
13	BRBCL		25348	RAJASTHAN
14	BRBCL		3663	Karnataka Railways
15	FSTPP I & II	54.925	2720	Delhi
16	FSTPP I & II		13458	Tamilnadu
17	FSTPP I & II		29080	UP
18	KHSTPP-I	126.995	8799	Delhi
19	KHSTPP-I		32228	Tamilnadu
20	KHSTPP-I		92064	UP
21	KHSTPP-II	88.205	44477	CHATTISGARH
22	KHSTPP-II		51578	UP
23	MPL	29.1275	40457	DVC
24	MTPS-II	307	839338	Tamilnadu
25	NPGC	211.83	502249	UP
	<b>Total</b>	<b>3303.165</b>	<b>7124534</b>	

Notes :

- A) RRAS settlement account for the week 18-04-2022 to 24-04-2022 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 18-04-2022 to 24-04-2022**

**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	154.0785	1857.8962	-1703.8177	-5140419	1005987	-4134432
2	FSTPP I & II	61.6724	865.9131	-804.2407	-2491538	463793	-2027745
3	FSTPP-III	0	0	0	0	0	0
4	KHSTPP-II	53.0387	2972.8491	-2919.8104	-7340403	1512944	-5827459
5	MPL	312.3471	2356.75	-2044.4029	-4937233	1334549	-3602684
6	NPGC	1598.8398	1470.5416	128.2982	258007	1534691	1792698
7	Teesta_V	121.437	39.1759	82.2611	95670	80306	175976
	<b>Total</b>	<b>2301.4135</b>	<b>9563.1259</b>	<b>-7261.7124</b>	<b>-19555916</b>	<b>5932270</b>	<b>-13623646</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 18-04-2022 to 24-04-2022 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.