



सत्यमेव जयते

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

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/11275-11309

Date: 28.01.2020

To: As per List / संलग्न सूची के अनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS, FRAS & AGC Settlement Account for the period from 06.01.2020 to 12.01.2020.

दिनांक -06.01.2020 से 12.01.2020 तक की अवधि हेतु अतिरिक्त विचलन प्रभार, आरआरएएस, एफआरएएस एवं एजीसी निपटान खाते सहित विचलन प्रभार का विवरण।

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)

इस सप्ताह के लिए विचलन प्रभार का विवरण सीईआरसी (डीएसएम एवं संबंधित मामले) अधिनियम, 2014 एवं अन्य सभी संशोधनों (दिनांक- 28.05.2019 के 5वें संशोधन अधिनियम, 2019 सहित) के आधार पर तैयार किया गया है।

RRAS Settlement Account for the weeks has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC.FRAS Settlement Account for the week has been prepared based on the CERC order in petition No.07/SM/2018/Suo-Motu, dated 16.07.2018. AGC Settlement Account for the week has been prepared based on the CERC order in petition No. 79/RC/2017, dated 06.12.2017.

इस सप्ताह के लिए आरआरएएस निपटान खाते को सीईआरसी द्वारा अनुमोदित एंसिलरी सर्विसेज ऑपरेशन के दिशानिर्देशों के विस्तृत प्रक्रिया के अनुसार तैयार किया गया है। इस सप्ताह के लिए एफआरएएस निपटान खाता को दिनांक-16.07.2018 के सीईआरसी के आदेश याचिका सं. 07/एसएम/2018/Suo-Motu के आधार पर तैयार किया गया है। इस सप्ताह के लिए एजीसी निपटान खाता को दिनांक-06.12.2017 के सीईआरसी के आदेश याचिका सं. 79/RC/2017 के आधार पर तैयार किया गया है।

The last installment of data for the subjected week has been received from ERLDC on 23.01.2020.

दिनांक -23.01.2020 को ईआरएलडीसी से विषयवार सप्ताह हेतु डाटा की अंतिम किस्त प्राप्त की गई है।

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।

Encl: As above

भवदीय / Yours faithfully,


sदस्यसचिव / MEMBER SECRETARY

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, Dongtieh, 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, Bhubaneshwar- 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
For the period 06.01.20 TO 12.01.20
AS PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019

(All figures in Rs. Lakhs)

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)		ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF BLOCK WISE 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
A	B	C	D	E	F	G
BENEFICIARIES OF EASTERN REGION						
BSPHCL		183.34906	35.31223	0.70823		219.36952
JUVNL		118.63456	11.95159	0.69143		131.27758
DVC	30.32768		3.53950	0.68613	26.10206	
GRIDCO		112.81775	67.90660	0.01827		180.74262
SIKKIM		36.35891	2.16170	0.03420		38.55482
WBSETCL	40.39036		7.95411	0.39458	32.04167	
HVDC SASARAM	1.11841		0.01882	0.00000	1.09959	
HVDC ALIPURDUAR	1.06157		0.02844	0.00000	1.03313	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		2.90808	1.30147	0.01436		4.22392
FSTPP-III		8.71367	5.06299	0.05308		13.82974
KHSTPP-I	6.71808		0.07607	0.00000	6.64201	
KHSTPP-II		11.08627	0.49124	0.00000		11.57751
TSTPP		1.98588	5.58648	0.00000		7.57236
BARH		33.32945	1.49959	0.00000		34.82904
MTPS-II		8.46624	0.22366	0.00000		8.68990
BRBCL	20.21325		0.50552	0.07947	19.62826	
TEESTA	26.11697		0.09471	0.00000	26.02226	
RANGIT	2.08536		0.03874	0.00000	2.04662	
MAITHON R/B	28.25681		0.15810	0.00000	28.09871	
NPGC	4.86584		0.01534	0.00000	4.85050	
OTHER GENERATORS						
APNRL	15.42315		0.12923	0.00000	15.29393	
GMRKEL		37.21357	1.00595	0.00000		38.21953
JITPL		23.87680	0.38480	0.00000		24.26160
CHUZACHEN	1.60240		0.00553	0.00000	1.59687	
DIKCHU	0.55005		0.01377	0.00000	0.53628	
JORETHANG HEP		0.13904	0.00194	0.00000		0.14098
THEP		21.43285	0.02657	0.00000		21.45942
TUL		10.73882	10.03076	0.00000		20.76958
INTER- REGIONAL						
NER		85.09338				85.09338
NR	178.22055				178.22055	
SR		319.30646				319.30646
WR	1109.61215				1109.61215	
INTER- NATIONAL						
NVVN-BD		6.40900	12.83172	0.00000		19.24072
NVVN-NEPAL		16.35951	1.59658	0.01685		17.97294
TPTCL		23.88827	0.38919			24.27746
INFIRM GENERATORS						
NPGC_INFIRM		10.97780				10.97780
DARLIPALI_INFIRM		74.54822				74.54822
SOLAR GENERATORS						
TALCHER SOLAR	0.35367				0.35367	
TOTAL	1466.91631	1147.63360	170.34294	2.69662	1453.17826	1306.93510

(All figures in Rs. Lakhs)

Payable to the pool(A):		1147.63360
Receivable from the pool(B):		1466.91631
Differential Amount Arising from capping of Generating Stations(A-B)		-319.28271
Additional Deviation Amount:		173.03956

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

a) **Northern Region:** Pusauli East Bus and ER end of other A.C. Ties

b) **Western Region :** Ranchi end of Ranchi-Dharamjaygarh 765kV D/C, ER end of Sundergarh-Dharamjaygarh 765kV D/C,

ER end of Sundergarh-Raigarh 400kV Q/C, ER end of Ranchi-Sipat 400kV D/C, Budipadar-Korba 220 kV lines & Budhipadar-Raigarh 220kV D/C Lines

c) **Southern Region:** Angul end of Angul-Sirkakulam 765kV D/C Lines, Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.

d) **North Eastern Region:** NER end of 220 kV Alipurduar -Salakati D/C ,400 kV Alipurduar Bongaigaon and 400kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2657A) has been used as master frequency meter.

iii) Deviation charges for the week has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation.Notification no. No.L-1/132/2

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 and 5th Amendment order dated 28.05.2019 have also been incorporated.

iv) ACP values for computation of deviation rate vector has been taken from NLDC website

v) The Cap rate for all generators has been fixed at 303.04 paisa/kwh as per DSM 5th amendment'2019.

vi) 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 $f \geq 50.10\text{Hz}$.

vii) 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.

viii) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.

ix) As informed by ERLDC OPGC (2*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.

x) 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

xi) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.

xii) 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.

x) As informed by ERLDC one unit of NPGC(1x660 MW) has been scheduled w.e.f. 06.09.2019

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE(Block wise Volume limit) IN Rs.	Page 3 of 3
						ADDITIONAL DEVIATION CHARGE(Sign Change Violation) IN Rs.
12-01-20	BSPHCL	-80,177.884	-80,336.787	-12,13,925.35	-94,897.29	0.00
	JUVNL	-16,338.405	-16,449.243	-6,33,342.29	-32,399.65	0.00
	DVC	30,058.291	30,240.111	6,30,513.01	-7,356.49	-12,867.51
	GRIDCO	-3,265.569	-3,929.317	-15,99,402.61	-6,90,501.10	0.00
	SIKKIM	-1,633.662	-1,551.104	2,27,898.05	0.00	0.00
	WBSETCL	-16,597.630	-17,472.996	-22,51,565.13	-3,15,006.51	-2,758.35
	NER	-3,538.720	6,582.712	3,00,25,118.85	0.00	-1,73,388.60
	NR	-64,210.448	-64,891.985	-14,48,222.22	-57,53,588.57	-28,96,444.44
	SR	-12,295.868	-21,244.002	-2,80,22,427.73	-2,35,82,621.85	-2,27,366.14
	WR	-15,910.306	-9,644.046	1,76,19,680.41	-28,71,471.12	-2,58,359.30
	FSTPP-I & II	22,938.551	22,658.815	-6,15,044.03	0.00	0.00
	KHSTPP-I	15,901.486	16,007.266	3,11,754.85	0.00	0.00
	TSTPP	17,657.194	17,573.444	-1,19,277.15	-81,568.62	0.00
	RANGIT	470.500	492.829	44,944.80	0.00	0.00
	KHSTPP-II	27,106.253	27,164.316	2,09,492.64	0.00	0.00
	FSTPP-III	3,071.432	2,714.127	-9,08,826.94	-1,18,340.79	-5,308.01
	TEESTA	2,865.000	2,970.691	2,49,762.37	0.00	0.00
	MAITHON R/B	18,633.930	18,825.381	5,55,508.44	0.00	0.00
	BARH	12,666.069	12,391.309	-3,87,933.247	0.00	0.00
	NVVN-NEPAL	-5,930.925	-5,927.680	20,526.003	0.00	0.00
	APNRL	8,614.730	8,673.236	2,11,154.443	0.00	0.00
	GMRKEL	9,787.237	9,697.018	-1,79,884.007	0.00	0.00
	JITPL	13,398.876	13,253.745	-3,49,865.77	0.00	0.00
	TPTCL	651.256	488.502	-4,03,618.38	0.00	0.00
	BRBCL	14,449.721	14,624.800	4,65,168.000	0.00	-2,548.27
	TALCHER SOLAR	44.070	46.715	24,485.31	0.00	0.00
	JORETHANG HEP	432.911	419.040	10,105.27	0.00	0.00
	NPGC	13,388.281	13,414.069	1,44,287.32	0.00	0.00
	HVDC SASARAM	-22.934	-16.464	18,704.330	0.00	0.00
	VAE	1,688.270	0.000	-51,51,651.269	0.00	0.00
	NVVN	-8,061.505	-7,804.509	62,238.443	-1,78,908.24	0.00
	CHUZACHEN	274.861	285.158	30,028.663	0.00	0.00
	TUL	5,314.639	5,290.618	51,849.224	0.00	0.00
	DIKCHU	231.654	233.455	8,685.936	0.00	0.00
	THEP	339.013	-0.480	-7,91,141.901	-720.46	0.00
	HVDC ALIPURDUAR	-18.668	-9.392	27,648.520	0.00	0.00
	MTPS-II	6,789.270	6,767.788	-19,899.117	0.00	0.00
	NPGC_INFIRM	0.000	-55.778	-1,57,530.700	0.00	0.00
	DARLIPALI_INFIRM	0.000	-235.759	-6,82,807.414	0.00	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE(Block wise Volume Limit) (IN RS)	ADDITIONAL DEVIATION CHARGE(Sign Change Violation) (IN RS)
FOR THE WEEK 06-01-20 TO 12-01-20	BSPHCL	-5,39,744.19	-5,42,506.78	-1,83,34,906.02	-35,31,222.93	-70,822.94
	JUVNL	-1,16,467.74	-1,19,488.82	-1,18,63,455.52	-11,95,159.05	-69,143.39
	DVC	2,11,552.34	2,10,582.35	30,32,767.56	-3,53,949.55	-68,612.64
	GRIDCO	-23,148.07	-26,856.43	-1,12,81,775.42	-67,90,659.78	-1,827.22
	SIKKIM	-11,817.68	-12,922.64	-36,35,891.19	-2,16,170.39	-3,420.47
	WBSETCL	-1,70,987.58	-1,71,228.93	40,39,035.71	-7,95,410.71	-39,458.50
	NER	-11,432.77	-13,051.27	-85,09,338.00	0.00	0.00
	NR	-4,21,939.56	-4,13,896.79	1,78,22,055.00	0.00	0.00
	SR	-3,00,825.58	-3,08,550.65	-3,19,30,646.00	0.00	0.00
	WR	1,44,640.05	1,80,575.59	11,09,61,215.00	0.00	0.00
	FSTPP-I & II	1,62,501.87	1,62,516.79	-2,90,807.91	-1,30,147.36	-1,436.46
	KHSTPP-I	1,10,180.67	1,10,412.42	6,71,808.43	-7,607.27	0.00
	KHSTPP-II	1,43,186.25	1,42,655.24	-11,08,627.00	-49,123.72	0.00
	TSTPP	1,11,223.98	1,10,959.13	-1,98,588.42	-5,58,647.86	0.00
	FSTPP-III	63,086.98	62,750.01	-8,71,366.94	-5,06,298.61	-5,308.01
	TEESTA	19,299.00	20,319.71	26,11,697.12	-9,471.47	0.00
	MAITHON R/B	1,34,142.45	1,35,127.38	28,25,681.45	-15,810.15	0.00
	RANGIT	3,452.50	3,559.59	2,08,536.10	-3,873.75	0.00
	BARH	88,678.20	86,545.63	-33,32,944.76	-1,49,959.17	0.00
	NVVN-NEPAL	-40,637.87	-41,029.82	-16,35,951.00	-1,59,657.86	-1,685.19
	APNRL	60,504.62	60,933.45	15,42,315.22	-12,922.68	0.00
	GMRKEL	51,972.38	50,247.64	-37,21,357.40	-1,00,595.46	0.00
	JITPL	87,586.52	86,506.83	-23,87,680.01	-38,479.99	0.00
	TPTCL	4,558.79	3,529.63	-23,88,827.42	-38,918.85	0.00
	BRBCL	1,00,212.89	1,01,373.73	20,21,325.07	-50,551.69	-7,947.18
	TALCHER SOLAR	249.21	253.04	35,367.00	0.00	0.00
	JORETHANG HEP	2,816.56	2,681.86	-13,904.34	-193.95	0.00
	NPGC	93,736.70	93,698.58	4,86,584.20	-1,534.45	0.00
	HVDC SASARAM	-164.12	-123.75	1,11,841.00	-1,881.92	0.00
	VAE	2,011.40	0.000	-12,63,916.31	0.00	0.00
	NVVN-BD	-52,803.68	-52,196.51	-6,40,900.00	-12,83,172.48	0.00
	CHUZACHEN	1,981.54	2,054.33	1,60,239.53	-552.74	0.00
TUL	35,891.75	34,986.33	-10,73,881.62	-10,03,076.13	0.00	
DIKCHU	1,766.36	1,776.45	55,005.32	-1,377.45	0.00	
THEP	2,623.70	1,682.78	-21,43,284.58	-2,657.12	0.00	
HVDC ALIPURDUAR	-132.33	-97.41	1,06,157.00	-2,843.51	0.00	
MTPS-II	48,529.34	48,127.18	-8,46,624.21	-22,365.66	0.00	
NPGC_INFIRM	0.00	-383.41	-10,97,780.01	0.00	0.00	
DARLIPALI_INFIRM	0.00	-2,531.87	-74,54,822.43	0.00	0.00	

LEGEND: Energy:(+ve) means injection, (-ve) means drawal
Deviation Charge: (+ve) means receivable, (-ve) means payable

(+) means under drawal/ over injection
(-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date: 28/01/2020

RRAS Account for Week: 06-Jan-20 to 12-Jan-20

A. Payments to the RRAS Provider(s) from the DSM pool for UP Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Fixed Charges (Rs) (A)	Variable charges(Rs) (B)	Markup as per CERC Order(Rs) (C)	Total Charges (A+B+C)
1	FSTPP I & II	938.29200	783474	2393584	469146	3646204
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	541.88200	575479	1232783	270941	2079202
4	KHSTPP-II	813.69800	895881	1755959	406849	3058688
5	TSTPP-I	6.34000	6175	13010	3170	22355
6	BARH	282.13000	527584	710968	141065	1379616
7	BRBCL	3275.73200	8189331	7449017	1637866	17276214
8	MTPS-II	469.08500	1282479	1245421	234542	2762442
9	NPGC	22.50000	57825	45562	11250	114638
	Total	6349.65900	12318228	14846304	3174829	30339359

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

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Total Variable charges for generation reduced(Rs) (A)	Variable charges to be paid to the DSM pool (B=75% of A)
1	BRBCL	1938.86508	4408979	3306734
2	MTPS-II	147.30750	391101	293326
3	NPGC	636.32500	1288558	966419
4	FSTPP I & II	1028.64071	2624062	1968047
5	FSTPP-III	0.00000	0	0
6	KHSTPP-I	1154.34590	2626137	1969603
7	KHSTPP-II	153.92500	332170	249128
8	TSTPP-I	1217.59000	2498495	1873871
9	BARH	1527.58000	3849502	2887126
	Total	7804.57919	18019005	13514253

EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033

C.Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Fixed Charges to be refunded (Rs)	To Beneficiary Name
1	FSTPP I & II	938.29200	440561	BSPHCL
			64185	JUVNL
			23	GRIDCO
			59458	SIKKIM
			27758	ASSAM
			13846	DELHI
			23932	HARYANA
			281	RAJASTHAN
		153430	UP	
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	541.88200	148629	BSPHCL
			36860	JUVNL
			82351	SIKKIM
			2189	ASSAM
			12046	DELHI
			13304	HARYANA
			2122	HVDC_PUSAULI
			17141	RAJASTHAN
			260837	UP
4	KHSTPP-II	813.69800	10360	JUVNL
			12957	ASSAM
			19279	CHATTISGARH
			43029	DELHI
			6511	GUJARAT
			23669	HARYANA
			23800	HP
			2537	MP
			115149	PUNJAB
			4924	RAJASTHAN
			503196	UP
		130470	UTTARAKHAND	
5	TSTPP-I	6.34000	6175	JUVNL

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033**

6	BARH	282.13000	1506	HVDC_APD
			500555	BSPHCL
			21948	JUVNL
			3575	SIKKIM
7	BRBCL	3275.73200	47843	BSPHCL
			26880	BIHAR_RAILWAYS
			643120	DVC_RAILWAYS
			1354145	MAHARASHTRA RAILWAYS
			459142	MP RAILWAYS
			4327627	RAILWAYS
			355145	HARYANA
			364450	PUNJAB
8	MTPS-II	469.08500	610979	RAJASTHAN
			305333	BSPHCL
			976882	GRIDCO
			263	SIKKIM
9	NPGC	22.50000	1	WBSETCL
			57825	UP
	Total	6349.65900	12318228	

A) RRAS settlement account for the week 06-Jan-20 to 12-Jan-20 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 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. This is as per Clause 13.6 of the Detailed Procedure for Ancillary Services Operation approved by CERC.

F) RRAS Account in respect of MPL has not been prepared due to non availability data in required format.

FRAS Settlement Account by ERPC

Date: 28/01/2020

FRAS Account for Week: 06-Jan-20 to 12-Jan-20

Payments to the FRAS Provider(s) from the DSM pool

Sr.No	FRAS Provider Name	FRAS UP Eup(MWH)	FRAS DOWN Edown(MWH)	Mileage Em(MWH)	Incentive as per CERC Order(Rs)	Total Charges (Rs)
1	TEESTA-V	0.00	0.00	0.00	0	0
2	RANGIT	0.00	0.00	0.00	0	0

A) FRAS settlement account for the week 06-Jan-20 to 12-Jan-20 has been prepared based on the CERC order in petition No.07/SM/2018/Suo-Motu, dated 16.07.2018.

B) The incentive has been calculated at the rate of 10 Paisa/Kwh for mileage Energy.

AGC Settlement Account by ERPC

Date:28/01/2020

AGC Account for Week: 06-Jan-20 to 12-Jan-20

Payments to the AGC Provider(s) from the DSM pool

Sr.No	AGC Provider Name	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	160.663521	947.877596	-787.214075	-1983779	554271	-1429509

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 06-Jan-19 to 12-Jan-20 has been prepared based on the CERC order in petition No.79/RC/2017, dated 06.12.2017.

B) The markup rate has been calculated at the rate of 50 Paise/Kwh for Up & Down regulation.

C) 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.