



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
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NO: ERPC/COM-II/ABT-DC/ 7354-7388

Date: 22.10.2019

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 23.09.2019 to 29.09.2019.

दिनांक -23.09.2019 से 29.09.2019 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 04.10.2019.

दिनांक -04.10.2019 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,


(J. Bandyopadhyay)

सदस्यसचिव / 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 Seikh 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
ABT Based Deviation Charge Account
KOLKATA
For the period 23.09.19 TO 29.09.19
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	87.97447		124.23971	0.74351		37.00875
JUVNL	51.45412		9.08985	0.28307	42.08120	
DVC		112.61096	53.60323	0.57016		166.78435
GRIDCO						*Not Calculated
SIKKIM		5.52509	1.80460	0.02498		7.35467
WBSETCL	150.62510		12.55469	0.81762	137.25278	
HVDC SASARAM	0.02043		0.00740	0.00000	0.01303	
HVDC ALIPURDUAR	0.60056		0.05034	0.00000	0.55022	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		43.25564	4.90142	0.01011		48.16718
FSTPP-III	5.49488		2.02379	0.00000	3.47109	
KHSTPP-I	16.65369		0.28197	0.00000	16.37172	
KHSTPP-II		9.97488	0.32390	0.03122		10.33000
TSTPP		11.25653	0.28577	0.00000		11.54230
BARH	8.69655		3.37253	0.05408	5.26994	
MTPS-II		12.17611	0.30202	0.00000		12.47812
BRBCL		11.02060	7.06863	0.00000		18.08923
TEESTA	33.02046		0.07800	0.00000	32.94245	
RANGIT		0.09032	0.03332	0.00000		0.12364
MAITHON R/B	10.58747		0.69113	0.00000	9.89634	
NPGC	7.31909		1.19229	0.00000	6.12680	
OTHER GENERATORS						
APNRL		51.73378	0.87083	0.01382		52.61843
GMRKEL		6.24207	0.04849	0.00000		6.29056
JITPL	8.40800		0.22448	0.00000	8.18352	
CHUZACHEN	2.34980		1.20669	0.00000	1.14311	
DIKCHU	16.57849		0.03458	0.00000	16.54391	
JORETHANG HEP		14.00010	0.12727	0.00000		14.12737
THEP	12.42422		0.17814	0.00000	12.24608	
TUL	9.55216		0.30238	0.00000	9.24978	
INTER- REGIONAL						
NER		1774.38634				1774.38634
NR		2360.38225				2360.38225
SR		3198.66031				3198.66031
WR	7420.84167				7420.84167	
INTER- NATIONAL						
NVVN-BD	0.68329		1.57110	0.00900		0.89681
NVVN-NEPAL	25.80252		4.16817	0.01513	21.61922	
TPTCL		48.62024	1.44109			50.06133
INFIRM GENERATORS						
OPGC_INFIRM						*Not Calculated
NPGC_INFIRM		12.05228				12.05228
DARLIPALI_INFIRM		46.88686				46.88686
SOLAR GENERATORS						
TALCHER SOLAR		1.05027				1.05027
TOTAL	7869.08697	7719.92464	232.07778	2.57271	7743.80288	7829.29104

(All figures in Rs. Lakhs)

Payable to the pool(A):		7719.92464
Receivable from the pool(B):		7869.08697
Differential Amount Arising from capping of Generating Stations(A-B)		-149.16234
Additional Deviation Amount:		234.65049

* DSM Accounting of GRIDCO & OPGC has been suspended due to ongoing issue of closing of bus sectionalizer breakers by OPGC Ltd. between U#3 & U#4 on 27.08.2019. ERLDC has raised objections and subsequently filed a petition before CERC on the issue. Hence, pending the decision of the competent authority, DSM accounting of GRIDCO & OPGC has been suspended.

**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 765kVD/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.
29/09/19	BSPHCL	-60,235.050	-43,379.480	26,54,194.69	-95,07,271.75	-4,847.63
	JUVNL	-12,153.023	-10,769.724	5,93,701.00	-6,02,229.40	-592.81
	DVC	8,398.348	6,844.677	-24,62,386.78	-14,16,206.60	0.00
	SIKKIM	-1,065.721	-1,304.587	-3,10,996.72	-67,039.02	0.00
	WBSETCL	-47,174.543	-47,758.054	17,25,262.09	-1,47,248.51	-2,343.87
	NER	6,954.923	-8,058.975	-1,88,43,830.13	-1,68,41,710.63	-95,393.28
	NR	-50,810.782	-70,724.591	-2,18,48,106.17	-1,61,52,237.44	-6,55,44,318.50
	SR	-19,768.335	-46,227.936	-3,15,62,393.92	-2,72,94,578.61	-1,85,497.04
	WR	6,101.237	60,246.754	6,42,08,617.71	-2,20,43,268.58	-3,56,687.21
	FSPPP-I & II	15,136.583	14,484.555	-8,66,876.41	-2,20,277.32	0.00
	KHSTPP-I	9,304.635	9,351.590	1,09,544.17	-23,559.45	0.00
	TSPPP	7,299.470	7,108.401	-1,00,750.40	-6,111.38	0.00
	RANGIT	1,446.000	1,431.396	-19,159.84	-1,660.66	0.00
	KHSTPP-II	18,956.140	18,860.155	-27,309.39	-30,389.38	0.00
	FSPPP-III	6,391.929	6,157.809	-3,32,722.15	-1,06,405.14	0.00
	TEESTA	12,156.000	12,353.491	3,62,675.99	-7,599.10	0.00
	MAITHON R/B	11,224.543	11,344.327	1,61,175.16	-48,520.23	0.00
	BARH	14,880.493	15,084.436	2,88,990.242	-98,247.88	0.00
	NVNV-NEPAL	-4,065.506	-3,282.816	7,45,238.285	-3,05,988.01	-470.76
	APNRL	5,229.187	4,494.109	-5,48,584.610	0.00	-1,381.78
	GMRKEL	0.000	-66.327	-66,529.278	-1,322.35	0.00
	JITPL	8,445.000	8,493.745	1,29,977.82	-10,047.31	0.00
	TPCL	2,943.833	2,854.432	-95,052.66	-5.95	0.00
	BRCL	9,493.024	9,619.273	1,31,827.921	-48,033.68	0.00
	TALCHER SOLAR	26.243	24.048	-21,747.26	0.00	0.00
	JORETHANG HEP	2,503.148	2,393.632	-1,10,055.29	-3,668.16	0.00
	NPGC	9,443.223	9,509.255	1,51,495.84	-34,912.86	0.00
	HVDC SASARAM	-14.908	-19.060	-6,297.987	-579.42	0.00
	VAE	5.242	0.000	3,49,950.222	0.00	0.00
	NVNV	-20,630.224	-20,675.127	-86,289.873	-12,888.96	0.00
	CHUZACHEN	2,675.747	2,772.970	1,07,241.819	-21,430.01	0.00
	TUL	22,482.524	22,914.327	13,83,664.330	0.00	0.00
	DIKCHU	2,492.971	2,579.455	1,50,190.996	-3,149.87	0.00
	THEP	2,529.540	2,624.736	1,14,712.143	-9,203.06	0.00
	HVDC ALIPURDUAR	-28.817	-23.290	4,717.084	-3,714.69	0.00
	MTPS-II	4,964.053	4,853.516	-1,31,006.359	-2,902.99	0.00
	NPGC_INFIRM	0.000	-158.638	-1,86,431.895	0.00	0.00
	DARLIPALI_INFIRM	0.000	-480.003	-6,15,996.893	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 23/09/19 TO 29/09/19	BSPHCL	-5,46,633.27	-5,13,622.24	87,97,447.10	-1,24,23,970.54	-74,351.23
	JUVNL	-1,15,282.38	-1,10,327.70	51,45,411.84	-9,08,984.90	-28,307.17
	DVC	1,14,250.06	1,08,340.10	-1,12,61,096.38	-59,603,222.52	-57,015.98
	SIKKIM	-9,008.27	-9,211.21	-5,52,508.87	-1,80,460.03	-2,498.13
	WBSETCL	-3,67,436.10	-3,59,885.18	1,50,62,509.65	-12,55,469.11	-81,762.40
	NER	43,513.58	-52,429.92	-17,74,38,634.00	0.00	0.00
	NR	-4,81,429.29	-6,01,315.16	-23,60,38,225.00	0.00	0.00
	SR	-37,758.56	-2,15,234.13	-31,99,66,031.00	0.00	0.00
	WR	-56,400.29	3,39,090.23	74,20,84,167.00	0.00	0.00
	FSPPP-I & II	1,78,064.05	1,75,791.89	-43,25,564.16	-4,90,142.43	-1,011.23
	KHSTPP-I	87,700.32	88,365.93	16,65,368.70	-28,196.99	0.00
	KHSTPP-II	1,59,238.85	1,58,197.49	-9,97,488.28	-32,390.29	-3,121.74
	TSPPP	61,677.82	60,722.92	-11,25,653.10	-28,576.74	0.00
	FSPPP-III	61,826.85	62,172.90	5,49,487.66	-2,02,378.85	0.00
	TEESTA	71,928.00	73,444.65	33,02,045.56	-7,800.49	0.00
	MAITHON R/B	1,17,064.93	1,17,402.40	10,58,747.40	-69,113.09	0.00
	RANGIT	9,789.00	9,763.91	-9,031.77	-3,332.48	0.00
	BARH	1,54,971.05	1,54,221.71	8,69,655.29	-3,37,252.54	-5,408.34
	NVNV-NEPAL	-28,458.54	-26,437.63	25,80,252.00	-4,16,816.52	-1,513.01
	APNRL	46,723.01	42,756.22	-51,73,378.07	-87,082.66	-1,381.78
	GMRKEL	0.00	-392.44	-6,24,207.38	-4,848.63	0.00
	JITPL	72,554.50	72,882.18	8,40,799.85	-22,448.16	0.00
	TPCL	20,606.83	17,999.88	-48,62,023.80	-1,44,108.81	0.00
	BRCL	71,459.24	71,147.20	-11,02,060.00	-7,06,862.70	0.00
	TALCHER SOLAR	196.29	186.25	-1,05,027.00	0.00	0.00
	JORETHANG HEP	17,441.74	16,556.42	-14,00,010.50	-12,726.76	0.00
	NPGC	80,672.53	81,127.04	7,31,909.33	-1,19,229.04	0.00
	HVDC SASARAM	-132.98	-133.69	-2,043.00	-739.77	0.00
	VAE	-10,187.89	0.00	1,69,90,350.35	0.00	0.00
	NVNV-BD	-1,45,589.57	-1,43,931.27	68,329.00	-1,57,109.95	-899.95
	CHUZACHEN	19,227.01	19,311.96	2,34,980.31	-1,20,669.02	0.00
	TUL	1,94,646.10	1,92,397.38	9,55,216.17	-30,237.74	0.00
	DIKCHU	17,450.79	18,282.64	16,57,849.47	-3,458.00	0.00
	THEP	17,706.78	18,456.61	12,42,421.52	-17,813.95	0.00
	HVDC ALIPURDUAR	-159.42	-166.94	60,056.00	-5,033.94	0.00
	MTPS-II	38,325.67	37,569.20	-12,17,610.56	-30,201.63	0.00
	NPGC_INFIRM	0.00	-708.60	-12,05,228.32	0.00	0.00
	DARLIPALI_INFIRM	0.00	-2,603.78	-46,88,685.66	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: 22/10/2019

RRAS Account for Week: 23-Sep-19 to 29-Sep-19

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	1795.46000	1499208	4190604	897731	6587544
2	FSTPP-III	191.80200	289239	439420	95902	824559
3	KHSTPP-I	974.69800	1035130	2157006	487350	3679484
4	KHSTPP-II	2079.52500	2289555	4364921	1039761	7694242
5	TSTPP-I	144.81200	141048	315981	72407	529434
6	BARH	2063.53800	3858814	5086619	1031769	9977204
7	BRBCL	1606.67000	3847974	3582872	803335	8234184
8	MTPS-II	1335.31000	3650737	3678780	667654	7997172
9	NPGC	358.50000	1083746	826701	179250	2089697
	Total	10550.31500	17695451	24642904	5275159	47613520

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	1641.41366	3660352	2745264
2	MTPS-II	10.23750	28204	21153
3	NPGC	136.48750	314740	236055
4	FSTPP I & II	0.00000	0	0
5	FSTPP-III	18.50000	42384	31788
6	KHSTPP-I	34.43750	76210	57158
7	KHSTPP-II	0.00000	0	0
8	TSTPP-I	107.37000	234281	175711
9	BARH	171.40250	422507	316880
	Total	2119.84866	4778679	3584009

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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	1795.46000	580237	BSPHCL
			20798	JUVNL
			66445	GRIDCO
			29309	SIKKIM
			563489	WBSETCL
			7238	TS_TRANSCO
			39921	WB SOLAR
			84089	ASSAM
			21420	DELHI
			5423	HARYANA
			9357	RAJASTHAN
71482	UP			
2	FSTPP-III	191.80200	1	BSPHCL
			103975	JUVNL
			11783	GRIDCO
			160858	WBSETCL
			4838	TS_TRANSCO
			7178	WB SOLAR
3	KHSTPP-I	974.69800	198850	BSPHCL
			319	JUVNL
			2627	GRIDCO
			27757	SIKKIM
			92703	WBSETCL
			5361	TS_TRANSCO
			14002	WB SOLAR
			48127	ASSAM
			91328	DELHI
			74892	HARYANA
			1028	HVDC_PUSAULI
15983	J & K			
53498	RAJASTHAN			
408655	UP			
4	KHSTPP-II	2079.52500	55893	BSPHCL
			483	JUVNL
			6917	SIKKIM
			5698	TS_TRANSCO
			25592	WB SOLAR
			131811	ASSAM
			57190	CHATTISGARH
			153366	DELHI
			102326	GUJARAT
			113978	HARYANA
			96272	HP
			59525	J & K
			66653	MAHARASHTRA
			171711	MP
254726	PUNJAB			
100132	RAJASTHAN			
775033	UP			
112249	UTTARAKHAND			
5	TSTPP-I	144.81200	99594	BSPHCL
			10673	SIKKIM
			27988	WBSETCL
			2793	WB SOLAR
6	BARH	2063.53800	23550	HVDC_APD
			3718730	BSPHCL
			28998	JUVNL
			72621	SIKKIM
14915	TS_TRANSCO			

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7	BRBCL	1606.67000	264669	BSPHCL
			983305	BIHAR_RAILWAYS
			42036	MAHARASHTRA RAILWAYS
			16501	MP RAILWAYS
			1164814	RAILWAYS
			33847	HARYANA
			966225	PUNJAB
			276064	RAJASTHAN
			100513	UP
8	MTPS-II	1335.31000	1867641	BSPHCL
			854359	GRIDCO
			1437	SIKKIM
			914825	WBSETCL
9	NPGC	358.50000	1078202	BSPHCL
			5544	SIKKIM
Total		10550.31500	17695451	

A) RRAS settlement account for the week 23-Sep-19 to 29-Sep-19 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: 22/10/2019

FRAS Account for Week: 23-Sep-19 to 29-Sep-19

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 23-Sep-19 to 29-Sep-19 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 Paise/Kwh for mileage Energy.

AGC Settlement Account by ERPC

Date:22/10/2019

AGC Account for Week: 23-Sep-19 to 29-Sep-19

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	425.081250	1416.009375	-990.928125	-2442638	920545	-1522093

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 23-Sep-19 to 29-Sep-19 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.