



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/ 7902-7936

Date: 05.11.2019

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 07.10.2019 to 13.10.2019.

दिनांक -07.10.2019 से 13.10.2019 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 23.10.2019.

दिनांक -23.10.2019 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.

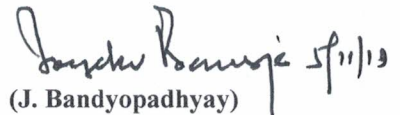
आरआरएएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता@ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

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 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, 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 07.10.19 TO 13.10.19
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	98.28981		28.31323	0.47161	69.50498	
JUVNL	6.86740		7.21685	0.30589		0.65534
DVC		334.94407	159.58266	1.97346		496.50019
GRIDCO						*Not Calculated
SIKKIM	15.69465		0.48021	0.00000	15.21444	
WBSETCL		55.27090	12.02302	0.88900		68.18293
HVDC SASARAM	0.53301		0.00884	0.00000	0.52417	
HVDC ALIPURDUAR	0.89908		0.01774	0.00000	0.88134	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II	14.97149		1.70339	0.00000	13.26810	
FSTPP-III		4.17513	2.21123	0.06211		6.44847
KHSTPP-I	12.95248		1.08629	0.00395	11.86224	
KHSTPP-II		35.14747	0.00000	0.04927		35.19674
TSTPP		0.41683	0.90135	0.00000		1.31818
BARH	39.38998		1.14257	0.12526	38.12216	
MTPS-II		15.88422	0.39055	0.00000		16.27477
BRBCL	1.35301		0.77491	0.02617	0.55193	
TEESTA	50.18002		0.04470	0.00000	50.13532	
RANGIT	1.50759		0.03459	0.00000	1.47301	
MAITHON R/B	5.44463		0.15252	0.00000	5.29211	
NPGC		8.25057	0.55640	0.00000		8.80697
OTHER GENERATORS						
APNRL		17.83963	0.04087	0.01811		17.89862
GMRKEL		0.48331	0.00000	0.00000		0.48331
JITPL	4.90082		0.02684	0.00000	4.87398	
CHUZACHEN		3.18285	0.43222	0.00000		3.61507
DIKCHU		12.34283	0.25485	0.01777		12.61545
JORETHANG HEP		14.96872	0.10486	0.00000		15.07357
THEP	3.16671		0.08934	0.00000	3.07738	
TUL	6.70380		0.03328	0.00000	6.67052	
INTER- REGIONAL						
NER		2447.77998				2447.77998
NR		712.60376				712.60376
SR		679.79646				679.79646
WR	4430.70917				4430.70917	
INTER- NATIONAL						
NVVN-BD	2.72538		1.86667	0.00000	0.85871	
NVVN-NEPAL	0.88482		1.31418	0.00000		0.42936
TPTCL		43.62991	0.26069			43.89061
INFIRM GENERATORS						
OPGC_INFIRM						*Not Calculated
NPGC_INFIRM		8.70902				8.70902
DARLIPALI_INFIRM		23.32412				23.32412
SOLAR GENERATORS						
TALCHER SOLAR		0.22202				0.22202
TOTAL	4697.17386	4418.97180	221.06483	3.94260	4653.01955	4599.82491

(All figures in Rs. Lakhs)

Payable to the pool(A):		4418.97180
Receivable from the pool(B):		4697.17386
Differential Amount Arising from capping of Generating Stations(A-B)		-278.20206
Additional Deviation Amount:		225.00743

* 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.
13/10/19	BSPHCL	-90,259.229	-88,556.056	18,13,327.40	-65,794.45	0.00
	JUVNL	-15,991.595	-15,518.849	11,64,496.87	-43,557.07	-8,293.73
	DVC	13,425.489	11,156.534	-52,891.91.39	-19,52,110.65	-22,404.50
	SIKKIM	-1,082.559	-1,097.792	-23,074.94	0.00	0.00
	WBSETCL	-39,877.980	-42,100.314	-44,01,307.45	-77,662.38	-13,434.07
	NER	-3,212.888	-20,612.670	-3,74,64,274.39	-3,38,42,866.12	-1,65,876.83
	NR	-61,887.085	-60,360.372	38,65,752.39	-21,60,443.72	-1,00,50,956.20
	SR	-22,925.352	-36,167.418	-3,10,54,535.74	-2,70,97,008.22	-1,44,839.74
	WR	9,349.126	45,457.044	7,83,47,700.46	0.00	-3,39,574.68
	FSPPP-I & II	16,555.700	16,643.621	1,15,952.70	-62,759.36	0.00
	KHSTPP-I	15,180.468	15,260.378	2,54,912.19	0.00	0.00
	TSPPP	15,941.548	15,946.049	85,489.78	0.00	0.00
	RANGIT	1,446.000	1,457.468	25,236.24	0.00	0.00
	KHSTPP-II	31,469.087	31,053.983	-6,28,636.10	0.00	-604.98
	FSPPP-III	8,897.877	8,770.342	-2,29,367.94	0.00	0.00
	TEESTA	10,836.000	11,185.927	7,66,190.00	0.00	0.00
	MAITHON R/B	18,371.703	18,306.872	-79,148.07	0.00	0.00
	BARH	23,332.585	23,253.709	69,758.162	0.00	0.00
	NVVN-NEPAL	0.000	-61.920	-1,14,198.362	0.00	0.00
	APNRL	8,865.900	8,794.618	-98,951.407	0.00	0.00
	GMRKEL	3,600.000	3,645.091	87,386.001	0.00	0.00
	JITPL	11,040.000	11,073.745	1,05,630.26	0.00	0.00
	TPCL	2,170.418	1,745.998	-8,23,791.03	0.00	0.00
	BRCL	9,054.498	9,344.654	4,61,039.422	0.00	-2,617.08
	TALCHER SOLAR	33.855	29.198	-44,296.70	0.00	0.00
	JORETHANG HEP	2,116.115	1,992.832	-1,98,785.02	0.00	0.00
	NPGC	12,015.645	12,056.003	1,12,847.74	0.00	0.00
	HVDC SASARAM	-23.011	-18.838	9,013.884	0.00	0.00
	VAE	82.710	0.000	-19,72,691.469	0.00	0.00
	NVVN	-22,066.619	-22,056.800	13,172.610	0.00	0.00
	CHUZACHEN	1,868.669	1,809.139	-77,969.012	0.00	0.00
	TUL	17,883.673	17,546.327	-2,64,990.120	-3,328.17	0.00
	DIKCHU	2,040.085	1,679.909	-7,16,574.859	-8,829.06	0.00
	THEP	2,182.149	2,053.216	-2,02,435.318	0.00	0.00
	HVDC ALPURDUAR	-27.618	-21.528	12,545.711	0.00	0.00
	MTPS-II	5,993.314	5,830.924	-2,89,510.478	0.00	0.00
	NPGC_INFIRM	0.000	-60.149	-1,30,598.706	0.00	0.00
	DARLIPALI_INFIRM	0.000	-152.722	-3,32,962.621	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 07-10-19 TO 13/10/19	BSPHCL	-6,24,523.61	-6,09,136.68	98,28,981.40	-28,31,322.65	-47,160.75
	JUVNL	-1,02,845.13	-99,946.06	6,86,739.71	-7,21,685.45	-30,588.97
	DVC	74,499.73	56,323.06	-3,34,94,407.04	-1,59,58,266.04	-1,97,345.65
	SIKKIM	-8,401.64	-7,434.19	15,69,465.29	0.00	0.00
	WBSETCL	-2,63,685.31	-2,67,121.36	-55,27,089.51	-12,02,302.36	-88,900.31
	NER	18,935.70	-1,00,362.22	-24,47,77,998.00	0.00	0.00
	NR	-4,25,119.64	-4,65,172.13	-7,12,60,376.00	0.00	0.00
	SR	-2,67,255.60	-2,85,711.73	-6,79,79,646.00	0.00	0.00
	WR	76,758.00	2,80,258.14	44,30,70,917.00	0.00	0.00
	FSPPP-I & II	1,40,842.24	1,41,837.48	14,97,149.22	-1,70,338.74	0.00
	KHSTPP-I	1,05,677.65	1,06,200.64	12,95,247.63	-1,08,628.79	-395.18
	KHSTPP-II	2,14,612.09	2,12,366.37	-35,14,747.23	0.00	-4,926.62
	TSPPP	1,09,374.35	1,08,873.57	-41,682.83	-90,134.88	0.00
	FSPPP-III	55,989.87	56,071.03	-4,17,513.46	-2,21,122.75	-6,210.79
	TEESTA	83,100.00	85,290.47	50,18,001.95	-4,469.89	0.00
	MAITHON R/B	1,22,614.79	1,22,751.78	5,44,463.20	-15,252.45	0.00
	RANGIT	10,082.00	10,154.43	1,50,759.48	-3,458.61	0.00
	BARH	1,39,803.37	1,40,536.38	39,38,998.31	-1,14,256.70	-12,525.80
	NVVN-NEPAL	0.00	-226.03	88,482.00	-1,31,418.06	0.00
	APNRL	51,847.92	50,349.67	-17,83,963.40	-4,086.84	-1,811.35
	GMRKEL	15,043.50	14,924.65	-48,330.82	0.00	0.00
	JITPL	78,868.93	79,009.60	4,90,081.76	-2,684.09	0.00
	TPCL	16,677.88	14,523.32	-43,62,991.11	-26,069.41	0.00
	BRCL	70,427.65	70,703.27	1,35,300.86	-77,490.91	-2,617.08
	TALCHER SOLAR	261.47	260.16	-22,202.00	0.00	0.00
	JORETHANG HEP	17,053.11	16,231.90	-14,96,871.71	-10,485.67	0.00
	NPGC	83,981.59	83,423.78	-8,25,057.16	-55,639.58	0.00
	HVDC SASARAM	-161.06	-135.38	53,301.00	-884.34	0.00
	VAE	3,255.52	0.00	-71,83,464.44	0.00	0.00
	NVVN-BD	-1,46,266.49	-1,45,708.65	2,72,538.00	-1,86,666.58	0.00
	CHUZACHEN	14,464.74	14,302.49	-3,18,284.65	-43,222.07	0.00
	TUL	1,52,368.82	1,51,109.16	6,70,380.50	-3,328.17	0.00
	DIKCHU	15,524.04	14,897.64	-12,34,282.79	-25,484.62	-1,777.37
	THEP	17,353.47	17,516.13	3,16,671.24	-8,933.69	0.00
	HVDC ALPURDUAR	-200.04	-154.32	89,908.00	-1,773.53	0.00
	MTPS-II	38,904.27	38,032.77	-15,88,421.92	-39,054.67	0.00
	NPGC_INFIRM	0.00	-426.33	-8,70,901.87	0.00	0.00
	DARLIPALI_INFIRM	0.00	-1,149.03	-23,32,411.81	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: 05/11/2019

RRAS Account for Week: 07-Oct-19 to 13-Oct-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	1001.92500	836608	2338492	500962	3676061
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	970.52800	1030700	2147778	485265	3663740
4	KHSTPP-II	784.57000	863812	1646813	392284	2902908
5	TSTPP-I	155.00000	150969	338211	77500	566680
6	BARH	327.84300	613066	808132	163921	1585118
7	BRBCL	528.17000	1264968	1177819	264086	2706873
8	MTPS-II	554.82800	1516898	1528550	277414	3322862
9	NPGC	7.50000	22672	17296	3749	43718
	Total	4330.36400	6299693	10003091	2165181	18467960

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	1553.41967	3464126	2598094
2	MTPS-II	139.25000	383634	287725
3	NPGC	1527.35915	3522090	2641568
4	FSTPP I & II	0.00000	0	0
5	FSTPP-III	0.00000	0	0
6	KHSTPP-I	876.07028	1938744	1454058
7	KHSTPP-II	610.17520	1280758	960568
8	TSTPP-I	188.36104	411004	308253
9	BARH	456.68750	1125735	844301
	Total	5351.32285	12126090	9094567

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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	1001.92500	84830	BSPHCL
			25129	JUVNL
			272777	GRIDCO
			7673	SIKKIM
			390941	WBSETCL
			12182	WB SOLAR
			14338	ASSAM
			3122	DELHI
			4382	HARYANA
			2970	RAJASTHAN
			18264	UP
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	970.52800	27488	BSPHCL
			2153	JUVNL
			702534	GRIDCO
			35365	SIKKIM
			5045	WBSETCL
			764	WB SOLAR
			2523	ASSAM
			47024	DELHI
			26693	HARYANA
			1315	HVDC_PUSAULI
			54193	RAJASTHAN
			125603	UP
4	KHSTPP-II	784.57000	2500	BSPHCL
			3040	JUVNL
			87847	GRIDCO
			5285	SIKKIM
			729	WB SOLAR
			38306	ASSAM
			10357	CHATTISGARH
			83695	DELHI
			44686	HARYANA
			19514	HP
			5273	MAHARASHTRA
			101043	MP
			74985	PUNJAB
123393	RAJASTHAN			
251188	UP			
			11971	UTTARAKHAND
5	TSTPP-I	155.00000	2373	JUVNL
			139138	GRIDCO
			9089	SIKKIM
			369	ASSAM
6	BARH	327.84300	7285	HVDC_APD
			452840	BSPHCL
			91406	JUVNL
			61434	SIKKIM
			101	TS_TRANSCO

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7	BRBCL	528.17000	5287	BSPHCL
			352101	BIHAR_RAILWAYS
			4210	DVC_RAILWAYS
			87408	MAHARASHTRA RAILWAYS
			21317	MP RAILWAYS
			420351	RAILWAYS
			7902	HARYANA RAILWAYS
			284972	PUNJAB RAILWAYS
			81420	RAJASTHAN RAILWAYS
8	MTPS-II	554.82800	650626	BSPHCL
			590241	GRIDCO
			2024	SIKKIM
			271001	WBSETCL
			3006	TS_TRANSCO
9	NPGC	7.50000	21472	BSPHCL
			1029	JUVNL
			171	SIKKIM
	Total	4330.36400	6299693	

A) RRAS settlement account for the week 07-Oct-19 to 13-Oct-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: 05/11/2019

FRAS Account for Week: 07-Oct-19 to 13-Oct-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 07-Oct-19 to 13-Oct-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 Paisa/Kwh for mileage Energy.

AGC Settlement Account by ERPC

Date:05/11/2019

AGC Account for Week: 07-Oct-19 to 13-Oct-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	64.715625	1556.343750	-1491.628125	-3676863	810530	-2866334

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 07-Oct-19 to 13-Oct-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.