



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/ 7148-7182

Date: 16.10.2019

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 16.09.2019 to 22.09.2019.

दिनांक -16.09.2019 से 22.09.2019 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 एसिलरी 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 30.09.2019.

दिनांक -30.09.2019 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,


For 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, 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 16.09.19 TO 22.09.19
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	34.26151		45.16426	0.29809		11.20084
JUVNL		154.01392	35.69014	0.44105		190.14511
DVC		137.23923	29.67005	0.23034		167.13962
GRIDCO						*Not Calculated
SIKKIM		9.98891	1.16035	0.00000		11.14926
WBSETCL		118.43594	18.53410	1.13889		138.10893
HVDC SASARAM	0.66073		0.00469	0.00000	0.65604	
HVDC ALIPURDUAR	0.66459		0.01099	0.00000	0.65360	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		166.24055	5.83681	0.12906		172.20642
FSTPP-III		32.31558	4.29720	0.00000		36.61278
KHSTPP-I	22.09621		0.02513	0.00000	22.07107	
KHSTPP-II		53.73218	0.67413	0.01694		54.42325
TSTPP		4.43512	0.83607	0.00000		5.27120
BARH		47.39848	0.70345	0.14266		48.24459
MTPS-II		30.53832	1.32285	0.00000		31.86117
BRBCL		7.38659	0.31422	0.00000		7.70081
TEESTA	45.69367		0.21268	0.00000	45.48099	
RANGIT	1.49428		1.00525	0.00000	0.48903	
MAITHON R/B	13.25890		0.18826	0.00000	13.07065	
NPGC	20.45087		0.00856	0.00000	20.44231	
OTHER GENERATORS						
APNRL		45.78810	0.00000	0.00000		45.78810
GMRKEL		14.52047	2.54664	0.00000		17.06711
JITPL	12.83448		0.11460	0.00000	12.71987	
CHUZACHEN	6.69849		0.60036	0.00000	6.09813	
DIKCHU	25.06846		0.00000	0.00000	25.06846	
JORETHANG HEP		30.67716	2.72269	0.00000		33.39984
THEP	6.22335		3.86916	0.08004	2.27415	
TUL	51.89274		0.00000	0.00000	51.89274	
INTER- REGIONAL						
NER		2770.79831				2770.79831
NR		1934.33205				1934.33205
SR		2331.79211				2331.79211
WR	8169.39078				8169.39078	
INTER- NATIONAL						
NVVN-BD		37.31914	13.07958	0.08366		50.48238
NVVN-NEPAL		1.53941	5.08255	0.03143		6.65339
TPTCL		88.29393	1.81222			90.10614
INFIRM GENERATORS						
OPGC_INFIRM						*Not Calculated
NPGC_INFIRM		23.64446				23.64446
DARLIPALI_INFIRM		22.69350				22.69350
SOLAR GENERATORS						
TALCHER SOLAR	0.67124				0.67124	
TOTAL	8411.36029	8063.12346	175.48698	2.59217	8370.97906	8200.82137

(All figures in Rs. Lakhs)

Payable to the pool(A):		8063.12346
Receivable from the pool(B):		8411.36029
Differential Amount Arising from capping of Generating Stations(A-B)		-348.23684
Additional Deviation Amount:		178.07914

* 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 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.
22/09/19	BSPHCL	-91,217.556	-90,075.472	-11,28,688.82	-3,45,637.85	-2,004.38
	JUVNL	-20,223.748	-21,224.693	-29,91,168.16	-2,67,782.42	-6,971.97
	DVC	18,816.755	17,593.017	-26,66,201.32	-7,54,510.80	-15,538.80
	SIKKIM	-1,059.006	-1,114.869	-1,21,261.72	0.00	0.00
	WBSETCL	-55,289.064	-55,505.770	-2,16,869.35	-2,25,325.78	-12,519.00
	NER	925.540	-13,090.038	-3,01,61,171.14	-2,66,29,578.40	-2,76,884.50
	NR	-70,343.893	-81,085.051	-1,70,65,734.36	-1,00,94,977.57	-4,09,57,762.47
	SR	40.850	-20,897.002	-43,15,479.38	-3,86,45,439.78	-4,49,627.13
	WR	-14,545.694	34,871.592	9,89,60,315.92	0.00	-10,25,231.21
	FSPPP-I & II	27,901.668	27,764.713	-79,861.53	0.00	0.00
	KHSTPP-I	14,767.398	14,900.857	3,27,375.73	-416.67	0.00
	TSPPP	16,249.412	16,099.413	-69,080.56	0.00	0.00
	RANGIT	1,424.000	1,387.140	-49,818.34	0.00	0.00
	KHSTPP-II	28,108.912	27,712.461	-6,75,497.94	0.00	0.00
	FSPPP-III	9,187.500	9,232.377	40,362.07	0.00	0.00
	TEESTA	12,156.000	12,433.273	5,94,625.89	0.00	0.00
	MAITHON R/B	17,291.540	17,390.727	2,34,208.71	0.00	0.00
	BARH	23,760.173	23,454.000	-52,192.529	0.00	-4,598.70
	NVVN-NEPAL	-4,063.865	-3,981.952	37,735.156	0.00	0.00
	APNRL	8,562.045	8,057.673	-6,45,028.567	0.00	0.00
	GMRKEL	0.000	-83.564	-1,44,943.034	0.00	0.00
	JITPL	10,560.000	10,623.345	1,32,880.37	0.00	0.00
	TPCL	2,944.424	2,175.641	-13,32,447.88	0.00	0.00
	BRCL	8,938.051	8,863.854	-1,17,538.404	-1,807.09	0.00
	TALCHER SOLAR	43.350	45.263	16,782.92	0.00	0.00
	JORETHANG HEP	2,503.189	2,342.272	-2,67,409.41	-9,188.91	0.00
	NPGC	11,417.594	11,628.795	4,28,492.70	0.00	0.00
	HVDC SASARAM	-24.422	-19.424	10,241.692	0.00	0.00
	VAE	-1,078.303	0.000	15,32,653.733	0.00	0.00
	NVVN	-22,331.148	-22,314.327	-57,085.350	0.00	0.00
	CHUZACHEN	2,480.793	2,595.350	1,93,881.593	0.00	0.00
	TUL	29,354.469	30,053.745	18,99,458.144	0.00	0.00
	DIKCHU	2,493.980	2,624.182	2,76,108.379	0.00	0.00
	THEP	2,529.592	2,633.792	2,02,706.241	0.00	0.00
	HVDC ALIPURDUAR	-27.800	-24.141	7,434.802	0.00	0.00
	MTPS-II	5,816.760	5,607.476	-3,63,039.626	0.00	0.00
	NPGC_INFIRM	0.000	-98.431	-2,05,403.532	0.00	0.00
	DARLIPALI_INFIRM	0.000	-318.518	-6,74,442.345	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 16/09/19 TO 22/09/19	BSPHCL	-6,64,329.44	-6,56,230.85	34,26,150.74	-45,16,425.89	-29,809.47
	JUVNL	-1,24,003.96	-1,28,295.71	-1,54,01,392.43	-35,69,013.98	-44,104.56
	DVC	1,47,212.86	1,42,308.98	-1,37,23,922.62	-29,67,005.32	-23,033.58
	SIKKIM	-8,588.85	-8,883.47	-9,98,891.16	-1,16,035.00	0.00
	WBSETCL	-4,70,035.71	-4,76,677.99	-1,18,43,594.31	-18,53,409.53	-1,13,889.16
	NER	22,532.86	-73,755.47	-27,70,79,831.00	0.00	0.00
	NR	-5,50,881.37	-6,27,630.86	-19,34,33,205.00	0.00	0.00
	SR	8,954.52	-74,174.43	-23,31,79,211.00	0.00	0.00
	WR	-45,823.80	2,51,426.91	81,69,39,078.00	0.00	0.00
	FSPPP-I & II	2,13,609.19	2,06,428.15	-1,66,24,055.09	-5,83,680.52	-12,906.36
	KHSTPP-I	1,20,883.98	1,21,648.01	22,09,620.66	-2,513.39	0.00
	KHSTPP-II	2,29,583.70	2,27,061.01	-53,73,218.48	-67,412.74	-1,694.11
	TSPPP	71,444.12	71,016.25	-4,43,512.28	-83,607.27	0.00
	FSPPP-III	75,063.60	73,623.19	-32,31,557.55	-4,29,720.32	0.00
	TEESTA	84,911.60	86,785.89	45,69,366.87	-21,267.95	0.00
	MAITHON R/B	1,34,846.43	1,35,219.45	13,25,890.32	-18,825.71	0.00
	RANGIT	6,106.50	6,169.09	1,49,427.81	-1,00,524.67	0.00
	BARH	1,89,732.24	1,86,541.52	-47,39,848.11	-70,344.74	-14,265.84
	NVVN-NEPAL	-26,160.83	-26,113.76	-1,53,941.00	-5,08,254.94	-3,142.87
	APNRL	60,171.81	57,461.45	-45,78,809.54	0.00	0.00
	GMRKEL	14,662.66	14,094.18	-14,52,047.25	-2,54,663.55	0.00
	JITPL	72,484.98	72,952.07	12,83,447.62	-11,460.44	0.00
	TPCL	20,610.97	16,700.32	-88,29,392.57	-1,81,221.77	0.00
	BRCL	72,699.67	72,384.07	-7,38,659.07	-31,422.40	0.00
	TALCHER SOLAR	301.64	310.03	67,124.00	0.00	0.00
	JORETHANG HEP	15,519.81	14,181.79	-30,67,715.50	-2,72,268.91	0.00
	NPGC	92,369.64	93,240.19	20,45,086.81	-855.57	0.00
	HVDC SASARAM	-162.50	-139.36	66,073.00	-468.79	0.00
	VAE	-2,565.21	0.00	51,55,882.98	0.00	0.00
	NVVN-BD	-1,52,416.20	-1,53,494.25	-37,31,914.00	-13,07,958.22	-8,366.17
	CHUZACHEN	18,927.24	19,219.38	6,69,848.81	-60,035.78	0.00
	TUL	2,01,178.40	2,02,965.23	51,89,273.74	0.00	0.00
	DIKCHU	17,457.86	18,483.09	25,06,846.26	0.00	0.00
	THEP	17,408.88	17,773.44	6,22,335.48	-3,86,916.17	-8,004.47
	HVDC ALIPURDUAR	-195.38	-172.98	66,459.00	-1,099.04	0.00
	MTPS-II	42,398.76	41,014.49	-30,53,831.64	-1,32,285.17	0.00
	NPGC_INFIRM	0.00	-814.23	-23,64,446.28	0.00	0.00
	DARLIPALI_INFIRM	0.00	871.96	-22,69,350.38	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: 16/10/2019

RRAS Account for Week: 16-Sep-19 to 22-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	1137.78500	950051	2655590	568893	4174533
2	FSTPP-III	151.95300	229143	348124	75976	653245
3	KHSTPP-I	456.08500	484362	1009316	228042	1721720
4	KHSTPP-II	1186.24000	1306051	2489920	593120	4389089
5	TSTPP-I	12.75000	12418	27820	6375	46614
6	BARH	1067.70700	1996613	2631899	533854	5162365
7	BRBCL	203.00000	486185	452690	101500	1040374
8	MTPS-II	743.53200	2032818	2048433	371766	4453016
9	NPGC	82.50000	249397	190245	41250	480893
	Total	5041.55200	7747038	11854037	2520776	22121849

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	304.17328	678306	508730
2	MTPS-II	307.44250	847004	635253
3	NPGC	169.54500	390971	293228
4	FSTPP I & II	499.72250	1166352	874764
5	FSTPP-III	180.99000	414648	310986
6	KHSTPP-I	171.50000	379530	284647
7	KHSTPP-II	306.09000	642483	481862
8	TSTPP-I	103.60000	226055	169541
9	BARH	416.40750	1026444	769833
	Total	2459.47078	5771794	4328845

EASTERN REGIONAL POWER COMMITTEE
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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	1137.78500	490107	BSPHCL
			4718	JUVNL
			94021	GRIDCO
			18073	SIKKIM
			181205	WBSETCL
			3194	TS_TRANSCO
			9848	WB SOLAR
			71579	ASSAM
			31399	DELHI
			14807	HARYANA
			1457	J & K
			29643	UP
2	FSTPP-III	151.95300	100282	BSPHCL
			60860	JUVNL
			16806	GRIDCO
			38060	WBSETCL
3	KHSTPP-I	456.08500	18056	BSPHCL
			58671	GRIDCO
			12736	SIKKIM
			31608	ASSAM
			112409	DELHI
			96320	HARYANA
			864	HVDC_PUSAULI
			16524	J & K
			4880	RAJASTHAN
			132294	UP
4	KHSTPP-II	1186.24000	9516	SIKKIM
			87210	ASSAM
			237916	DELHI
			56012	GUJARAT
			257287	HARYANA
			14466	HP
			36246	J & K
			73028	MAHARASHTRA
			279712	MP
			147970	UP
106688	UTTARAKHAND			
5	TSTPP-I	12.75000	12418	SIKKIM

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6	BARH	1067.70700	13590	HVDC_APD
			1886734	BSPHCL
			39929	JUVNL
			53929	SIKKIM
			2431	TS_TRANSCO
7	BRBCL	203.00000	30824	BSPHCL
			101365	BIHAR_RAILWAYS
			161429	RAILWAYS
			149774	PUNJAB Railway
8	MTPS-II	743.53200	42793	RAJASTHAN Railway
			1088678	BSPHCL
			560191	GRIDCO
			375085	WBSETCL
9	NPGC	82.50000	8864	TS_TRANSCO
			247282	BSPHCL
			2115	SIKKIM
	Total	5041.55200	7747038	

A) RRAS settlement account for the week 16-Sep-19 to 22-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-1 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: 16/10/2019

FRAS Account for Week: 16-Sep-19 to 22-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 16-Sep-19 to 22-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: 16/10/2019

AGC Account for Week: 16-Sep-19 to 22-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	2093.943750	2924.428125	-830.484375	-2047144	2509186	462042

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 16-Sep-19 to 22-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.