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NO: ERPC/COM-II/ABT-DC/8189-8223

Date: 08.11.2019

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 21.10.2019 to 27.10.2019.

दिनांक -21.10.2019 से 27.10.2019 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 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 05.11.2019.

दिनांक -05.11.2019 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.

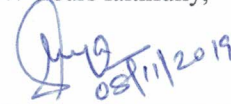
आरआरएएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता @ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

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, 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 21.10.19 TO 27.10.19
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	123.67338		24.26684	0.38127	99.02527	
JUVNL	34.48234		3.58239	0.57296	30.32700	
DVC		61.39755	7.27693	0.42721		69.10168
GRIDCO						*Not Calculated
SIKKIM		0.96666	0.46052	0.01104		1.43823
WBSETCL		163.84656	51.07371	0.82731		215.74758
HVDC SASARAM	0.55760		0.00613	0.00000	0.55147	
HVDC ALIPURDUAR	0.43023		0.01002	0.00000	0.42021	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II	21.55095		1.50452	0.00000	20.04642	
FSTPP-III	6.18269		0.48115	0.01522	5.68632	
KHSTPP-I	46.21048		0.24884	0.00000	45.96164	
KHSTPP-II		18.89119	0.88063	0.00000		19.77182
TSTPP	7.31876		6.20439	0.00000	1.11436	
BARH	9.69507		0.31848	0.00000	9.37659	
MTPS-II		0.47390	0.28700	0.00000		0.76090
BRBCL	20.98211		1.33428	0.00000	19.64784	
TEESTA	46.24445		0.96881	0.00000	45.27564	
RANGIT	5.33862		0.10529	0.00000	5.23333	
MAITHON R/B	31.35560		0.46184	0.00000	30.89375	
NPGC	7.17523		1.76225	0.00000	5.41297	
OTHER GENERATORS						
APNRL		13.65300	0.81171	0.00000		14.46471
GMRKEL		3.32807	0.17631	0.00000		3.50437
JITPL		9.52334	0.03044	0.00000		9.55379
CHUZACHEN	1.65237		0.06620	0.00000	1.58617	
DIKCHU		2.16547	0.03140	0.00000		2.19687
JORETHANG HEP		11.16824	0.00846	0.00000		11.17670
THEP		10.40629	0.01465	0.00000		10.42094
TUL		25.97530	11.13524	0.00000		37.11054
INTER- REGIONAL						
NER		1261.74464				1261.74464
NR	1145.03581				1145.03581	
SR		4822.93278				4822.93278
WR	5484.73253				5484.73253	
INTER- NATIONAL						
NVVN-BD		14.31411	0.69605	0.00000		15.01016
NVVN-NEPAL		4.08946	1.33663	0.00000		5.42609
TPTCL		49.49135	0.08078			49.57213
INFIRM GENERATORS						
OPGC_INFIRM						*Not Calculated
NPGC_INFIRM		8.23070				8.23070
DARLIPALI_INFIRM		29.27346				29.27346
SOLAR GENERATORS						
TALCHER SOLAR		0.32949				0.32949
TOTAL	6992.61820	6512.20157	115.62189	2.23501	6950.32731	6587.76758

(All figures in Rs. Lakhs)

Payable to the pool(A):	6512.20157
Receivable from the pool(B):	6992.61820
Differential Amount Arising from capping of Generating Stations(A-B)	-480.41664
Additional Deviation Amount:	117.85691

* 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.

MEMBER SECRETARY

**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.
27/10/19	BSPHCL	-76,733.975	-76,133.067	6,68,640.83	-39,809.31	-2,410.58
	JUVNL	-14,730.103	-14,729.416	3,31,547.29	-56,343.66	-4,914.26
	DVC	16,956.352	16,259.111	-8,56,213.36	-41,616.74	-3,217.00
	SIKKIM	-1,272.437	-1,082.949	2,64,199.51	-14,718.78	0.00
	WBSETCL	-36,994.960	-39,366.050	-43,46,613.43	-3,11,207.58	-7,155.13
	NER	3,395.000	-1,233.265	-87,65,292.99	-58,93,375.12	-68,549.81
	NR	-47,878.714	-45,059.388	36,06,706.53	-32,09,741.49	-79,34,754.27
	SR	-18,742.901	-37,626.476	-33,31,85,326.56	-2,72,11,841.90	-2,61,795.82
	WR	16,643.714	44,001.496	4,84,07,253.55	-14,85,539.92	-3,47,970.37
	FSTPP-I & II	13,831.035	13,928.648	3,35,920.27	0.00	0.00
	KHSTPP-I	10,428.077	10,731.554	5,83,865.51	-8,725.02	0.00
	TSTPP	11,912.704	12,083.797	4,82,424.73	0.00	0.00
	RANGIT	1,447.500	1,483.328	62,434.36	-1,597.05	0.00
	KHSTPP-II	19,492.970	19,424.408	-97,931.46	0.00	0.00
	FSTPP-III	7,916.932	8,122.151	2,73,355.79	-22,019.25	0.00
	TEESTA	6,906.000	7,174.291	5,50,080.33	0.00	0.00
	MAITHON R/B	13,276.620	13,505.054	5,41,406.84	-49.26	0.00
	BARH	16,897.673	16,947.382	1,03,584.656	-1,770.41	0.00
	NVNV-NEPAL	-1,196.714	-930.000	5,10,896.161	-27,483.85	0.00
	APNRL	5,899.328	5,714.473	-1,73,708.021	0.00	0.00
	GMRKEL	9,415.193	9,309.454	-1,27,845.812	0.00	0.00
	JITPL	11,519.008	11,470.763	-20,571.90	0.00	0.00
	TPCL	1,445.565	1,228.480	-3,57,576.11	0.00	0.00
	BRCL	10,440.021	10,588.727	4,33,290.432	-3,081.44	0.00
	TALCHER SOLAR	22.443	24.582	18,555.17	0.00	0.00
	JORETHANG HEP	1,447.647	1,301.088	-1,45,707.11	0.00	0.00
	NPGC	9,063.576	9,139.367	2,38,730.96	0.00	0.00
	HVDC SASARAM	-17.418	-17.646	-560.298	-22.74	0.00
	VAE	2,695.318	0.000	-59,84,935.887	0.00	0.00
	NVNV	-20,276.670	-20,303.054	-3,24,374.815	-27,423.97	0.00
	CHUZACHEN	1,064.255	1,017.792	-42,353.673	-905.93	0.00
	TUL	12,634.272	12,437.600	87,863.821	0.00	0.00
	DIKCHU	983.380	916.364	-75,898.888	-1,545.41	0.00
	THEP	1,423.259	1,346.400	-90,585.676	0.00	0.00
	HVDC ALIPURDUAR	-20.651	-17.358	5,766.189	-234.80	0.00
MTPS-II	4,767.375	4,769.492	12,508.264	-320.12	0.00	
NPGC_INFIRM	0.000	-40.313	-75,019.494	0.00	0.00	
DARLIPALI_INFIRM	0.000	-185.408	-3,43,235.412	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 21/10/19 TO 27/10/19	BSPHCL	-5,36,480.44	-5,25,573.99	1,23,67,337.82	-24,26,684.38	-38,127.03
	JUVNL	-1,08,546.13	-1,06,747.62	34,48,233.57	-3,58,238.59	-57,295.70
	DVC	1,37,765.98	1,34,301.64	-61,39,754.90	-7,27,692.55	-42,720.72
	SIKKIM	-10,027.38	-9,903.82	-98,666.24	-46,052.15	-1,104.36
	WBSETCL	-3,40,414.71	-3,47,994.13	-1,63,84,656.25	-51,07,370.76	-82,731.37
	NER	-32,293.59	-85,844.14	-12,61,74,464.00	0.00	0.00
	NR	-4,23,724.14	-3,69,752.12	11,45,03,581.00	0.00	0.00
	SR	-20,949.91	-2,29,581.61	-48,22,93,278.00	0.00	0.00
	WR	1,12,986.42	3,51,800.95	54,84,73,253.00	0.00	0.00
	FSTPP-I & II	1,10,322.45	1,11,259.60	21,55,094.79	-1,50,452.44	0.00
	KHSTPP-I	90,145.43	92,093.09	46,21,047.90	-24,884.27	0.00
	KHSTPP-II	1,78,676.46	1,77,636.03	-18,89,118.89	-88,062.75	0.00
	TSTPP	85,454.71	85,501.50	7,31,875.89	-6,20,439.46	0.00
	FSTPP-III	61,338.17	61,733.49	6,18,269.01	-48,115.10	-1,522.33
	TEESTA	54,554.00	56,561.82	46,24,445.25	-96,880.85	0.00
	MAITHON R/B	1,05,001.47	1,06,080.69	31,35,559.56	-46,184.42	0.00
	RANGIT	10,119.00	10,375.36	5,33,861.50	-10,528.55	0.00
	BARH	1,30,230.18	1,30,422.54	9,08,677.97	-31,948.10	0.00
	NVNV-NEPAL	-8,377.00	-8,315.41	-4,08,946.00	-1,33,662.92	0.00
	APNRL	40,308.22	39,324.80	-13,65,299.95	-81,171.04	0.00
	GMRKEL	47,842.79	47,566.18	-3,32,806.62	-17,630.70	0.00
	JITPL	79,557.63	78,925.45	-9,52,334.34	-3,044.18	0.00
	TPCL	11,564.52	9,180.61	-49,49,135.03	8,078.30	0.00
	BRCL	62,922.48	64,176.51	20,98,211.19	-1,33,427.63	0.00
	TALCHER SOLAR	173.73	170.77	-32,949.00	0.00	0.00
	JORETHANG HEP	10,124.71	9,354.85	-11,16,823.92	-846.38	0.00
	NPGC	74,575.87	74,500.67	7,17,522.62	-1,76,225.18	0.00
	HVDC SASARAM	-148.02	-127.19	55,760.00	-613.23	0.00
	VAE	3,623.64	0.00	-63,49,415.50	0.00	0.00
	NVNV-BD	-1,39,881.06	-1,40,186.54	-14,31,411.00	-69,605.02	0.00
	CHUZACHEN	7,865.92	7,896.70	1,65,236.80	-6,619.67	0.00
	TUL	95,273.71	92,720.29	-25,97,530.07	-11,13,523.83	0.00
	DIKCHU	7,545.41	7,365.91	-2,16,546.56	-3,140.07	0.00
	THEP	10,907.54	10,223.33	-10,40,629.07	-1,464.88	0.00
	HVDC ALIPURDUAR	-155.87	-137.44	43,023.00	-1,001.85	0.00
MTPS-II	36,243.09	36,102.79	-47,390.48	-28,699.92	0.00	
NPGC_INFIRM	0.00	-345.04	-8,23,070.14	0.00	0.00	
DARLIPALI_INFIRM	0.00	-1,273.65	-29,27,346.45	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: 08/11/2019

RRAS Account for Week: 21-Oct-19 to 27-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	995.32700	831099	2397743	497663	3726507
2	FSTPP-III	37.50000	56550	88650	18750	163950
3	KHSTPP-I	1313.87000	1395329	2920734	656934	4972998
4	KHSTPP-II	1915.84000	2109340	4038591	957919	7105851
5	TSTPP-I	1129.02200	1099668	2723202	564511	4387381
6	BARH	1447.22800	2706315	3590571	723614	7020502
7	BRBCL	863.31200	2067633	1886338	431657	4385628
8	MTPS-II	659.44200	1802915	1798300	329721	3930936
9	NPGC	311.04500	799386	705762	155522	1660669
	Total	8672.58600	12868235	20149891	4336291	37354422

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	1786.95066	3904487	2928365
2	MTPS-II	494.01004	1347165	1010374
3	NPGC	775.00500	1758486	1318865
4	FSTPP I & II	1173.31682	2826520	2119890
5	FSTPP-III	0.00000	0	0
6	KHSTPP-I	378.93120	842364	631773
7	KHSTPP-II	486.06426	1024623	768468
8	TSTPP-I	224.88750	542429	406821
9	BARH	3203.90091	7948878	5961659
	Total	8523.06640	20194953	15146215

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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	995.32700	160123	BSPHCL
			83128	JUVNL
			255616	GRIDCO
			21657	SIKKIM
			104377	WBSETCL
			3841	TS_TRANSCO
			3177	WB SOLAR
			42299	ASSAM
			21484	DELHI
			42898	HARYANA
			10001	RAJASTHAN
82498	UP			
2	FSTPP-III	37.50000	10060	BSPHCL
			22970	JUVNL
			22525	GRIDCO
			995	TS_TRANSCO
3	KHSTPP-I	1313.87000	108985	BSPHCL
			35647	JUVNL
			270235	GRIDCO
			69203	SIKKIM
			75769	WBSETCL
			1095	TS_TRANSCO
			11473	WB SOLAR
			73821	DELHI
			149238	HARYANA
			1500	HVDC_PUSAULI
28003	RAJASTHAN			
570360	UP			
4	KHSTPP-II	1915.84000	453	BSPHCL
			27610	JUVNL
			63982	GRIDCO
			17969	SIKKIM
			1978	TS_TRANSCO
			13963	WB SOLAR
			42812	ASSAM
			32579	CHATTISGARH
			497	DAMAN & DIU
			143367	DELHI
			127135	GUJARAT
			249091	HARYANA
			41201	HP
			132074	MAHARASHTRA
			101660	MP
			217228	PUNJAB
49193	RAJASTHAN			
725535	UP			
121013	UTTARAKHAND			
5	TSTPP-I	1129.02200	316720	BSPHCL
			2877	JUVNL
			766786	GRIDCO
			318	SIKKIM
			10773	WBSETCL
			788	WB SOLAR
			1406	ASSAM

EASTERN REGIONAL POWER COMMITTEE
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6	BARH	1447.22800	12580	HVDC_APD
			2568146	BSPHCL
			45983	JUVNL
			70338	SIKKIM
			9268	TS_TRANSCO
7	BRBCL	863.31200	8647	BSPHCL
			657824	BIHAR_RAILWAYS
			57944	DVC_RAILWAYS
			101450	MAHARASHTRA RAILWAYS
			577868	RAILWAYS
			56165	HARYANA RAILWAY
			472680	PUNJAB RAILWAY
			135052	RAJASTHAN RAILWAY
8	MTPS-II	659.44200	3	UP RAILWAY
			1269353	BSPHCL
			1519	JUVNL
			401591	GRIDCO
			5835	SIKKIM
			119750	WBSETCL
9	NPGC	311.04500	4867	TS_TRANSCO
			730951	BSPHCL
			52844	JUVNL
			15591	SIKKIM
	Total	8672.58600	12868235	

A) RRAS settlement account for the week 21-Oct-19 to 27-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: 08/11/2019

FRAS Account for Week: 21-Oct-19 to 27-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 21-Oct-19 to 27-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:08/11/2019

AGC Account for Week: 21-Oct-19 to 27-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	0.000000	0.000000	0.000000	0	0	0

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 21-Oct-19 to 27-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.