



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति



Eastern Regional Power Committee

14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033

आई एस ओ : 9001-2008
ISO : 9001-2008

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NO: ERPC/COM-II/ABT-DC/ 6825-59

Date: 21.12.2018

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & FRAS Settlement Account for the period from 03.12.2018 to 09.12.2018.

Statement of Deviation charges for the week has been prepared as per CERC (Deviation Settlement Mechanism and related matters) Regulations (Notification no. No.L-1/132/2013/CERC dated 06.01.2014. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated. **RRAS Settlement Account for the week has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC.**

The last installment of data for the subjected week has been received from ERLDC on 18.12.2018.

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.

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS providers beyond 12/17 days of the issuance date, the RRAS providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

Encl: As above

Yours faithfully,


21/12/18
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

ABT based Deviation Charge Account
For the period 03.12.18 TO 09.12.18

AS PER RATE FOR DEVIATION W.E.F. 17/02/2014

(All figures in Rs. Lakhs)

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)	(+) ADDITIONAL DEVIATION CHARGE TO BE PAID (in Rs. Lakhs)	NET DEVIATION CHARGE PAYABLE	UTILITIES AND DEVIATION CHARGES RECEIVABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)	(-) ADDITIONAL DEVIATION CHARGE TO BE PAID (in Rs. Lakhs)	NET DEVIATION CHARGE RECEIVABLE
GRIDCO	364.98765	64.14588	429.13353	BSPHCL	73.67369	5.82964	67.84405
DVC	299.56365	26.21819	325.78183	HVDC ALIPURDUAR	7.45859	0.00000	7.45859
WBSETCL	121.88443	19.57486	141.45929	HVDC SASARAM	4.46223	0.00000	4.46223
JUVNL	87.45774	11.66354	99.12129	SIKKIM	3.43888	0.00485	3.43403
SR	1908.89526	0.00000	1908.89526	WR	5235.87386	0.00000	5235.87386
NR	1424.48243	0.00000	1424.48243	NVVN-BD	9.68243	7.30184	2.38059
NER	1030.54807	0.00000	1030.54807	MAITHON R/B	17.31346	0.00000	17.31346
NVVN-NEPAL	141.86961	0.49744	142.36705	BRBCL	14.19448	0.00000	14.19448
GMRKEL	40.53006	0.79525	41.32531	KHSTPP-II	10.15170	0.00000	10.15170
FSTPP I&II	33.31837	0.08307	33.40144	TSTPP	3.05702	0.01980	3.03723
MTPS-II	31.72084	1.89352	33.61436	TEESTA	56.49990	1.83254	54.66735
FSTPP-III	23.66984	0.00000	23.66984	RANGIT	7.07622	0.00000	7.07622
BARH	5.36312	0.00000	5.36312	Teesta-III(TUL)	4.74427	1.26882	3.47545
KHSTPP-I	4.77605	1.04043	5.81649	CHUZACHEN	3.14684	0.00000	3.14684
TPTCL	15.69258	0.00000	15.69258	DIKCHU	0.98609	0.00954	0.97655
THEP	2.08266	0.00240	2.08506	JITPL	17.50940	0.00000	17.50940
JORETHANG LOOP HEP	0.54143	0.02228	0.56370	Adj for APNRL(for 02.11.18)	3.82571	0.00000	3.82571
APNRL	6.51628	1.55900	8.07528	Adj for Sikkim(for 28.10.18)	0.04534	0.00000	0.04534
IND BARATH	0.00000	0.00000	0.00000				
TALCHER SOLAR	1.20906	0.00000	1.20906				
NPGC_INFIRM	36.66708	0.00000	36.66708				
OPGC_INFIRM	32.83188	0.00000	32.83188				
DARLIPALI_INFIRM	5.13383	0.00000	5.13383				
BRBCL U-III_INFIRM	3.14255	0.00000	3.14255				
Adj for JUVNL(for 02.11.18)	4.24804	0.00000	4.24804				
Adj for WBSETCL(for 28.10.18)	0.09139	0.00000	0.09139				
TOTAL	5627.22390	127.49586	5754.71976		5473.14012	16.26704	5456.87309

AMOUNT ARISING FROM ADDITIONAL DEVIATION CHARGE (RS. IN LACS)

143.76289

(All figures in Rs. Lakhs)

Payable to the pool(A):	5627.22390
Payable from the pool(B):	5473.14012
Differential Amount Arising from capping of Thermal Power Stations(A-B)	154.08378
Additional Deviation Amount:	143.76289
VAE of Eastern Region:	292.00258

Sd/-
Member Secretary

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-Dharamiavzarh 765kV D/C, ER end of Sundergarh-Dharamiavzarh 765kV D/C, ER end of Sundergarh-Raizarh 400kV O/C, ER end of Ranchi-Sirat 400kV D/C, Budinadar-Korba 220 kV lines & Budhinadar-Raizarh 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 Binuguri - 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-1/132/2013/CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated.
- iv) CHPC, KHPC and THPC are not covered under ABT. Hence Deviation energy (MWh) of these stations have been adjusted by giving credits/debits to ER beneficiaries as per their shares from these stations.
- v) ER-NR tie schedule has been modified to the extent of 15% of deviation energy of TALA HEP (after incorporating ER transmission loss of % during the above week).
- vi) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.
- vii) As informed by ERLDC THEP Unit-01 & 02 both declared COD wef 00:00 Hrs of 18.10.17
- viii) As informed by ERLDC OPGC (2*660 MW), new Pool Member of ER, has started drawing power in small quantity from 15.01.18.
- ix) As per CERC Order 20/MP/2017 dated 09.03.18 MTPS Stg-II becomes a new regional entity and DSM Pool member of ER wef 01.04.18
- 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 DARLPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.
- xii) As informed by ERLDC BRBCL Unit-3 Start Up power drawl started wef 14.09.2018.**

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.	Page 1 of 1
					ADDITIONAL DEVIATION CHARGE IN Rs.
03-12-18	BSPHCL	-65,959.831	-66,195.957	-25,82,896.58	-4,72,999.04
	JUVNL	-14,543.140	-14,388.865	52,472.44	-87,751.89
	DVC	17,074.606	15,172.999	-31,61,998.86	-5,43,722.39
	GRIDCO	-31,452.598	-33,618.111	-56,71,907.65	-13,45,648.46
	SIKKIM	-1,596.223	-1,600.396	-1,31,065.13	0.00
	WBSETCL	-15,645.649	-15,768.550	-10,64,463.60	-3,78,944.84
	NER	-5,172.351	-18,795.302	-3,37,77,587.10	-2,97,23,833.43
	NR	-42,571.036	-42,793.295	40,35,981.49	-85,24,994.52
	SR	-27,601.462	-34,464.767	-2,29,19,716.52	-3,09,18,539.51
	WR	-1,005.296	25,072.906	6,72,75,563.75	-2,25,506.87
	FSTPP-I & II	30,240.293	30,075.821	-6,77,552.97	-8,206.92
	KHSTPP-I	14,267.010	13,986.439	-6,13,791.71	-1,04,043.40
	TSPP	10,788.281	10,851.918	1,24,854.73	0.00
	RANGIT	658.000	689.306	78,693.71	0.00
	CHPC	0.000	1,248.443	31,83,529.17	0.00
	KHPC	0.000	-662.422	-14,04,333.79	0.00
	THPC	2,637.015	997.794	-34,75,148.26	0.00
	KHSTPP-II	28,845.174	28,858.616	80,389.71	0.00
	FSTPP-III	9,406.241	9,246.396	-3,73,739.09	0.00
	TEESTA	4,011.250	4,259.673	4,93,143.33	-1,83,254.27
	MAITHON R/B	19,967.375	20,232.291	4,65,134.01	0.00
	BARH	29,166.920	29,015.236	-2,22,652.932	0.00
	NVN-NEPAL	-2,846.304	-3,549.840	-18,12,568.390	-2,169.88
	APNRL	8,904.950	8,862.618	10,126.978	0.00
	GMREL	13,480.775	12,652.763	-6,15,883.217	-407.60
	JITPL	9,819.069	9,882.036	1,44,220.73	0.00
	TPICL	612.417	540.026	-1,73,640.17	0.00
	BRBCL	10,001.622	10,047.123	1,38,694.571	0.00
	TALCHER SOLAR	39.385	35.277	-38,407.00	0.00
	JORETHANG HEP	553.051	551.872	49,608.19	0.00
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-22.208	0.729	50,270.969	0.00
	VAE	-434.618	0.000	25,37,714.321	0.00
	NVN	-11,791.889	-11,364.073	4,67,389.246	0.00
	CHUZACHEN	421.957	439.364	38,998.659	0.00
	TUL	7,025.669	7,002.036	42,265.765	0.00
	DIKCHU	412.375	419.273	28,364.030	0.00
	THEP	611.823	619.168	38,936.013	0.00
	HVDC ALIPURDUAR	-55.611	-16.226	96,008.795	0.00
	OPGC_INFIRM	0.000	-193.538	-4,93,344.506	0.00
	MTPS-II	5,279.941	5,132.488	-2,74,885.41	0.00
	NPGC_INFIRM	0.000	-76.550	-1,84,090.602	0.00
	DARLIPALI_INFIRM	0.000	-23.819	-61,627.984	0.00
	BRBCL U-III_INFIRM	0.000	-20.142	-50,180.496	0.00
04-12-18	BSPHCL	-67,187.517	-66,985.649	-5,80,033.60	-92,707.63
	JUVNL	-14,301.791	-13,225.775	10,45,280.64	0.00
	DVC	19,425.162	18,051.301	-35,87,616.61	-2,36,228.90
	GRIDCO	-27,353.012	-28,263.166	-30,19,440.58	-2,83,489.24
	SIKKIM	-1,624.684	-1,652.403	-2,00,844.16	-485.07
	WBSETCL	-17,364.401	-17,654.807	-8,50,453.11	-81,447.76
	NER	-5,534.088	-19,088.183	-3,51,97,429.49	-3,08,31,342.84
	NR	-40,020.551	-41,686.255	-26,66,286.12	-1,00,13,598.63
	SR	-27,900.693	-33,933.410	-1,78,25,857.26	-2,71,21,313.67
	WR	-1,805.386	21,199.393	6,48,42,225.57	-26,213.72
	FSTPP-I & II	28,560.564	28,134.603	-10,50,376.25	0.00
	KHSTPP-I	16,527.212	16,504.106	-79,130.50	0.00
	TSPP	10,800.000	10,943.481	1,19,152.77	0.00
	RANGIT	616.000	659.999	1,56,186.80	0.00
	CHPC	0.000	1,122.429	28,62,193.12	0.00
	KHPC	0.000	-602.896	-12,78,136.67	0.00
	THPC	2,637.015	897.080	-36,88,662.80	0.00
	KHSTPP-II	29,061.024	29,152.381	1,11,470.264	0.00
	FSTPP-III	9,914.773	9,638.924	-7,56,310.889	0.00
	TEESTA	2,907.000	3,242.909	9,63,663.880	0.00
	MAITHON R/B	20,129.250	20,252.072	2,81,317.728	0.00
	BARH	29,298.940	29,222.836	-1,40,059.398	0.00
	NVN-NEPAL	-2,846.304	-3,473.792	-17,19,059.710	-9.09
	APNRL	8,904.950	8,812.000	79,845.530	0.00
	GMREL	13,333.409	12,983.927	-4,13,336.028	-39.54
	JITPL	9,606.383	9,724.945	3,54,703.247	0.00
	TPICL	612.417	539.677	-1,85,814.61	0.00
	BRBCL	9,745.454	9,815.748	1,87,851.752	0.00
	TALCHER SOLAR	41.220	39.191	-18,988.074	0.00
	JORETHANG HEP	553.051	490.272	-73,242.881	-1,154.89
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-25.910	-0.752	65,387.062	0.00
	VAE	-1,055.400	0.000	31,92,555.766	0.00
	NVN	-13,729.496	-13,382.182	6,39,863.406	-75,566.22
	CHUZACHEN	421.957	438.409	48,222.841	0.00
	TUL	6,955.116	7,029.964	3,15,949.505	0.00
	DIKCHU	447.182	433.818	-3,116.006	-953.97
	THEP	611.838	594.016	-10,410.831	0.00
	HVDC ALIPURDUAR	-55.611	-16.130	1,03,653.450	0.00
	OPGC_INFIRM	0.000	-225.965	-6,26,624.939	0.00
	MTPS-II	3,897.274	3,703.732	-4,08,716.594	0.00
	NPGC_INFIRM	0.000	-116.885	-3,18,358.259	0.00
	DARLIPALI_INFIRM	0.000	-28.792	-76,612.068	0.00
	BRBCL U-III_INFIRM	0.000	17.348	45,007.443	0.00
05-12-18	BSPHCL	-69,239.965	-68,096.023	27,32,994.04	0.00
	JUVNL	-14,322.065	-14,442.489	-4,14,065.70	-48,977.76
	DVC	19,234.540	18,147.225	-33,71,137.55	-91,362.07
	GRIDCO	-26,822.246	-29,528.572	-85,74,425.66	-13,01,983.26
	SIKKIM	-1,572.402	-1,714.087	-4,27,081.89	0.00
	WBSETCL	-20,410.382	-20,645.533	-9,20,102.67	-4,39,722.93
	NER	-4,941.280	-15,617.621	-3,53,19,420.46	-3,18,25,755.69
	NR	-41,861.501	-45,298.100	-1,32,69,861.65	-1,54,60,454.11
	SR	-27,839.317	-36,255.070	-1,86,74,339.06	-2,66,71,891.06
	WR	-1,237.764	26,451.958	8,21,59,712.92	-1,58,643.80
	FSTPP-I & II	28,979.498	28,923.595	-1,26,897.83	0.00
	KHSTPP-I	16,851.618	16,806.691	-47,382.13	0.00
	TSPP	11,010.000	11,044.285	1,65,614.35	0.00
	RANGIT	633.000	673.378	1,27,444.87	0.00
	CHPC	0.000	1,053.692	26,86,913.91	0.00
	KHPC	0.000	-375.790	-9,96,673.95	0.00
	THPC	2,637.015	842.143	-38,05,128.62	0.00
	KHSTPP-II	29,984.829	30,089.644	3,13,551.863	0.00
	FSTPP-III	10,412.344	10,251.968	-3,61,521.914	0.00
	TEESTA	3,191.000	3,498.182	10,98,344.062	0.00
	MAITHON R/B	20,404.250	20,531.200	3,64,419.475	0.00
	BARH	29,602.459	29,609.563	1,00,006.443	0.00
	NVN-NEPAL	-2,846.304	-3,530.320	-19,68,319.372	-153.45
	APNRL	8,904.950	8,914.691	87,238.613	0.00
	GMREL	13,559.035	13,467.854	1,94,476.351	-11.33
	JITPL	9,815.863	9,922.254	3,56,368.514	0.00
	TPICL	612.417	526.120	-2,54,419.95	0.00
	BRBCL	10,045.639	10,135.079	2,41,664.095	0.00
	TALCHER SOLAR	37.968	35.399	-24,013.138	0.00
	JORETHANG HEP	553.051	524.512	-51,992.894	-993.80
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-26.086	-0.761	74,250.021	0.00
	VAE	-825.355	0.000	26,86,012.288	0.00
	NVN	-12,789.101	-13,066.618	-6,42,717.799	-4,57,278.75
	CHUZACHEN	421.957	437.612	41,979.092	0.00
	TUL	7,178.394	7,152.873	87,432.660	-1,26,471.03
	DIKCHU	413.285	411.364	19,120.932	0.00
	THEP	640.342	594.048	-59,883.608	0.00
	HVDC ALIPURDUAR	-55.611	-15.326	1,17,941.314	0.00
	OPGC_INFIRM	0.000	-126.474	-3,68,872.016	0.00
	MTPS-II	3,965.460	3,845.504	-2,86,017.339	0.00
	NPGC_INFIRM	0.000	-85.234	-2,46,039.166	0.00
	DARLIPALI_INFIRM	0.000	-27.018	-77,393.943	0.00
	BRBCL U-III_INFIRM	0.000	-13.188	-38,552.812	0.00

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

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/ GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 2 of 2
					Additional Deviation Charge in Rs.
06-12-18	BSPHCL	-69,907.294	-68,201.898	50,90,614.48	0.00
	JUVNL	-14,101.348	-13,892.852	1,83,856.41	-52,017.52
	DVC	20,085.599	19,644.900	-15,34,103.78	-1,01,104.40
	GRIDCO	-26,391.820	-28,336.976	-62,76,656.47	-13,37,540.80
	SIKKIM	-1,622.826	-1,695.047	-2,40,041.20	0.00
	WBSETCL	-23,140.003	-23,235.087	-6,18,752.80	-1,87,229.96
	NER	-4,324.972	-16,101.490	-3,50,31,725.21	-3,01,00,389.65
	NR	-42,330.500	-48,083.658	-1,71,06,278.35	-2,58,31,665.30
	SR	-28,318.454	-35,577.936	-2,44,78,879.96	-3,22,71,799.55
	WR	-1,751.527	23,728.610	7,70,26,210.61	-8,06,986.92
	FSTPP-I & II	31,310.453	31,189.974	-2,89,729.47	0.00
	KHSTPP-I	17,157.175	17,231.824	2,33,262.87	0.00
	TSPPP	10,972.500	10,945.443	-33,629.29	0.00
	RANGIT	605.500	656.979	1,77,795.86	0.00
	CHPC	0.000	1,251.854	31,92,228.35	0.00
	KHPC	0.000	32.004	67,848.48	0.00
	THPC	2,517.913	1,000.521	-32,16,870.68	0.00
	KHSTPP-II	31,258.888	31,318.096	2,10,309.20	0.00
	FSTPP-III	10,714.808	10,618.171	-2,32,897.93	0.00
	TEESTA	3,351.000	3,676.182	10,82,384.71	0.00
	MATHON R/B	20,921.938	21,093.600	4,41,474.68	0.00
	BARH	29,291.831	29,345.236	2,51,139.667	0.00
	NVVN-NEPAL	-2,846.304	-3,643.856	-24,25,802.825	-2,687.70
	APNRL	8,904.950	8,785.527	-3,33,775.72	-1,55,899.73
	GMRKEL	13,934.489	13,704.145	-3,55,815.81	-999.11
	JITPL	9,776.331	9,857.963	2,37,992.94	0.00
	TPCL	612.417	524.102	-2,56,957.25	0.00
	BRBCL	7,492.575	7,584.951	2,29,650.934	0.00
	TALCHER SOLAR	35.430	35.993	5,267.79	0.00
	JORETHANG HEP	534.048	507.232	-22,795.25	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.086	-0.785	74,625.18	0.00
	VAE	-2,888.340	0.000	84,29,661.38	0.00
	NVVN	-12,643.434	-12,614.036	-24,354.58	-1,33,115.83
	CHUZACHEN	317.990	320.614	56,996.34	0.00
	TUL	6,947.590	6,908.727	1,75,127.334	0.00
	DIKCHU	413.285	402.091	18,079.760	0.00
	THEP	625.589	574.464	-1,04,647.743	0.00
	HVDC ALIPURDUAR	-55.611	-16.070	1,17,403.158	0.00
	OPGC_INFIRM	0.000	-227.084	-6,89,144.659	0.00
	MTPS-II	6,895.614	6,583.984	-8,13,981.298	-1,89,092.08
	NPGC_INFIRM	0.000	-133.243	-3,95,635.485	0.00
	DARLIPALI_INFIRM	0.000	-26.740	-77,733.072	0.00
	BRBCL U-III_INFIRM	0.000	-13.896	-40,652.684	0.00
07-12-18	BSPHCL	-68,902.343	-67,976.067	19,44,486.90	0.00
	JUVNL	-13,959.336	-14,416.549	15,68,055.529	-2,54,288.75
	DVC	20,004.644	18,541.358	-32,94,099.43	-1,10,397.91
	GRIDCO	-26,679.095	-29,063.774	-57,49,734.06	-9,94,277.49
	SIKKIM	-1,687.234	-1,666.475	-7,009.28	0.00
	WBSETCL	-24,389.395	-25,288.870	-28,07,985.84	-5,61,200.34
	NER	-4,168.218	-11,460.210	-1,90,66,338.76	-1,84,47,227.00
	NR	-42,506.242	-51,865.782	-2,07,00,044.24	-2,00,05,187.58
	SR	-26,423.701	-36,745.426	-2,36,01,627.42	-2,60,07,609.16
	WR	-5,892.954	27,005.862	7,77,46,406.07	-1,980.66
	FSTPP-I & II	33,957.097	33,787.958	-3,14,632.78	0.00
	KHSTPP-I	16,624.832	16,591.364	-9,103.04	0.00
	TSPPP	11,040.000	11,035.497	-18,983.182	-1,979.72
	RANGIT	606.000	634.162	59,967.20	0.00
	CHPC	0.000	411.946	10,50,462.66	0.00
	KHPC	0.000	74.466	1,57,867.92	0.00
	THPC	2,743.223	329.240	-51,17,642.69	0.00
	KHSTPP-II	31,037.567	30,908.804	-2,71,362.704	0.00
	FSTPP-III	10,725.399	10,542.005	-4,02,290.385	0.00
	TEESTA	3,111.000	3,288.073	6,67,723.333	0.00
	MATHON R/B	21,437.063	21,463.127	65,866.318	0.00
	BARH	28,182.065	28,097.672	-1,21,664.437	0.00
	NVVN-NEPAL	-2,846.304	-3,760.560	-21,79,619.005	-5,994.65
	APNRL	5,903.907	5,820.073	-1,98,807.095	0.00
	GMRKEL	13,861.820	13,404.073	-8,34,199.188	-1,420.25
	JITPL	9,959.986	10,058.909	2,41,601.220	0.00
	TPCL	612.417	522.252	-2,19,678.28	0.00
	BRBCL	8,828.623	8,926.407	2,44,963.262	0.00
	TALCHER SOLAR	36.710	34.121	-24,204.81	0.00
	JORETHANG HEP	533.057	484.928	-24,201.40	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.557	-0.795	59,268.72	0.00
	VAE	-3,159.793	0.000	70,53,918.04	0.00
	NVVN	-10,198.147	-10,008.800	2,44,440.855	-23,963.63
	CHUZACHEN	359.010	370.250	35,204.380	0.00
	TUL	6,980.439	6,886.254	-46,907.220	-23.95
	DIKCHU	388.394	386.909	645.351	0.00
	THEP	592.350	531.104	-98,371.299	0.00
	HVDC ALIPURDUAR	-55.534	-14.797	97,506.763	0.00
	OPGC_INFIRM	0.000	-194.176	-4,60,259.605	0.00
	MTPS-II	7,801.111	7,538.156	-5,08,841.051	0.00
	NPGC_INFIRM	0.000	-234.965	-5,47,483.864	0.00
	DARLIPALI_INFIRM	0.000	-33.625	-80,207.635	0.00
	BRBCL U-III_INFIRM	0.000	-22.862	-52,106.056	0.00
08-12-18	BSPHCL	-67,478.926	-66,468.357	22,51,533.59	0.00
	JUVNL	-15,826.113	-16,968.619	-27,24,720.18	-1,33,125.64
	DVC	19,066.393	17,759.935	-28,90,564.87	-2,06,241.21
	GRIDCO	-26,905.067	-28,894.523	-49,64,390.49	-8,31,052.74
	SIKKIM	-1,723.799	-1,647.275	90,384.93	0.00
	WBSETCL	-23,726.031	-23,799.366	-4,01,210.55	-49,371.53
	NER	-1,554.057	9,731.862	2,72,10,764.81	0.00
	NR	-41,566.442	-59,452.575	-3,97,00,025.33	-3,23,70,170.77
	SR	-23,153.945	-37,219.846	-3,74,37,578.02	-3,53,78,142.71
	WR	-13,372.736	13,047.221	6,26,62,212.53	-18,24,863.82
	FSTPP-I & II	34,054.640	33,829.924	-3,68,163.43	0.00
	KHSTPP-I	16,594.328	16,609.975	1,26,980.41	0.00
	TSPPP	11,036.721	11,006.218	-38,996.46	0.00
	RANGIT	606.000	623.197	47,405.09	0.00
	CHPC	0.000	833.313	21,24,948.73	0.00
	KHPC	0.000	-127.710	-2,70,745.20	0.00
	THPC	2,637.015	666.010	-41,78,531.27	0.00
	KHSTPP-II	30,677.443	30,652.023	23,963.933	0.00
	FSTPP-III	10,382.460	10,308.766	-1,58,164.162	0.00
	TEESTA	3,474.000	3,774.691	6,72,051.966	0.00
	MATHON R/B	21,564.938	21,581.345	75,127.034	0.00
	BARH	29,701.058	29,448.218	-4,25,463.155	0.00
	NVVN-NEPAL	-2,846.304	-3,589.984	-17,88,222.858	-10,039.62
	APNRL	5,903.907	5,840.436	-1,18,070.877	0.00
	GMRKEL	12,976.966	12,438.400	-10,41,631.272	-74,710.19
	JITPL	9,862.519	9,942.763	2,28,837.058	0.00
	TPCL	612.417	518.604	-2,26,241.28	0.00
	BRBCL	9,911.135	9,884.249	-21,702.549	0.00
	TALCHER SOLAR	35.765	33.909	-17,351.60	0.00
	JORETHANG HEP	478.033	483.552	51,304.15	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.557	-0.789	59,350.67	0.00
	VAE	-1,939.520	0.000	38,66,690.31	0.00
	NVVN	-10,629.774	-10,514.182	1,60,350.208	-6,690.07
	CHUZACHEN	388.000	399.898	35,283.398	0.00
	TUL	6,726.053	6,552.945	-2,22,186.400	-387.51
	DIKCHU	393.453	396.182	9,033.083	0.00
	THEP	560.963	574.784	48,607.056	-239.90
	HVDC ALIPURDUAR	-55.611	-11.589	1,05,820.629	0.00
	OPGC_INFIRM	0.000	-129.682	-3,10,750.517	0.00
	MTPS-II	7,408.974	7,193.728	-4,09,384.640	-259.88
	NPGC_INFIRM	0.000	-331.488	-8,16,645.732	0.00
	DARLIPALI_INFIRM	0.000	-33.034	-84,228.030	0.00
	BRBCL U-III_INFIRM	0.000	-21.704	-56,740.702	0.00

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.	Page 3 of 3
					Additional Deviation Charge in Rs.
09-12-18	BSPHCL	-67,931.384	-67,434.131	4,21,940.05	-17,257.81
	JUVNL	-15,933.650	-18,281.303	-40,27,894.79	-5,90,182.56
	DVC	26,392.727	22,414.099	-1,00,91,310.68	-13,32,761.65
	GRIDCO	-28,915.226	-30,032.556	-36,47,965.15	-3,20,596.21
	SIKKIM	-1,721.357	-1,373.877	8,75,791.41	0.00
	WBSETCL	19,986.118	-18,851.642	16,31,544.20	-2,59,569.01
	NER	-2,290.132	8,949.153	2,81,26,940.13	0.00
	NR	-37,452.059	-58,661.534	-5,30,41,728.44	-4,32,80,045.43
	SR	-11,455.558	-29,119.039	-4,59,51,527.59	-4,12,91,429.15
	WR	-26,346.747	9,210.209	9,18,75,054.82	-2,54,368.76
	FSTPP-I & II	33,482.637	33,253.142	-5,04,483.92	0.00
	KHSTPP-I	16,541.338	16,490.100	-68,241.04	0.00
	TSTPP	11,020.000	11,016.461	-12,310.70	0.00
	RANGIT	607.000	629.173	60,128.94	0.00
	CHPC	0.000	668.927	17,05,764.63	0.00
	KHPC	0.000	-196.967	-4,17,565.62	0.00
	THPC	2,208.000	534.627	-35,47,740.69	0.00
	KHSTPP-II	29,996.096	30,181.262	5,47,040.932	0.00
	FSTPP-III	10,086.966	10,047.875	-82,059.297	0.00
	TEESTA	2,786.000	3,012.218	6,52,678.263	0.00
	MAITHON R/B	21,197.438	21,238.800	38,006.841	0.00
	BARH	29,403.613	29,378.618	32,381.445	0.00
	NVFN-NEPAL	-2,846.304	-3,735.104	-22,93,368.890	-28,689.78
	APNRL	5,903.907	5,834.473	-1,78,181.497	0.00
	GMRKEL	11,919.651	11,460.000	-9,86,817.137	-2,336.85
	JITPL	9,674.347	9,745.382	1,87,215.859	0.00
	TPTCL	612.417	514.762	-2,52,506.72	0.00
	BRBCL	6,192.801	6,352.555	3,98,925.886	0.00
	TALCHER SOLAR	36.445	36.102	-3,207.05	0.00
	JORETHANG HEP	478.033	473.728	17,177.39	-78.85
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-25.734	-0.779	63,070.75	0.00
	VAE	-563.248	0.000	14,33,705.71	0.00
	NVFN	-12,789.938	-12,787.273	1,23,271.341	-33,629.62
	CHUZACHEN	388.000	401.239	57,996.990	0.00
	TUL	6,347.918	6,340.000	1,22,745.701	0.00
	DIKCHU	373.470	379.091	26,481.656	0.00
	THEP	592.829	553.696	-22,495.602	0.00
	HVDC ALIPURDUAR	-55.611	-13.330	1,07,525.337	0.00
	OPGC_INFIRM	0.000	-132.404	-3,34,192.232	0.00
	MTPS-II	7,264.799	7,058.820	-4,70,257.918	0.00
	NPGC_INFIRM	0.000	-465.754	-11,68,454.408	0.00
	DARLIPALI_INFIRM	0.000	-23.611	-55,580.681	0.00
	BRBCL U-III INFIRM	0.000	-12.337	-30,615.060	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 03-12-18 TO 09-12-18	BSPHCL	-4,76,604.26	-4,71,378.08	73,67,369.00	-5,82,964.47
	JUVNL	-1,03,997.44	-1,06,019.45	-87,45,771.00	-11,66,354.11
	DVC	1,42,083.67	1,31,031.22	-2,99,56,365.00	-26,21,818.54
	GRIDCO	-1,94,406.06	-2,07,737.68	-3,64,98,765.00	-64,14,588.20
	SIKKIM	-1,548.52	-1,349.56	3,43,888.00	-485.07
	WBSETCL	-1,44,661.98	-1,45,243.86	-1,21,88,443.00	-19,57,486.38
	NER	-27,985.10	-62,381.79	-10,30,54,807.00	0.00
	NR	-2,88,308.33	-3,47,941.20	-14,24,48,243.00	0.00
	SR	-1,72,701.13	-2,42,575.50	-19,08,89,526.00	0.00
	WR	-51,412.41	1,47,266.16	52,35,87,386.00	0.00
	FSTPP-I & II	2,20,585.18	2,19,195.02	-33,31,836.64	-8,306.92
	KHSTPP-I	1,14,363.51	1,14,220.50	-4,77,603.13	-1,04,043.40
	KHSTPP-II	2,10,861.02	2,11,140.83	10,15,170.20	0.00
	TSTPP	76,667.50	76,743.30	3,05,702.22	-1,979.72
	FSTPP-III	71,642.99	70,664.11	-23,66,983.67	0.00
	TEESTA	22,831.25	24,851.93	56,49,990.00	-1,83,254.27
	MAITHON R/B	1,45,622.25	1,46,392.43	17,31,346.08	0.00
	RANGIT	4,331.50	4,566.09	7,07,622.00	0.00
	BARH	2,04,646.89	2,04,117.38	-5,36,312.37	0.00
	NVFN-NEPAL	-19,924.13	-25,283.46	-1,43,86,961.00	-49,744.18
APNRL	53,331.52	52,969.82	-6,51,628.00	-1,55,899.73	
GMRKEL	93,066.15	90,421.16	-40,53,006.00	-79,524.88	
JITPL	68,512.50	69,134.25	17,50,940.00	0.00	
TPTCL	4,286.92	3,685.54	-15,69,258.00	0.00	
BRBCL	62,217.85	62,746.11	14,19,447.95	0.00	
TALCHER SOLAR	262.92	249.99	-1,20,906.00	0.00	
JORETHANG HEP	3,682.32	3,516.10	-54,143.00	-2,227.54	
IND Barath	0.00	0.00	0.00	0.00	
HVDC SASARAM	-177.14	-5.39	4,46,223.00	0.00	
VAE	-10,866.27	0.00	2,92,00,257.75	0.00	
NVFN-BD	-84,581.78	-83,737.16	9,68,243.00	-7,30,183.52	
CHUZACHEN	2,718.87	2,817.39	3,14,684.00	0.00	
TUL	48,161.18	47,872.80	4,74,427.34	-1,26,882.50	
DIKCHU	2,841.44	2,828.73	98,608.81	-953.97	
THEP	4,235.74	4,041.28	-2,08,265.01	-239.90	
HVDC ALIPURDUAR	-389.20	-103.47	7,45,859.00	0.00	
OPGC_INFIRM	0.00	-1,229.32	-32,83,188.47	0.00	
MTPS-II	42,513.17	41,056.41	-31,72,083.88	-1,89,351.96	
NPGC_INFIRM	0.00	-1,444.12	-36,66,707.52	0.00	
DARLIPALI_INFIRM	0.00	-196.64	-5,13,383.41	0.00	
BRBCL U-III INFIRM	0.00	-120.88	-3,14,255.25	0.00	

LEGEND: Energy:(+ve) means injection, (-ve) means drawal (+) means under drawal/ over injection
Deviation Charge: (+ve) means receivable, (-ve) means payable (-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date: 20/12/2018

RRAS Account for Week: 03-Dec-18 to 09-Dec-18

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	2066.54400	1725564	5133294	1033273	7892132
2	FSTPP-III	632.00400	950534	1578116	316002	2844653
3	KHSTPP-I	878.64800	935760	1930389	439324	3305474
4	KHSTPP-II	2995.40500	3288954	6290353	1497703	11077008
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	1546.50000	2884223	3018768	773250	6676240
7	BRBCL	1876.77000	4553045	3605276	938385	9096705
8	MTPS-II	2490.50200	5850189	6318403	1245251	13413841
	Total	12486.37300	20188269	27874599	6243188	54306053

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	19.28314	37043	27782
2	MTPS-II	125.60893	318670	239002
3	FSTPP I & II	704.93778	1751065	1313299
4	FSTPP-III	39.47000	98557	73917
5	KHSTPP-I	308.31750	677374	508030
6	KHSTPP-II	65.61130	137784	103338
7	TSTPP-I	3.00000	5634	4226
8	BARH	109.75000	214232	160674
	Total	1375.97864	3240358	2430269

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	2066.54400	814666	BSPHCL
			92405	JUVNL
			112597	SIKKIM
			227311	ASSAM
			68193	DELHI
			11561	HARYANA
			118198	RAJASTHAN
			280633	UP
2	FSTPP-III	632.00400	875387	BSPHCL
			51708	DVC
			23439	GRIDCO
3	KHSTPP-I	878.64800	23929	BSPHCL
			7171	SIKKIM
			6367	TS_TRANSCO
			214117	DELHI
			15504	HARYANA
			161423	RAJASTHAN
507249	UP			

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4	KHSTPP-II	2995.40500	9599	SIKKIM
			30844	ASSAM
			68781	CHATTISGARH
			352192	DELHI
			173076	GUJARAT
			39660	HARYANA
			88899	HP
			186111	MAHARASHTRA
			655727	RAJASTHAN
			1674241	UP
			9824	UTTARAKHAND
5	TSTPP-I	0.00000	0	-
6	BARH	1546.50000	1482393	JUVNL
			1366772	GRIDCO
			35058	TS_TRANSCO
7	BRBCL	1876.77000	347798	BIHAR_RAILWAYS
			1668633	MAHARASHTRA RAILWAYS
			2536614	MP RAILWAYS
8	MTPS-II	2490.50200	1568268	BSPHCL
			17809	DVC
			3329074	GRIDCO
			901599	WBSETCL
			33439	TS_TRANSCO
Total		12486.37300	20188269	

A) RRAS settlement account for the week 03-Dec-18 to 09-Dec-18 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.

Sd/-
Member Secretary

EASTERN REGIONAL POWER COMMITTEE, KOLKATA-700033

FRAS Settlement Account by ERPC

Date: 20/12/2018

FRAS Account for Week: 03-Dec-18 to 09-Dec-18

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	19.291667	19.291667	38.583333	3858.33	3858
2	RANGIT	0	0	0	0	0

A) FRAS settlement account for the week 03-Dec-18 to 09-Dec-18 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.

Sd/-
Member Secretary