



सत्यमेव जयते

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

Eastern Regional Power Committee

14, गोल्फ क्लब रोड, टालीगंज, 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/ 7714-48

Date: 11.01.2019

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & FRAS Settlement Account for the period from 24.12.2018 to 30.12.2018.

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.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.**

The last installment of data for the subjected week has been received from ERLDC on 10.01.2019.

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,



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, 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
KOLKATA**

**ABT based Deviation Charge Account
For the period 24.12.18 TO 30.12.18**

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
DVC	413.60195	95.34776	508.94972	HVDC ALIPURDUAR	6.28654	0.03082	6.25572
WBSETCL	276.19701	24.66115	300.85816	HVDC SASARAM	3.89904	0.01843	3.88061
GRIDCO	265.64090	46.23969	311.88059	WR	4391.23334	0.00000	4391.23334
BSPHCL	226.29029	33.47107	259.76136	NER	1659.44013	0.00000	1659.44013
JUVNL	223.32327	17.01293	240.33620	NVVN-BD	11.90349	2.03991	9.86359
SIKKIM	8.28928	0.15558	8.44486	BRBCL	18.99158	0.11962	18.87196
NR	3066.58422	0.00000	3066.58422	KHSTPP-II	11.65801	0.00979	11.64822
SR	1327.06761	0.00000	1327.06761	TEESTA	24.39218	0.21926	24.17291
NVVN-NEPAL	87.45625	0.00099	87.45725	Teesta-III(TUL)	5.92024	0.00000	5.92024
FSTPP I&II	34.18872	0.00000	34.18872	DIKCHU	2.24094	0.00304	2.23789
MTPS-II	27.48131	1.66927	29.15057	RANGIT	1.69454	0.00235	1.69219
FSTPP-III	24.68514	0.06791	24.75305	CHUZACHEN	0.16775	0.03436	0.13339
GMRKEL	22.14406	0.01617	22.16023	TALCHER SOLAR	0.09631	0.00000	0.09631
TSTPP	20.41110	0.16557	20.57667	DARLIPALI INFIRM	5.06976	0.00000	5.06976
BARH	16.92932	0.00000	16.92932				
KHSTPP-I	14.70911	0.04510	14.75421				
MAITHON R/B	5.70884	0.00688	5.71572				
TPTCL	23.72219	0.00000	23.72219				
THEP	5.18921	0.12974	5.31895				
JORETHANG LOOP HEP	1.02295	0.02315	1.04610				
JITPL	64.47694	40.52031	104.99725				
APNRL	5.55062	0.10176	5.65238				
IND BARATH	0.00000	0.00000	0.00000				
BRBCL U-III_INFIRM	18.18302	0.00000	18.18302				
OPGC_INFIRM	17.36981	0.00000	17.36981				
NPGC_INFIRM	10.95457	0.00000	10.95457				
TOTAL	6207.17769	259.63502	6466.81271		6142.99383	2.47759	6140.51624

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

262.11261

(All figures in Rs. Lakhs)

Payable to the pool(A):	6207.17769
Payable from the pool(B):	6142.99383
Differential Amount Arising from capping of Thermal Power Stations(A-B)	64.18386
Additional Deviation Amount:	262.11261
VAE of Eastern Region:	108.24824

**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, Jevpore end of Jevpore -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-1/132/2013/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 DARLIPALI(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.
24/12/18	BSPHCL	-66,580.136	-67,343.372	-29,96,421.90	-2,74,411.83
	JUVNL	-16,553.705	-17,324.705	-25,65,733.74	-3,17,881.80
	DVC	20,347.426	16,953.686	-72,21,491.20	-13,90,843.83
	GRIDCO	-22,309.076	-22,308.440	-21,14,762.57	-5,36,855.55
	SIKIM	-1,610.843	-1,681.710	-2,67,224.35	-1,826.10
	WBSETCL	-17,258.734	-17,269.299	-3,73,274.92	-13,582.17
	NER	-3,874.887	7,104.108	245,07,234.63	-2,35,268.53
	NR	-35,004.507	-57,121.465	-442,44,719.32	-357,68,425.56
	SR	1,330.989	-34,311.941	-879,19,398.32	-808,06,674.02
	WR	-40,403.443	16,047.193	1284,78,181.89	-9,46,637.24
	FSTPP-I & II	33,246.136	32,986.463	-6,26,220.95	0.00
	KHSTPP-I	16,435.897	16,237.573	-2,44,260.91	-4,509.53
	TSTPP	4,037.750	3,706.760	-6,82,388.50	0.00
	RANGIT	522.000	525.203	12,103.48	0.00
	CHPC	0.000	36.381	92,770.52	0.00
	KHPC	0.000	-316.706	-6,71,417.57	0.00
	THPC	913.790	29.077	-18,75,592.62	0.00
	KHSTPP-II	29,713.693	29,787.581	1,74,352.58	-978.61
	FSTPP-III	9,993.945	9,843.099	-3,72,770.69	-6,790.71
	TEESTA	2,903.000	3,047.927	3,37,865.51	0.00
	MAITHON R/B	21,756.063	21,630.327	-1,90,361.18	0.00
	BARH	29,653.250	29,242.036	-4,75,689.124	0.00
	NVVN-NEPAL	-5,689.152	-6,168.784	-11,13,777.030	0.00
	APNRL	5,328.998	5,251.854	-1,17,421.501	-1,375.59
	GMRKEL	13,668.513	13,333.091	-2,92,423.148	-2.91
	JITPL	10,022.709	10,105.018	2,08,367.38	-1,430.25
	TPTCL	612.602	464.700	-3,28,444.18	0.00
	BRBCL	10,155.864	10,260.107	2,00,542.222	-9,185.56
	TALCHER SOLAR	47.770	50.481	25,212.56	0.00
	JORETHANG HEP	421.029	399.456	-15,366.02	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-0.981	55,421.184	-463.01
	VAE	37.120	0.000	6,27,962.269	0.00
	NVVN	-12,516.430	-12,385.091	3,71,175.060	-64,499.15
	CHUZACHEN	299.965	307.716	25,672.665	0.00
	TUL	6,183.188	6,168.873	82,088.500	0.00
	DIKCHU	297.560	310.950	29,647.831	0.00
	THEP	502.527	474.752	-93,701.417	0.00
	HVDC ALIPURDUAR	-55.544	-11.998	98,260.997	-769.28
	OPGC_INFIRM	0.000	-119.547	-2,67,670.782	0.00
	MTPS-II	7,712.276	7,535.988	-3,60,926.747	-485.95
NPGC_INFIRM	0.000	-213.235	-4,68,258.365	0.00	
DARLIPALI_INFIRM	0.000	32.373	45,820.358	0.00	
BRBCL U-III INFIRM	0.000	-61.889	-1,79,115.809	0.00	
25/12/18	BSPHCL	-68,410.315	-69,121.781	-29,77,334.54	-2,92,234.90
	JUVNL	-16,894.712	-17,962.096	-34,41,311.05	-2,36,580.56
	DVC	21,434.489	16,214.228	-146,81,133.74	-58,61,330.00
	GRIDCO	-23,676.473	-26,088.945	-67,48,879.76	-16,87,217.22
	SIKIM	-1,455.762	-1,695.129	-7,46,027.61	-4,827.90
	WBSETCL	-20,128.140	-20,596.287	-4,26,538.43	-60,353.58
	NER	-4,424.252	6,899.616	316,96,725.28	-1,99,522.14
	NR	-33,682.273	-55,222.647	-576,11,786.16	-451,14,728.54
	SR	-11,725.026	-35,593.634	-715,20,062.66	-611,05,108.56
	WR	-17,265.682	28,534.613	1293,65,731.02	-7,94,743.38
	FSTPP-I & II	34,455.913	34,204.115	-6,37,069.41	0.00
	KHSTPP-I	16,812.597	16,756.067	-1,05,096.23	0.00
	TSTPP	0.000	-328.595	-7,75,396.69	0.00
	RANGIT	504.000	509.018	26,815.57	0.00
	CHPC	0.000	400.440	10,21,121.65	0.00
	KHPC	0.000	-329.429	-6,98,389.06	0.00
	THPC	1,508.790	320.044	-25,20,141.67	0.00
	KHSTPP-II	30,820.233	30,881.301	2,64,389.142	0.00
	FSTPP-III	10,849.875	10,711.557	-3,21,048.682	0.00
	TEESTA	2,819.000	2,961.200	4,26,212.710	-2,896.54
	MAITHON R/B	20,995.875	21,052.763	2,04,012.731	0.00
	BARH	29,288.402	29,190.872	40,968.936	0.00
	NVVN-NEPAL	-5,689.152	-6,184.688	-14,59,281.140	0.00
	APNRL	5,505.635	5,488.509	-11,201.379	-8,800.79
	GMRKEL	9,444.115	9,452.882	2,31,361.467	0.00
	JITPL	9,744.369	9,829.600	2,31,891.982	-5,747.78
	TPTCL	612.602	461.647	-4,19,812.96	0.00
	BRBCL	10,176.608	10,365.537	4,69,566.079	0.00
	TALCHER SOLAR	48.150	47.412	-6,914.512	0.00
	JORETHANG HEP	421.029	393.184	-47,244.666	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-0.983	69,980.671	-454.20
	VAE	-1,079.245	0.000	34,51,043.588	0.00
	NVVN	-10,764.940	-10,788.040	-13,853.148	-34,920.78
	CHUZACHEN	297.504	305.688	39,546.592	0.00
	TUL	5,804.754	5,824.218	2,05,954.854	0.00
	DIKCHU	297.560	312.455	45,330.430	-210.03
	THEP	507.026	469.952	-94,243.884	-116.53
	HVDC ALIPURDUAR	-55.544	-12.302	1,22,332.662	-771.42
	OPGC_INFIRM	0.000	-114.824	-3,22,690.027	0.00
	MTPS-II	7,156.578	7,045.608	-2,39,692.453	0.00
NPGC_INFIRM	0.000	-58.601	-1,64,716.724	0.00	
DARLIPALI_INFIRM	0.000	61.722	76,139.480	0.00	
BRBCL U-III INFIRM	0.000	-80.994	-2,25,255.431	0.00	
26/12/18	BSPHCL	-69,767.991	-68,402.318	20,73,487.54	-57,031.85
	JUVNL	-17,380.595	-17,880.316	-9,11,560.68	-43,714.43
	DVC	16,417.497	14,346.701	-34,39,345.87	-8,84,179.73
	GRIDCO	-27,587.962	-29,547.138	-32,22,936.95	-2,82,464.05
	SIKIM	-1,912.701	-1,732.004	2,38,047.35	-1,599.44
	WBSETCL	-20,750.209	-21,262.832	-4,87,481.21	-22,024.99
	NER	-4,705.444	7,054.908	201,41,624.85	-1,99,776.79
	NR	-37,193.760	-56,028.579	-341,14,231.20	-289,91,348.59
	SR	-27,539.564	-31,588.653	-36,76,339.42	-113,03,684.90
	WR	3,424.402	21,581.845	290,80,993.66	-13,87,654.70
	FSTPP-I & II	35,012.797	34,657.685	-4,43,158.88	0.00
	KHSTPP-I	17,205.361	16,968.297	-3,27,711.95	0.00
	TSTPP	8,410.625	8,226.575	-3,70,393.32	-16,556.62
	RANGIT	469.000	468.134	11,278.32	-234.96
	CHPC	0.000	159.716	4,07,276.92	0.00
	KHPC	0.000	-384.887	-8,15,960.02	0.00
	THPC	1,949.605	127.650	-38,62,543.90	0.00
	KHSTPP-II	31,406.185	31,318.580	56,303.155	0.00
	FSTPP-III	10,904.500	10,670.678	-3,63,190.614	0.00
	TEESTA	3,235.000	3,370.291	1,66,777.031	-19,029.83
	MAITHON R/B	20,320.063	20,226.400	-72,670.743	0.00
	BARH	29,385.402	28,986.436	-4,07,445.833	0.00
	NVVN-NEPAL	-5,689.152	-6,304.016	-10,72,512.346	0.00
	APNRL	5,505.635	5,395.345	-1,43,027.060	0.00
	GMRKEL	13,157.155	12,493.309	-6,37,657.714	-15.88
	JITPL	9,757.580	9,787.491	1,05,876.818	0.00
	TPTCL	612.602	455.942	-2,62,320.91	0.00
	BRBCL	10,116.607	10,198.720	2,15,065.735	-2,710.49
	TALCHER SOLAR	48.028	42.766	-49,743.029	0.00
	JORETHANG HEP	421.029	358.336	-28,834.128	-86.61
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-0.982	42,302.885	-464.61
	VAE	-1,995.143	0.000	21,58,784.277	0.00
	NVVN	-12,720.192	-12,572.436	2,25,842.851	-19,529.98
	CHUZACHEN	330.039	340.619	13,435.627	0.00
	TUL	5,210.242	5,140.509	-30,055.304	0.00
	DIKCHU	326.415	335.364	23,184.012	-94.43
	THEP	500.276	449.248	9,606.199	-603.23
	HVDC ALIPURDUAR	-55.544	-11.933	74,155.149	-770.35
	OPGC_INFIRM	0.000	-14.818	-1,96,041.229	0.00
	MTPS-II	7,840.113	7,442.288	-6,94,580.850	-6,993.45
NPGC_INFIRM	0.000	-46.872	-79,889.342	0.00	
DARLIPALI_INFIRM	0.000	43.640	45,524.228	0.00	
BRBCL U-III INFIRM	0.000	-81.411	-1,38,057.640	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.
27/12/18	BSPHCL	-69,666.895	-69,284.582	8,18,304.70	-12,223.69
	JUVNL	-17,150.939	-18,321.483	-23,02,128.88	-1,39,209.28
	DVC	16,972.549	14,924.020	-37,80,936.32	-5,82,979.03
	GRIDCO	-24,027.861	-26,020.674	-37,11,473.78	-5,68,355.61
	SIKKIM	-1,761.545	-1,843.113	-1,88,973.60	0.00
	WBSETCL	-19,597.300	-20,759.200	-23,22,649.40	-1,46,523.05
	NER	-4,221.820	4,735.649	178,40,827.47	0.00
	NR	-34,652.890	-52,403.094	-364,99,141.58	-301,87,381.38
	SR	-46,470.814	-38,436.195	152,34,281.29	-86,39,327.28
	WR	11,169.876	21,270.062	232,64,844.09	-19,62,121.83
	FSTPP-I & II	34,431.847	34,078.171	-4,96,547.08	0.00
	KHSTPP-I	16,980.370	16,809.712	-2,75,025.80	0.00
	TS/TP	11,022.500	10,905.719	-1,99,740.00	0.00
	RANGIT	520.000	526.472	15,740.00	0.00
	CHPC	0.000	-109.353	-2,78,850.68	0.00
	KHPC	0.000	-434.236	-9,20,579.47	0.00
	THPC	1,888.790	-87.398	-41,89,519.53	0.00
	KHSTPP-II	30,099.887	29,993.878	-44,006.59	0.00
	FSTPP-III	10,301.103	10,185.573	-1,87,566.62	0.00
	TEESTA	3,061.583	3,238.436	3,64,096.94	0.00
	MAITHON R/B	22,128.063	22,025.818	-1,24,956.63	0.00
	BARH	29,386.301	29,117.563	-2,97,074.736	0.00
	NVUN-NEPAL	-5,689.152	-6,180.688	-10,25,961.890	0.00
	APNRL	5,611.674	5,542.473	-1,00,289.97	0.00
	GMRKEL	13,778.285	13,190.182	-6,03,374.66	0.00
	JITPL	10,151.248	10,235.200	1,95,835.62	0.00
	TP/CL	612.602	451.518	-3,26,679.86	0.00
	BR/CL	10,352.721	10,439.794	2,46,694.872	-66.37
	TALCHER SOLAR	40.718	34.682	-57,196.38	0.00
	JORETHANG HEP	402.025	409.088	20,094.34	-803.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-0.972	51,052.58	0.00
	VAE	-1,619.873	0.000	18,93,117.64	0.00
	NVUN	-12,807.627	-12,646.836	2,61,749.14	-8,254.65
	CHUZACHEN	330.039	329.522	2,806.21	0.00
	TUL	5,396.048	5,293.454	-32,094.863	0.00
	DIKCHU	288.549	275.545	-12,821.931	0.00
	THEP	493.525	450.656	-58,908.609	0.00
	HVDC ALLIPURDUAR	-55.544	-11.986	89,632.263	0.00
	OPGC_INFORM	0.000	-118.724	-2,45,807.043	0.00
	MTPS-II	7,041.454	6,881.512	-2,43,400.622	0.00
NPGC_INFORM	0.000	-38.419	-76,977.127	0.00	
DARLIPALI_INFORM	0.000	139.856	2,07,386.840	0.00	
BR/CL U-III INFORM	0.000	-107.202	-2,19,466.005	0.00	
28/12/18	BSPHCL	-66,971.190	-69,460.132	-59,91,333.19	-8,59,687.79
	JUVNL	-16,664.459	-17,765.823	-35,05,635.17	-3,68,309.13
	DVC	18,118.885	15,897.252	-60,57,367.44	-7,51,810.64
	GRIDCO	-24,890.133	-27,096.451	-55,93,416.46	-8,82,579.40
	SIKKIM	-1,595.056	-1,541.158	-4,671.99	0.00
	WBSETCL	-21,754.634	-23,189.264	-34,87,719.61	-4,90,700.65
	NER	-4,370.638	7,289.327	282,96,386.12	0.00
	NR	-33,731.311	-54,087.499	-505,78,306.55	-398,68,029.21
	SR	-42,769.344	-35,636.805	136,70,943.92	-129,94,802.38
	WR	13,646.638	28,055.468	402,77,534.59	-28,95,350.36
	FSTPP-I & II	34,883.620	34,632.414	-5,63,641.10	0.00
	KHSTPP-I	16,845.604	16,713.262	-2,26,455.43	0.00
	TS/TP	10,810.000	10,811.486	42,421.43	0.00
	RANGIT	505.500	513.816	24,770.92	0.00
	CHPC	0.000	-91.082	-2,32,258.24	0.00
	KHPC	0.000	-425.016	-9,01,033.92	0.00
	THPC	1,569.463	-72.795	-34,81,586.48	0.00
	KHSTPP-II	30,012.624	30,169.431	4,91,610.328	0.00
	FSTPP-III	10,836.625	10,624.749	-4,55,008.383	0.00
	TEESTA	2,823.000	-3,011.345	-5,70,856.504	0.00
	MAITHON R/B	22,645.188	22,548.763	-1,96,804.465	0.00
	BARH	25,547.500	25,367.454	-3,57,476.253	0.00
	NVUN-NEPAL	-5,689.152	-6,219.232	-13,33,698.102	0.00
	APNRL	5,315.113	5,280.436	-61,587.981	0.00
	GMRKEL	13,778.285	13,474.763	-2,67,031.324	-154.31
	JITPL	1,807.139	1,142.182	-17,34,005.840	-6,39,944.23
	TP/CL	612.602	478.412	-3,33,601.68	0.00
	BR/CL	10,461.933	10,620.073	3,68,285.966	0.00
	TALCHER SOLAR	25.565	29.517	25,732.42	0.00
	JORETHANG HEP	402.025	372.864	-1,998.83	-1,250.47
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-1.070	60,151.45	0.00
	VAE	-866.165	0.000	23,62,513.00	0.00
	NVUN	-10,516.019	-9,961.891	4,53,115.574	-24,699.87
	CHUZACHEN	302.825	247.324	-1,26,759.858	-3,435.78
	TUL	5,285.475	5,359.854	3,07,698.061	0.00
	DIKCHU	288.549	315.818	76,657.445	0.00
	THEP	490.450	454.560	-1,08,095.895	-1,550.29
	HVDC ALLIPURDUAR	-47.682	-11.857	92,013.768	0.00
	OPGC_INFORM	0.000	-113.144	-2,72,699.044	0.00
	MTPS-II	7,331.353	6,972.624	-7,87,102.792	-1,58,430.65
NPGC_INFORM	0.000	-53.806	-1,23,074.510	0.00	
DARLIPALI_INFORM	0.000	62.452	1,03,398.595	0.00	
BR/CL U-III INFORM	0.000	-151.274	-3,64,663.632	0.00	
29/12/18	BSPHCL	-64,186.166	-67,602.052	-80,68,994.55	-17,90,202.37
	JUVNL	-16,043.878	-18,128.549	-52,00,260.43	-5,04,457.09
	DVC	24,736.191	24,334.454	-7,99,284.03	-59,546.07
	GRIDCO	-25,314.456	-26,345.738	-25,83,071.41	-4,97,977.00
	SIKKIM	-1,531.156	-1,628.919	-3,00,903.56	611.30
	WBSETCL	-23,058.587	-25,427.056	-57,89,021.37	-13,65,896.64
	NER	-3,914.658	5,612.599	222,15,886.97	0.00
	NR	-34,433.367	-51,899.254	-373,97,690.26	-279,47,024.35
	SR	-39,810.037	-36,899.911	-17,24,156.23	-199,95,284.92
	WR	11,925.248	29,964.774	464,23,039.80	-12,14,084.60
	FSTPP-I & II	35,377.519	35,266.473	-2,12,910.86	0.00
	KHSTPP-I	17,558.580	17,440.725	-2,00,654.47	0.00
	TS/TP	10,825.000	10,792.865	-51,890.02	0.00
	RANGIT	493.000	511.705	44,452.95	0.00
	CHPC	0.000	-42.886	-1,08,993.18	0.00
	KHPC	0.000	-264.467	-5,60,669.62	0.00
	THPC	1,043.790	-34.036	-22,84,990.47	0.00
	KHSTPP-II	31,762.776	31,774.001	1,50,746.508	0.00
	FSTPP-III	11,040.000	10,793.017	-5,18,831.126	0.00
	TEESTA	2,258.500	2,390.882	3,73,537.899	0.00
	MAITHON R/B	22,180.938	22,141.018	-54,336.301	0.00
	BARH	19,467.175	19,359.600	-5,589.001	0.00
	NVUN-NEPAL	-5,689.152	-6,215.968	-12,34,584.962	0.00
	APNRL	5,195.072	5,160.263	-33,461.135	0.00
	GMRKEL	13,490.868	13,302.618	-1,92,455.681	-42.53
	JITPL	0.000	-193.673	-4,47,534.475	0.00
	TP/CL	612.602	461.686	-3,56,322.88	0.00
	BR/CL	10,595.670	10,687.497	2,17,511.868	0.00
	TALCHER SOLAR	46.153	49.982	35,731.45	0.00
	JORETHANG HEP	402.025	384.640	-37,553.85	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-1.072	57,826.20	0.00
	VAE	-95.638	0.000	2,57,469.95	0.00
	NVUN	-10,907.097	-10,844.800	87,404.992	-28,086.52
	CHUZACHEN	257.264	262.326	9,347.895	0.00
	TUL	5,204.031	5,146.254	28,403.116	0.00
	DIKCHU	288.549	326.636	49,801.487	0.00
	THEP	477.032	453.344	-1,04,062.255	-9,413.91
	HVDC ALLIPURDUAR	-36.410	-11.690	58,119.665	0.00
	OPGC_INFORM	0.000	-113.494	-2,60,366.317	0.00
	MTPS-II	4,058.427	3,937.884	-2,61,925.875	0.00
NPGC_INFORM	0.000	-42.941	-97,436.082	0.00	
DARLIPALI_INFORM	0.000	62.626	1,04,749.597	0.00	
BR/CL U-III INFORM	0.000	-158.842	-3,70,127.005	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.
30/12/18	BSPHCL	-71,637.221	-71,305.115	-22,262.54	-61,314.28
	JUNNL	-18,348.834	-19,103.399	-19,38,534.04	-91,141.05
	DVC	29,529.507	28,751.915	-15,54,829.48	-4,087.15
	GRIDCO	-26,764.968	-27,633.156	-17,24,042.37	-1,68,520.23
	SIKKIM	-1,795.480	-1,567.206	4,21,782.77	-6,693.36
	WBSETCL	-23,299.693	-25,253.430	-38,24,794.76	-3,67,033.64
	NER	-2,987.375	7,275.342	212,45,227.54	-1,95,361.33
	NR	-35,653.173	-58,074.205	-442,12,546.80	-375,76,309.83
	SR	-37,220.257	-32,614.223	32,28,370.46	-200,08,488.67
	WR	3,432.947	21,414.686	422,23,409.09	-8,87,109.50
	FSTPP-I & II	34,237.147	33,993.012	-4,39,323.65	0.00
	KHSTPP-I	16,703.633	16,647.385	-91,706.24	0.00
	TSTPP	11,040.000	11,037.128	-3,721.36	0.00
	RANGIT	495.500	508.196	34,592.30	0.00
	CHPC	0.000	-180.623	-4,60,589.06	0.00
	KHPC	0.000	-350.881	-7,43,868.14	0.00
	THPC	1,613.790	-144.360	-37,27,277.15	0.00
	KHSTPP-II	28,987.927	28,983.463	72,405.388	0.00
	FSTPP-III	10,238.296	10,081.969	-2,50,098.339	0.00
	TEESTA	2,311.000	2,414.400	1,99,870.992	0.00
	MATHON R/B	22,582.000	22,498.509	-1,35,767.898	-687.72
	BARH	29,282.099	29,036.290	-1,90,625.655	0.00
	NVUN-NEPAL	-5,689.152	-6,354.624	-15,05,849.990	-99.30
	APNRL	5,195.072	5,118.545	-88,072.550	0.00
	GMRKEL	12,280.330	11,791.273	-6,37,736.717	-1,401.44
	JITPL	7,132.934	5,323.709	-50,08,125.776	-34,04,908.46
	TPCL	612.602	447.780	-3,45,036.43	0.00
	BRBCL	10,520.106	10,577.075	1,81,491.336	0.00
	TALCHER SOLAR	46.180	50.148	36,808.00	0.00
	JORETHANG HEP	392.032	382.592	8,605.27	-174.67
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-25.878	-1.052	53,168.76	-461.41
	VAE	-68.468	0.000	73,933.46	0.00
	NVUN	-10,367.912	-10,252.218	-1,45,085.048	-24,089.90
	CHUZACHEN	164.929	184.889	52,725.551	0.00
	TUL	4,256.731	4,229.818	30,030.040	0.00
	DIKCHU	288.549	293.545	12,294.209	0.00
	THEP	477.032	441.696	-69,515.035	-1,290.53
	HVDC ALIPURDUAR	-55.454	-11.870	94,139.762	-770.82
	OPGC INFIRM	0.000	-73.074	-1,71,706.110	0.00
	MTPS-II	6,625.173	6,541.552	-1,60,501.407	-1,016.60
	NPGC INFIRM	0.000	-40.608	-85,104.922	0.00
	DARLIPALI INFIRM	0.000	-35.260	-74,043.312	0.00
	BRBCL U-III INFIRM	0.000	-151.548	-3,21,616.132	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 24/12/18 TO 30/12/18	BSPHCL	-4,77,219.91	-4,82,619.35	-226,29,029.00	-33,47,106.72
	JUNNL	-1,19,037.12	-1,26,486.37	-223,32,327.00	-17,01,293.35
	DVC	1,47,521.54	1,31,422.26	-413,60,195.00	-95,34,776.45
	GRIDCO	-1,74,570.93	-1,85,940.54	-265,64,090.00	-46,23,969.11
	SIKKIM	-11,662.54	-11,689.24	-8,28,928.00	-15,558.09
	WBSETCL	-1,45,847.30	-1,53,297.37	-226,19,701.00	-24,66,114.73
	NER	-28,499.07	45,971.55	1659,44,013.00	0.00
	NR	-2,44,350.48	-3,84,836.74	-3066,58,422.00	0.00
	SR	-2,04,204.05	-2,45,081.26	-1327,06,761.00	0.00
	WR	-14,069.92	1,66,869.64	4391,23,234.00	0.00
	FSTPP-I & II	2,41,644.98	2,39,618.33	-34,18,871.92	0.00
	KHSTPP-I	1,18,542.04	1,17,573.02	-14,70,911.02	-4,509.53
	KHSTPP-II	2,12,803.33	2,12,908.23	11,65,800.52	-978.61
	TSTPP	56,145.88	55,151.94	-20,41,109.89	-16,556.62
	FSTPP-III	74,164.24	72,910.64	-24,68,514.45	-6,790.71
	TEESTA	19,411.08	20,434.18	24,39,218.00	-21,926.36
	MATHON R/B	1,52,608.19	1,52,123.60	-5,70,884.49	-687.72
	BARH	3,510.00	3,562.55	1,69,454.00	-234.96
	APNRL	1,92,010.13	1,90,300.25	-16,92,931.67	0.00
	NVUN-NEPAL	-39,824.06	-43,628.00	-87,45,625.00	-99.30
	APNRL	37,656.60	37,337.53	-5,53,062.00	-10,176.37
	GMRKEL	89,594.55	87,037.82	-22,14,406.00	-1,617.06
	JITPL	48,615.98	46,229.53	-64,47,694.00	-40,52,030.72
	TPCL	4,288.21	3,221.68	-23,72,219.00	0.00
	BRBCL	72,379.52	73,148.61	18,99,158.08	-11,962.42
	TALCHER SOLAR	393.56	394.99	9,631.00	0.00
	JORETHANG HEP	2,861.19	2,700.16	-1,02,295.00	-2,314.74
	IND Barath	0.00	0.00	0.00	0.00
	HVDC SASARAM	-181.15	-7.11	3,89,904.00	-1,843.22
	VAE	-5,687.41	0.00	108,24,824.18	0.00
	NVUN-BD	-60,600.22	-79,451.27	11,50,249.00	-2,03,990.85
	CHUZACHEN	1,982.12	1,978.08	16,775.00	-3,435.78
	TUL	37,340.49	37,162.98	5,92,024.40	0.00
	DIKCHU	2,075.73	2,170.27	2,24,093.58	-304.46
	THEP	3,465.87	3,194.21	-5,18,920.90	-12,974.48
	HVDC ALIPURDUAR	-361.72	-83.64	6,28,654.00	-3,081.87
OPGC INFIRM	0.00	-766.63	-17,36,980.55	0.00	
MTPS-II	47,765.37	46,357.46	-27,48,130.75	-1,66,926.65	
NPGC INFIRM	0.00	-494.48	-10,55,457.07	0.00	
DARLIPALI INFIRM	0.00	367.41	5,06,275.79	0.00	
BRBCL U-III INFIRM	0.00	-812.76	-18,18,301.65	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: 11/01/2019

RRAS Account for Week: 24-Dec-18 to 30-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	1798.53300	1501775	4357843	899267	6758887
2	FSTPP-III	460.25000	692216	1122550	230125	2044890
3	KHSTPP-I	339.30200	361357	758001	169652	1289008
4	KHSTPP-II	1633.78400	1793895	3488128	816893	6098913
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	382.25000	712896	770998	191125	1675020
7	BRBCL	278.01200	674458	509875	139006	1323339
8	MTPS-II	2383.51000	5598865	6101785	1191755	12892404
	Total	7275.64100	11335462	17109180	3637823	32082461

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	8.75000	16048	12036
2	MTPS-II	314.29125	804586	603439
3	FSTPP I & II	510.50000	1236942	927706
4	FSTPP-III	239.65239	584512	438384
5	KHSTPP-I	191.00000	426694	320021
6	KHSTPP-II	18.00000	38430	28823
7	TSTPP-I	24.75000	47966	35974
8	BARH	117.25000	236493	177370
	Total	1424.19364	3391670	2543752

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	1798.53300	973491	BSPHCL
			59202	JUVNL
			91986	SIKKIM
			31126	ASSAM
			73189	DELHI
			37316	HARYANA
			64334	RAJASTHAN
			171131	UP
2	FSTPP-III	460.25000	683805	BSPHCL
			8411	GRIDCO
3	KHSTPP-I	339.30200	16181	BSPHCL
			12130	SIKKIM
			145367	DELHI
			40	HARYANA
			92673	RAJASTHAN
			94966	UP
4	KHSTPP-II	1633.78400	95646	CHATTISGARH
			139900	DELHI
			296880	GUJARAT
			14575	HP
			640298	MAHARASHTRA
			28805	MP
			16112	PUNJAB
			277447	RAJASTHAN
			187297	UP
			96935	UTTARAKHAND
5	TSTPP-I	0.00000	0	-
6	BARH	382.25000	637402	JUVNL
			75494	SIKKIM
7	BRBCL	278.01200	270641	BIHAR_RAILWAYS
			114713	MAHARASHTRA RAILWAYS
			289104	MP RAILWAYS
8	MTPS-II	2383.51000	1938202	BSPHCL
			3277038	GRIDCO
			380663	WBSETCL
			2962	TS_TRANSCO
Total		7275.64100	11335462	

A) RRAS settlement account for the week 24-Dec-18 to 30-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-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.

EASTERN REGIONAL POWER COMMITTEE, KOLKATA-700033

FRAS Settlement Account by ERPC

Date: 11/01/2019

FRAS Account for Week: 24-Dec-18 to 30-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	3.42	0.83	4.25	425	425
2	RANGIT	1.00	0.00	1.00	100	100

A) FRAS settlement account for the week 24-Dec-18 to 30-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.