



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



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NO: ERPC/COM-II/ABT-DC/2016/

Date: 10.01.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 19.12.2016 to 25.12.2016

Sir,

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 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,

(A.K.BANDYOPADHYAY)
MEMBER SECRETARY

List of Addressee

1. CE (Trans/O&M), BSEB, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSEB, Vidyut Bhavan, 3rd Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JSEB, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JSEB, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (CLD), DVC, Maithon Dam, Dist. Dhanbad, Jharkhand-7 (Fax: 06540-274836 / 274838).
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. CE (Trans.), Deptt. Of Power, Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (CLD), WBSETCL, PO. Danesh Sheikh Lane, Howrah-9. (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, Gongga, 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. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1st Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
25. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
26. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneshwar- 751 007(Fax: 0674- 2572794)
27. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
28. AGM, SO, NVVN, Core-3, 7th floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
31. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

**ABT based Deviation Charge Account
For the period 19.12.2016 TO 25.12.2016
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
BSPHCL	293.62658	72.56790	366.19448	DVC	7.19813	5.19491	2.00321
JUVNL	310.65337	85.54875	396.20212	GRIDCO	74.26802	11.96561	62.30241
WBSETCL	198.01724	14.89191	212.90915	SIKKIM	9.68371	0.24383	9.43988
NR	1444.95042	0.00000	1444.95042	NER	1300.76878	0.00000	1300.76878
SR	231.23201	0.00000	231.23201	WR	787.34460	0.00000	787.34460
FSTPP I&II	39.71461	0.34367	40.05828	HVDC SASARAM	1.00510	0.01344	0.99166
KHSTPP-I	29.64171	0.03162	29.67333	BRBCL	261.16367	0.00000	261.16367
TALCHER SOLAR	2.10190	0.00000	2.10190	RANGIT	4.81378	0.05594	4.75784
TSTPP	5.32595	1.33518	6.66113	JORETHANG LOOP HEP	2.73437	0.01721	2.71717
NVVN-NEPAL	1.47409	0.05204	1.52613	GMRKEL	13.26725	0.00156	13.26570
IND BARATH	1.27549	0.00000	1.27549	CHUZACHEN	0.55267	0.01340	0.53928
TPTCL	39.72291	0.00000	39.72291	TEESTA	15.57489	0.00065	15.57424
KHSTPP-II	12.07964	0.04684	12.12648	JITPL	22.64932	0.92057	21.72875
FSTPP-III	1.45733	0.02673	1.48406	MAITHON R/B	14.36306	0.06469	14.29837
APNRL	14.12672	5.99627	20.12299	Adj. for NER(5th EMI)	74.33432	0.00000	74.33432
NVVN-BD	6.56181	0.64568	7.20749	Adj. for GRIDCO for 01.12.16-03.12.16	0.55699	0.00000	0.55699
BARH	55.40959	0.20850	55.61810				
Adj. for NR for 01.12.16-03.12.16	0.67857	0.00000	0.67857				
TOTAL	2688.04993	181.69511	2869.74504		2590.27867	18.49179	2571.78688

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

200.18691

(All figures in Rs. Lakhs)

Payable to the pool(A):	2688.04993
Payable from the pool(B):	2590.27867
Differential Amount Arising from capping of Thermal Power Stations(A-B)	97.77125
Additional Deviation Amount:	200.18691
VAE of Eastern Region:	52.86164

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** : ER end of Raipur- Rourkela 400kV D/C & Budipadar-Korba 220 kV lines.
- c) **Southern Region** : Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
- d) **North Eastern Region** : NER end of 220 kV Birpara -Salakati D/C and 400 kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2465A) has been used as master frequency meter.

iii) Deviation charges for the week 03/10/16-09/10/16 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 2.30% 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) Commercial operation of Unit # 7 of KHSTPP-II started from 00.00 hrs of 20/03/10.

viii)The mismatch between receivable / payable of 'Deviation Charge' account of the week have been adjusted to ZERO among the beneficiaries of Eastern Region.

ix) As informed by ERLDC, commercial operation of FSTPP U-6 has started w.e.f 00.00 hrs of 04/04/12.

ix) As informed by ERLDC, commercial operation of FSTPP U-6 has started w.e.f 00.00 hrs of 04/04/12.

x) As informed by ERLDC, segregation of KHSTPP STG I & II is done w.e.f 01.04.2011.

xi)As informed by ERLDC, COD of APNRL U-2 started w.e.f 00.00 hrs of 19.05.2013.

xii) As informed by ERLDC, Barh(NTPC) has started injecting infirm power w.e.f 22/11/13.

xiii) As informed by ERLDC, COD of Maithon Right Bank TPP started w.e.f 01/09/11.

xiv) As informed by ERLDC, IND BHARAT has been included in the pool from 12.11.2014

xv) As informed by ERLDC,COD of **Chuzachen (GATI) U1&2** started w.e.f. 0000 hrs of 18.05.2013

xvi) As informed by ERLDC, GMRKEL became pool member of Eastern Region w.e.f 31.03.14. Henceforth GMRKEL shall be reflected as separate entity in subsequent bills.

xvii) As informed by ERLDC, COD of Talcher Solar started and JITPL synchronised w.e.f 28.03.14

xviii) As informed by ERLDC, power export to Bangladesh started w.e.f 27.09.13 through 400kV Behrampore(IND) - Bheramara(BANGLADESH). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

xix) As informed by ERLDC , GMRKEL U#2 started start up power drawal/ infirm power injection w.e.f 08.12.14.

xx) As informed by ERLDC, BARH U#5 started start up power drawal/ infirm power injection

xxi) As informed by ERLDC, JITPL U#2 started commercial operation w.e.f 00.00 hrs of 12.02.2015.

xxii) As informed by ERLDC, U#1(48MW) of Jorethang Loop HEP starting injecting infirm power wef 00.00 hrs of 20.09.15 and the same has been declared commercial wef 00.00 hrs of 26.09.15.U#2 of the same project declared commercial wef 00.00 hrs of 01.10.15.

xxiii) As informed by ERLDC, Scheduling of Dagachu Hydro Power Station of Bhutan started w.e.f 21.02.2015. TPTCL, being the nodal agency for this power transaction, shall be the pool member for the purpose of Deviation Pool Account.

xxiv) As informed by ERLDC, power export to Nepal started w.e.f 17.02.16 through 132kV Muzaffarpur(IND) - Dhalkebar (Nepal). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

xxv) No comments from ERLDC for the week have been received regarding gaming. Revision , if any, would be carried out after receipt of such comments from ERLDC.

xxvi)As per CERC order No. 1/14/2015, dated 07/08/2015, Deviation Accounting of 10MW Talcher Solar has commenced w.e.f 01/11/2015

xxvii) As per SOR of CERC (Ancillary Services Operation) Regulation 2015, DSM Accounting of VAE has been done and reflected accordingly.

xxviii) As informed by ERLDC, HVDC SASARAM has been included in the pool from the week of 22.08.2016 to 28.08.2016 and reflected accordingly.

xxix) In compliance with CERC order dated on 13.06.2016 on petition No. 150/MP/2015(Clause No 8), the total amount along with the interest will be payable to Assam Power Distribution Company Limited in six equated monthly installments. Accordingly the 5th EMI has been calculated and reflected in this statement as adjustment of NER Deviation Charges from Deviation Pool Account fund of Eastern Region.

xxx) Adjustment for NR and GRIDCO has been done due to revision of schedule for 01.12.16-03.12.16

MEMBER SECRETARY

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 19/12/2016 to 25/12/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
19/12/2016	BSPHCL	-55875.26	-59092.56	-6860756.83	2148606.28
	JUVNL	-13482.72	-15708.05	-4679058.11	1506405.40
	DVC	35548.30	34758.39	-1773815.93	21467.98
	GRIDCO	-17872.28	-16906.24	1032892.49	45982.95
	SIKIM	-1378.76	-1348.99	28785.31	0.00
	WBSSETCL	-19244.80	-20235.10	-1415053.14	220897.38
	NER	-2836.22	7273.57	19257387.37	0.00
	NR	-56886.52	-76631.52	-36660923.51	27286425.52
	SR	1599.96	-14086.70	-29797821.90	26122495.16
	WR	-31668.50	-2944.84	54399625.80	0.00
	HVDC SASARAM	-26.64	-21.82	9372.02	0.00
	FSTPP I&II	19972.56	19563.08	-864488.15	18519.40
	BRBCL	0.00	3768.87	5577561.91	0.00
	KHSTPP-I	16455.23	16185.02	-482657.81	0.00
	TALCHER SOLAR	45.19	42.20	-27970.99	0.00
	TSTPP	10868.65	10836.36	-57841.99	0.00
	NVVN-NEPAL	-1909.68	-1911.57	18389.93	0.00
	RANGIT	555.00	587.75	73300.49	0.00
	IND BARATH	0.00	-1.53	-11103.70	0.00
	JORETHANG LOOP HEP	457.36	501.76	78045.81	0.00
	TPTCL	1051.69	735.23	-605603.86	0.00
	KHSTPP-II	30518.71	30650.77	253289.21	0.00
	GMRKEL	7690.27	7674.33	136841.29	0.00
	FSTPP-III	9461.79	9570.76	121403.83	0.00
	CHUZACHEN	470.20	472.67	-6459.03	1339.61
	TEESTA	3435.00	3545.16	234192.48	0.00
	JITPL	18223.11	18665.45	709792.73	0.00
	MAITHON R/B	22094.31	22151.02	169444.38	0.00
	APNRL	5798.37	5814.84	42317.83	0.00
	NVVN-BD	-10248.83	-10421.16	-393341.32	0.00
	BARH	27365.69	26703.38	-1147893.36	178.87
	VAE	-751.46	0.00	1538344.00	0.00
	TALA	5040.00	2505.96	-5017406.65	0.00
	CHUKHA	1152.00	2923.01	3984771.32	0.00
KIRICHU	96.00	-132.99	-453395.45	0.00	
20/12/2016	BSPHCL	-56446.45	-59149.99	-6591655.38	2159440.62
	JUVNL	-14306.45	-16555.08	-4903162.53	1681263.09
	DVC	31740.48	29590.35	-4398438.12	295140.80
	GRIDCO	-16568.38	-14396.18	2383455.47	26759.36
	SIKIM	-1345.95	-1364.13	-29202.85	0.00
	WBSSETCL	-2221.49	-24116.82	-3648774.53	39965.61
	NER	-2954.44	7055.50	20284229.90	0.00
	NR	-62794.88	-74376.44	-26145796.42	18594962.75
	SR	-9777.95	-14428.56	-10506378.69	11052049.66
	WR	-14429.58	-2968.82	26931278.88	1017833.20
	HVDC SASARAM	-26.64	-21.44	10649.02	0.00
	FSTPP I&II	21252.59	21013.20	-458505.97	0.00
	BRBCL	0.00	3551.24	5281344.02	0.00
	KHSTPP-I	16128.38	15847.81	-523367.91	0.00
	TALCHER SOLAR	45.19	43.10	-19543.42	0.00
	TSTPP	10682.89	10760.21	221682.92	0.00
	NVVN-NEPAL	-1909.68	-1915.14	-22997.73	0.00
	RANGIT	654.00	686.34	90876.66	0.00
	IND BARATH	0.00	-7.64	-17595.34	0.00
	JORETHANG LOOP HEP	519.65	564.45	83028.63	0.00
	TPTCL	1026.96	733.74	-592375.62	0.00
	KHSTPP-II	30753.36	30848.13	297268.85	0.00
	GMRKEL	7684.97	7676.07	110449.92	0.00
	FSTPP-III	9404.00	9377.31	6258.72	0.00
	CHUZACHEN	454.53	423.67	-19636.23	0.00
	TEESTA	3183.00	3292.69	230080.44	0.00
	JITPL	22563.92	22870.91	582662.89	0.00
	MAITHON R/B	22043.13	22094.33	221148.58	0.00
	APNRL	5855.37	5835.71	-61514.91	0.00
	NVVN-BD	-10075.80	-10062.76	-91738.46	1499.75
	BARH	27832.30	27342.87	-954942.52	0.00
	VAE	-159.72	0.00	283130.97	0.00
	TALA	5850.25	2494.04	-6645291.82	0.00
	CHUKHA	1032.00	2909.11	4223502.99	0.00
KIRICHU	96.00	-153.07	-493162.56	0.00	
21/12/2016	BSPHCL	-57244.52	-59088.57	-4725625.59	1623315.55
	JUVNL	-13670.13	-15890.99	-4663131.17	1705049.87
	DVC	33276.41	33636.63	1031354.32	6492.02
	GRIDCO	-13583.98	-13277.27	-406596.76	447886.49
	SIKIM	-1429.75	-1388.56	70314.32	4810.27
	WBSSETCL	-19732.61	-20490.91	-1183560.35	129933.91
	NER	-3400.74	7359.77	21833857.61	185296.64
	NR	-68666.64	-75789.31	-15688136.92	12372471.28
	SR	-26593.37	-17900.40	16176889.10	1756529.04
	WR	10865.25	1711.85	-15732850.84	18303516.22
	HVDC SASARAM	-26.64	-21.78	9864.68	76.63
	FSTPP I&II	23171.05	22729.94	-956813.92	13924.59
	BRBCL	0.00	3229.85	4882151.51	0.00
	KHSTPP-I	17464.94	17001.79	-849410.89	2441.48
	TALCHER SOLAR	45.19	46.45	11720.69	0.00
	TSTPP	10634.00	10636.64	-7274.30	2586.88
	NVVN-NEPAL	-1909.68	-1947.76	-70360.65	1779.47
	RANGIT	564.00	609.81	97268.46	51.26
	IND BARATH	0.00	-7.35	-18499.69	0.00
	JORETHANG LOOP HEP	507.64	546.98	210071.14	262.55
	TPTCL	1028.68	727.78	-606482.54	0.00
	KHSTPP-II	31300.32	31186.09	-116982.72	0.00
	GMRKEL	7651.43	7682.40	146158.74	0.00
	FSTPP-III	9230.56	9184.69	-77197.83	0.00
	CHUZACHEN	406.11	413.03	17454.65	0.00
	TEESTA	2718.00	2815.42	203312.30	0.00
	JITPL	12354.47	12613.09	335028.37	5194.76
	MAITHON R/B	21711.63	21849.75	376047.41	0.00
	APNRL	5855.37	5870.18	33766.61	1076.90
	NVVN-BD	-10238.39	-10188.95	71228.78	5132.49
	BARH	26809.65	26323.20	-1038153.36	16121.00
	VAE	-318.15	0.00	758775.56	0.00
	TALA	5824.25	2455.34	-6670449.30	0.00
	CHUKHA	1032.00	2863.97	4121921.30	0.00
KIRICHU	96.00	-121.95	-431541.00	0.00	

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
22/12/2016	BSPHCL	-58811.50	-60315.88	-2991190.42	235919.48
	JUVNL	-14695.67	-16386.06	-3119649.47	1153283.94
	DVC	32982.63	34642.50	2358132.76	0.00
	GRIDCO	-15578.18	-14682.14	974384.68	35985.11
	SIKIM	-1474.25	-1353.59	184725.81	4376.84
	WBSETCL	-17090.25	-18192.23	-1538793.93	192541.43
	NER	-3916.60	7157.08	18506968.56	148824.39
	NR	-66102.14	-79012.50	-22507397.02	17323405.81
	SR	-6913.72	-14573.08	-13064239.98	12232600.28
	WR	-15324.40	-4525.46	18990409.11	2439281.99
	HVDC SASARAM	-26.64	-18.48	13597.82	200.78
	FSTPP I&II	28490.32	28131.57	-542444.21	0.00
	BRBCL	0.00	3312.13	4445051.21	0.00
	KHSTPP-I	16346.58	16034.68	-529680.54	0.00
	TALCHER SOLAR	45.19	46.11	8623.04	0.00
	TSTPP	10025.00	9975.70	-65330.57	0.00
	NVVN-NEPAL	-1909.68	-1916.28	-3026.27	0.00
	RANGIT	591.00	618.11	47931.06	0.00
	IND BARATH	0.00	-11.49	-21342.57	0.00
	JORETHANG LOOP HEP	566.86	521.34	-12140.85	1037.40
	TPTCL	1045.70	710.60	-561339.09	0.00
	KHSTPP-II	30416.54	30067.82	-432473.53	0.00
	GMRKEL	11111.06	11197.24	472523.81	0.00
	FSTPP-III	8863.16	8799.91	-123268.46	0.00
	CHUZACHEN	403.59	408.15	9765.61	0.00
	TEESTA	3306.00	3414.51	245183.53	0.00
	JITPL	12814.52	12874.98	106842.84	0.00
	MAITHON R/B	21678.88	21669.53	78085.32	0.00
	APNRL	5888.37	5865.82	-55773.20	5437.90
	NVVN-BD	-10401.00	-10256.15	231321.31	19490.31
	BARH	26935.98	26565.38	-594370.83	0.00
	VAE	343.02	0.00	-909442.94	0.00
	TALA	5016.00	2341.01	-5296474.94	0.00
CHUKHA	1032.00	2730.62	3821884.24	0.00	
KIRICHU	96.00	-134.53	-456446.23	0.00	
23/12/2016	BSPHCL	-60498.13	-61041.32	-1962375.84	174256.10
	JUVNL	-14809.02	-16953.47	-4185845.29	790421.47
	DVC	31470.36	32426.48	568694.91	110511.82
	GRIDCO	-17678.37	-16747.57	1004998.18	51668.60
	SIKIM	-1359.04	-1439.52	-134268.73	0.00
	WBSETCL	-18665.86	-19292.43	-971901.90	132966.69
	NER	-3534.20	5882.21	17350161.72	0.00
	NR	-60501.45	-72410.18	-22283702.91	14580250.34
	SR	-15122.72	-14373.89	135045.31	3397608.63
	WR	-8180.90	-6385.37	5248528.80	3634816.23
	HVDC SASARAM	-26.13	-15.07	20478.97	0.00
	FSTPP I&II	29352.99	29061.02	-512373.71	0.00
	BRBCL	0.00	3650.82	5205645.48	0.00
	KHSTPP-I	15632.74	15545.96	-85020.07	0.00
	TALCHER SOLAR	45.28	39.91	-50135.38	0.00
	TSTPP	9896.75	9863.84	-31798.98	0.00
	NVVN-NEPAL	-1909.68	-1914.49	-33307.90	0.00
	RANGIT	573.00	594.35	44506.93	0.00
	IND BARATH	0.00	-7.78	-19088.19	0.00
	JORETHANG LOOP HEP	543.60	534.98	9457.07	8.32
	TPTCL	1011.19	703.03	-577682.64	0.00
	KHSTPP-II	29530.11	29237.58	-506358.54	0.00
	GMRKEL	12708.12	12819.85	721002.22	0.00
	FSTPP-III	8580.70	8576.67	6161.12	0.00
	CHUZACHEN	405.60	410.53	11074.53	0.00
	TEESTA	3306.00	3414.69	266773.36	0.00
	JITPL	12470.30	12575.20	325470.19	69020.46
	MAITHON R/B	21434.25	21573.45	426710.68	0.00
	APNRL	5903.37	5840.80	-125572.50	0.00
	NVVN-BD	-7506.45	-7611.67	-301540.58	38445.56
	BARH	27295.17	26744.07	-974498.64	4550.61
	VAE	-1489.79	0.00	2816039.36	0.00
	TALA	6456.00	2194.66	-8437462.72	0.00
CHUKHA	312.00	2559.90	5057775.54	0.00	
KIRICHU	264.00	-179.79	-878706.58	0.00	
24/12/2016	BSPHCL	-59310.62	-58932.56	-251001.16	95061.41
	JUVNL	-14949.80	-17022.77	-3297611.24	615726.32
	DVC	32174.46	34187.29	2044991.85	1204.24
	GRIDCO	-16891.17	-16804.38	193668.10	166728.08
	SIKIM	-1309.91	-1411.15	-128678.67	0.00
	WBSETCL	-18050.30	-19347.89	-164531.53	363469.11
	NER	-3866.10	6212.11	15944911.00	333856.44
	NR	-63524.96	-71059.58	-12110583.74	6141698.20
	SR	-9411.50	-10438.80	-1947072.76	4108178.75
	WR	-12159.45	-9992.01	2376048.24	1621287.57
	HVDC SASARAM	-26.09	-14.84	17650.87	395.69
	FSTPP I&II	28515.20	28207.65	-441745.41	1771.51
	BRBCL	0.00	672.24	951100.92	0.00
	KHSTPP-I	15960.60	15777.56	-283612.90	0.00
	TALCHER SOLAR	45.28	38.94	-59324.71	0.00
	TSTPP	10708.42	10681.08	-24237.47	3874.30
	NVVN-NEPAL	-1909.68	-1883.03	42916.03	3353.88
	RANGIT	537.00	566.83	51659.31	0.00
	IND BARATH	0.00	-13.60	-22645.86	0.00
	JORETHANG LOOP HEP	542.60	499.87	-25204.26	5.87
	TPTCL	1003.45	701.89	-471220.61	0.00
	KHSTPP-II	30153.10	29865.94	-315208.04	680.82
	GMRKEL	12762.81	12619.49	99335.45	0.00
	FSTPP-III	8451.88	8428.77	-27339.88	0.00
	CHUZACHEN	414.17	417.19	5797.04	0.00
	TEESTA	3306.00	3416.95	186373.95	0.00
	JITPL	11851.95	11932.80	184711.05	0.00
	MAITHON R/B	21476.25	21469.85	43774.43	0.00
	APNRL	5650.32	5154.40	-947488.09	592815.71
	NVVN-BD	-7594.50	-7550.25	9459.11	0.00
	BARH	25223.42	24925.64	-384443.06	0.00
	VAE	-481.98	0.00	799316.86	0.00
	TALA	6336.00	2300.93	-7989447.75	0.00
CHUKHA	0.00	2683.86	6038676.94	0.00	
KIRICHU	168.00	-100.97	-532566.14	0.00	

ERP, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 19/12/2016 to 25/12/2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
25/12/2016	BSPHCL	-58478.45	-60440.08	-3693605.81	820190.76
	JUVNL	-14936.16	-17318.53	-4334057.51	1102724.94
	DVC	30310.71	32991.37	1976812.45	84674.34
	GRIDCO	-15357.81	-15666.34	-775353.52	421550.78
	SIKIM	-1452.12	-1261.28	247559.41	15195.86
	WBSETCL	-20148.28	-20211.37	104308.23	49727.62
	NER	-4187.41	6876.77	16899362.13	533173.69
	NR	-56194.58	-62179.66	-9098501.90	5786977.25
	SR	-8199.30	1959.86	15880447.75	317638.41
	WR	-7175.52	-15972.91	-13478779.69	11577516.05
	HVDC SASARAM	-26.64	-14.60	18896.51	670.44
	FSTPP I&II	27861.44	27653.85	-195089.22	151.84
	BRBCL	0.00	-142.95	-226497.73	0.00
	KHSTPP-I	15205.20	15018.11	-210420.89	720.62
	TALCHER SOLAR	45.28	37.41	-73558.83	0.00
	TSTPP	6941.34	6536.63	-567794.31	127057.08
	NVVN-NEPAL	-1909.68	-1922.80	-79022.52	70.67
	RANGIT	559.50	598.24	75835.41	5542.92
	IND BARATH	0.00	-8.44	-17273.27	0.00
	JORETHANG LOOP HEP	542.60	504.13	-69820.24	406.56
	TPTCL	1053.84	692.96	-557586.45	0.00
	KHSTPP-II	25513.29	25169.01	-387499.28	4003.36
	GMRKEL	12480.24	11944.51	-359586.09	155.82
	FSTPP-III	8343.06	8311.30	-51750.41	2673.49
	CHUZACHEN	304.19	319.70	37270.58	0.00
	TEESTA	3306.00	3410.80	191572.94	64.72
	JITPL	10920.65	10993.09	20423.72	17841.43
	MAITHON R/B	20852.38	20842.04	121095.08	6468.67
	APNRL	5939.37	5780.95	-298408.11	296.12
	NVVN-BD	-7450.23	-7569.82	-181569.54	0.00
	BARH	24663.77	24377.45	-446657.50	0.00
	VAE	0.00	0.00	0.00	0.00
	TALA	6000.00	2245.81	-7433289.28	0.00
CHUKHA	0.00	2619.57	5894038.24	0.00	
KIRICHU	168.00	-105.70	-541918.08	0.00	

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 19/12/2016 TO 25/12/2016	BSPHCL	-406664.94	-418060.95	-29362657.85	-7256790.20
	JUVNL	-100849.93	-115834.95	-31065336.89	-8554875.03
	DVC	227503.35	232233.01	719812.62	-159491.23
	GRIDCO	-113530.17	-108480.11	7426801.91	-1196561.37
	SIKIM	-9749.77	-9567.20	968371.15	-24382.97
	WBSETCL	-135203.59	-142086.74	-19801723.53	-1489191.45
	NER	-24695.70	47817.01	130076878.29	-1201151.15
	NR	-434671.16	-511459.20	-144495042.41	-102086191.14
	SR	-74418.60	-83841.56	-23123201.17	-58987099.93
	WR	-78073.10	-41077.56	78734460.30	-38594251.26
	HVDC SASARAM	-185.42	-128.01	100509.89	-1343.54
	FSTPP I&II	178616.15	176360.31	-3971460.59	-34367.33
	BRBCL	0.00	18042.20	26116367.31	0.00
	KHSTPP-I	113193.67	111410.92	-2964171.00	-3162.10
	TALCHER SOLAR	316.59	294.12	-210189.60	0.00
	TSTPP	69757.05	69290.47	-532594.71	-133518.25
	NVVN-NEPAL	-13367.76	-13411.08	-147409.12	-5204.01
	RANGIT	4033.50	4261.43	481378.33	-5594.18
	IND BARATH	0.00	-57.82	-127548.63	0.00
	JORETHANG LOOP HEP	3680.32	3673.50	-27347.30	-1720.70
	TPTCL	7221.51	5005.24	-3972290.81	0.00
	KHSTPP-II	208185.43	207025.33	-1207964.05	-4684.18
	GMRKEL	72088.90	71613.89	1326725.35	-155.82
	FSTPP-III	62335.15	62249.40	-145732.92	-2673.49
	CHUZACHEN	2858.37	2864.93	55267.14	-1339.61
	TEESTA	22560.00	23310.22	1557488.99	-64.72
	JITPL	101198.90	102525.53	2264931.79	-92056.65
	MAITHON R/B	151290.81	151649.96	1436305.87	-6468.67
	APNRL	40890.54	40162.69	-1412672.37	-599626.63
	NVVN-BD	-63515.20	-63660.76	-656180.69	-64568.12
	BARH	186125.99	182982.03	-5540959.28	-20850.48
	VAE	-2858.08	0.00	5286163.81	0.00

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

Format -AS7: RRAS Settlement Account by ERPC

Date:10/01/2017

RRAS Account for Week: 19.12.16 TO 25.12.16

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	1550.53312	1221820	3763144	775267	5760231
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	192.75000	195834	453155	96375	745364
4	KhSTPP-II	723.15788	836694	1610473	361579	2808745
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	1299.85905	2482731	3449826	649930	6582486

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation

Sr.No	RRAS Provider Name	Energy Scheduled from 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	FSTPP I& II	127.640000	309782	232337
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	174.000000	409074	306806
4	KhSTPP-II	124.500000	277262	207946
5	TSTPP-I	15.750000	26003	19502
6	BARH STPP-II	340.750000	904351	678263

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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	1550.533120	314289	GRIDCO
			873310	WBSEB
			1677	SIKKIM
			23694	DELHI
			3490	PUNJAB.
			5361	HARYANA
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	192.750000	14703	BSEB
			33712	GRIDCO
			4489	SIKKIM
			44704	UP
			38496	DELHI
			21789	PUNJAB.
4	KhSTPP-II	723.157875	37941	HARYANA
			32054	BSEB
			70	DVC
			38014	GRIDCO
			66707	DELHI
			586	PUNJAB.
			140	HP
			361	M.P
			184554	CHHATISGARH
493111	MAHA RASHTRA			
21098	GUJRAT			
5	TSSTPP-I	0	0.000	0.000
6	BARH STPP-II	1299.859048	83569	BSEB
			1956551	GRIDCO
			442610	SIKKIM

A) RRAS settlement account for the week 19.12.16 TO 25.12.16 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.