



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



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

Date: 08.11.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 17.10.2016 to 23.10.2016

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,

-Sd/-
(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, Loknaya 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. 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 17.10.16 TO 23.10.16**

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	155.32541	28.48164	183.80705	DVC	106.92743	10.98971	95.93772
JUVNL	258.65537	39.75725	298.41262	GRIDCO	9.65616	30.07581	-20.41965
WBSETCL	18.87025	3.73901	22.60926	SIKKIM	41.07093	0.27191	40.79902
NER	2731.88948	0.00000	2731.88948	NR	1166.07009	0.00000	1166.07009
SR	42.91252	0.00000	42.91252	WR	1741.55295	0.00000	1741.55295
FSTPP I&II	29.33882	0.86007	30.19888	HDVC SASARAM	1.94227	0.01014	1.93213
BRBCL	5.63013	0.00000	5.63013	TALCHER SOLAR	5.39574	0.00000	5.39574
KHSTPP-I	32.46197	0.28677	32.74875	TSTPP	8.07349	0.53431	7.53918
NVVN-NEPAL	0.00000	0.00000	0.00000	RANGIT	11.67445	0.04725	11.62720
IND BARATH	1.58960	0.00000	1.58960	GMRKEL	70.82982	0.00000	70.82982
JORETHANG LOOP HEP	10.77344	0.73813	11.51157	CHUZACHEN	1.28977	0.00111	1.28865
TPTCL	13.94194	0.00956	13.95150	TEESTA	41.39965	0.05308	41.34658
KHSTPP-II	7.78679	0.00000	7.78679	JITPL	56.15108	27.95068	28.20040
FSTPP -III	6.38790	0.00000	6.38790	MAITHON R/B	39.38991	0.00000	39.38991
APNRL	13.81084	6.15795	19.96878	VEDANTA	0.17539	0.00647	0.16892
BARH	151.69481	8.91885	160.61366	NVVN-BD	2.48412	0.10222	2.38190
Adjustment of GRIDCO	13.17470	0.00000	13.17470	Adjustment of NER(3rd EMI)	74.33432	0.00000	74.33432
				Adjustment of BSPHCL, WBSETCL JUVNL and NER	17.90888	0.00000	17.90888
				VAE OF EASTERN REGION	105.07025		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-7.15272		
TOTAL	3494.24398	88.94922	3583.19320		3494.24398	70.04268	3326.28376

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

158.99190

ISSUANCE OF DEVIATION ACCOUNT FOR THE WEEK HAS BEEN DELAYED DUE TO DELAYED SUBMISSION OF SCHEDULE OF THE WEEK BY ERLDC

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.

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

iii) Deviation charges for the week 17/10/16-23/10/16 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 2.26% 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 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.

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) The adjustment of GRIDCO,WBSETCL,BSPHCL,JUVNL & NER has been done due to revision of schedules for 27.08.16, 28.08.16, 12.09.16 and 13.09.16.

xxx) 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 3rd EMI has been calculated and reflected in this statement as adjustment of NER Deviation Charges from Deviation Pool Account fund of Eastern Region.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 17/10/2016 to 23/10/2016

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.	
17/10/16	BSPHCL	-68,606.578	-68,759.234	-255,353.27	-84,950.60	
	JUVNL	-15,998.498	-16,855.330	-1,490,867.32	-98,255.73	
	DVC	19,398.018	18,258.087	-2,593,249.26	-768,567.92	
	GRIDCO	-17,344.522	-17,110.354	279,622.49	-84,525.05	
	SIKKIM	-1,688.347	-1,076.829	1,354,158.33	0.00	
	WBSETCL	-33,766.203	-33,564.227	715,602.79	-24,071.19	
	NER	2,808.283	-24,741.889	-58,546,278.89	-55,000,318.97	
	NR	-69,911.700	-56,936.132	24,844,926.33	-4,942.67	
	SR	-12,375.293	-11,152.000	2,443,532.69	-3,027,183.73	
	WR	-10,615.043	2,435.563	29,093,549.80	-35,344.31	
	FSTPP-I & II	27,925.037	27,757.883	-367,214.69	0.00	
	KHSTPP-I	14,137.509	13,875.813	-479,249.32	-7,881.09	
	TSTPP	21,166.835	21,162.766	3,091.07	0.00	
	RANGIT	1,449.000	1,528.874	170,371.44	0.00	
	CHPC	6,000.000	11,649.447	12,711,255.83	0.00	
	KHPC	1,440.000	2,178.198	1,461,632.04	0.00	
	THPC	24,480.000	18,223.228	-12,388,409.04	0.00	
	KHSTPP-II	25,844.279	25,704.071	-104,459.49	0.00	
	FSTPP-III	8,295.925	8,237.643	-92,483.83	0.00	
	TEESTA	12,114.000	12,414.945	652,139.59	0.00	
	MAITHON R/B	21,384.375	21,465.781	248,314.45	0.00	
	Vedanta	0.000	2.227	2,989.985	0.00	
	BARH	22,177.713	21,369.927	-1,733,812.400	0.00	
	NVVN-NEPAL	0.000	0.000	0.000	0.00	
	APNRL	5,659.400	5,701.745	82,445.622	0.00	
	GMRKEL	14,386.530	14,371.418	127,384.530	0.00	
	JITPL	14,778.110	15,006.982	440,518.30	-118.32	
	TPTCL	1,467.360	1,473.760	13,631.30	0.00	
	BRBCL	0.000	-42.309	-90,640.679	0.00	
	TALCHER SOLAR	23.568	35.320	105,795.16	0.00	
	JORETHANG HEP	2,291.940	2,079.888	-423,433.20	-39,876.05	
	IND Barath	0.000	-8.509	-22,676.42	0.00	
	HVDC SASARAM	-26.640	-16.401	23,201.129	0.000	
	VAE	-841.156	0.000	1,713,569.174	0.000	
	NVVN	-11,965.573	-12,002.291	-88,948.511	0.00	
	CHUZACHEN	2,270.230	2,276.946	13,839.786	0.00	
	18/10/16	BSPHCL	-66,601.093	-68,355.941	-3,787,656.24	-45,126.53
		JUVNL	-16,414.398	-17,817.744	-2,862,764.79	-361,986.36
		DVC	25,867.891	25,957.703	-223,650.53	-75,677.52
		GRIDCO	-15,217.367	-17,204.116	-3,972,893.69	-1,147,316.77
		SIKKIM	-1,486.227	-1,100.167	780,990.83	0.00
WBSETCL		-37,102.713	-37,325.366	76,250.38	-17,006.09	
NER		2,349.718	-19,225.537	-47,052,887.73	-43,536,542.61	
NR		-76,229.252	-58,485.777	35,319,677.22	0.00	
SR		-21,675.850	-20,282.618	2,834,530.51	-3,189,624.87	
WR		-766.220	3,060.801	10,117,353.26	-6,176,167.79	
FSTPP-I & II		28,190.506	28,125.654	-84,761.34	0.00	
KHSTPP-I		15,234.543	14,991.628	-354,219.04	0.00	
TSTPP		15,960.000	15,991.563	112,251.91	0.00	
RANGIT		1,449.000	1,528.358	169,128.80	0.00	
CHPC		6,127.500	11,814.413	12,795,554.13	0.00	
KHPC		1,440.000	2,027.383	1,163,018.74	0.00	
THPC		24,522.500	18,481.284	-11,961,607.89	0.00	
KHSTPP-II		26,452.566	26,258.416	-260,524.149	0.00	
FSTPP-III		8,212.593	8,148.908	-115,721.676	0.00	
TEESTA		12,114.000	12,402.036	647,008.266	0.00	
MAITHON R/B		19,609.000	20,746.145	2,084,947.978	0.00	
Vedanta		0.000	1.591	2,791.928	0.00	
BARH		22,121.471	21,125.018	-1,924,859.715	-21,579.83	
NVVN-NEPAL		0.000	0.000	0.000	0.00	
APNRL		5,759.900	5,741.164	-40,598.830	0.00	
GMRKEL		14,421.403	14,746.400	1,027,455.377	0.00	
JITPL		19,522.700	20,079.345	1,308,371.853	0.00	
TPTCL		1,467.360	1,440.437	-35,924.28	-955.71	
BRBCL		0.000	-46.836	-97,536.167	0.00	
TALCHER SOLAR		23.568	39.402	142,061.422	0.00	
JORETHANG HEP		2,186.415	1,966.664	-461,525.461	-22,730.87	
IND Barath		0.000	-8.509	-23,499.865	0.00	
HVDC SASARAM		-26.640	-16.717	21,091.771	0.000	
VAE		-1,470.963	0.000	2,660,254.189	0.00	
NVVN		-11,817.768	-11,814.618	-40,321.314	0.00	
CHUZACHEN		2,145.480	2,157.453	55,836.192	0.00	
19/10/16		BSPHCL	-65,669.352	-67,222.270	-4,067,265.09	-338,556.49
		JUVNL	-15,793.165	-17,408.853	-3,674,006.58	-667,528.34
		DVC	30,874.970	32,383.168	2,924,305.34	0.00
		GRIDCO	-16,363.501	-17,136.375	-1,909,269.49	-565,774.62
		SIKKIM	-1,475.671	-1,122.374	767,662.29	0.00
	WBSETCL	-34,120.663	-34,455.392	-574,392.86	-7,009.92	
	NER	672.675	-15,042.938	-35,483,233.25	-31,745,093.81	
	NR	-68,203.424	-62,126.672	12,433,783.82	-1,251,728.80	
	SR	-27,373.973	-28,674.690	-2,951,554.30	-1,028,648.91	
	WR	-10,210.468	920.582	25,361,770.22	-960,551.07	
	FSTPP-I & II	23,754.212	23,397.979	-761,257.74	-55,102.01	
	KHSTPP-I	16,649.300	16,199.704	-948,976.45	0.00	
	TSTPP	14,781.522	15,059.292	657,407.05	0.00	
	RANGIT	1,449.000	1,525.181	171,248.35	0.00	
	CHPC	6,070.000	11,925.258	13,174,330.48	0.00	
	KHPC	1,440.000	2,001.917	1,112,595.26	0.00	
	THPC	24,550.000	18,654.679	-11,672,736.02	0.00	
	KHSTPP-II	27,663.948	27,474.437	-257,648.265	0.00	
	FSTPP-III	8,335.813	8,308.839	-38,098.357	0.00	
	TEESTA	11,358.000	11,546.363	459,414.769	0.00	
	MAITHON R/B	21,612.250	21,756.363	361,734.200	0.00	
	Vedanta	0.000	1.727	440.706	0.00	
	BARH	24,436.750	23,348.509	-2,269,302.332	-6,965.95	
	NVVN-NEPAL	0.000	0.000	0.000	0.00	
	APNRL	5,737.700	5,822.545	181,436.986	0.00	
	GMRKEL	14,726.240	14,910.691	544,680.940	0.00	
	JITPL	19,254.610	19,791.709	1,163,493.008	0.00	
	TPTCL	1,467.360	1,473.592	14,050.63	0.00	
	BRBCL	0.000	-41.655	-100,887.330	0.00	
	TALCHER SOLAR	23.568	39.066	138,292.110	0.00	
	JORETHANG HEP	1,992.000	1,868.120	-273,111.510	0.00	
	IND Barath	0.000	-8.582	-21,088.166	0.00	
	HVDC SASARAM	-26.545	-16.557	22,947.418	0.00	
	VAE	-967.256	0.000	2,360,601.331	0.00	
	NVVN	-11,948.833	-11,935.673	23,816.389	0.00	
	CHUZACHEN	1,856.105	1,943.469	177,552.357	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 17/10/2016 to 23/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.	
20/10/16	BSPHCL	-63,749.254	-66,322.577	-7,822,438.30	-715,434.61	
	JUVNL	-15,305.425	-16,984.165	-4,576,191.68	-1,485,061.50	
	DVC	30,244.435	31,867.256	4,192,587.79	-3,771.50	
	GRIDCO	-13,412.364	-12,905.950	568,028.41	-132,103.37	
	SIKKIM	-977.001	-1,146.626	-484,421.65	0.00	
	WBSETCL	-35,035.038	-34,509.776	1,347,702.56	-11,293.20	
	NER	517.283	-15,817.383	-46,243,302.33	-41,582,614.89	
	NR	-61,239.500	-58,913.226	6,359,140.97	-3,874,676.53	
	SR	-34,713.430	-37,108.290	-5,902,900.70	-4,428,421.28	
	WR	-5,358.453	13,637.855	53,050,685.34	-8,963.25	
	FSTPP-I & II	23,107.765	22,821.259	-682,132.91	0.00	
	KHSTPP-I	16,734.622	16,304.782	-983,361.28	-1,691.40	
	TSTPP	8,068.500	8,122.403	168,518.64	-390.60	
	RANGIT	1,449.000	1,527.985	212,951.06	0.00	
	CHPC	6,720.000	11,162.358	9,995,305.33	0.00	
	KHPC	1,440.000	2,075.425	1,258,141.90	0.00	
	THPC	25,000.000	17,461.274	-14,926,676.79	0.00	
	KHSTPP-II	28,355.411	28,190.866	-370,408.11	0.00	
	FSTPP-III	8,723.860	8,683.795	-108,110.18	0.00	
	TEESTA	10,854.000	11,125.818	772,941.51	0.00	
	MAITHON R/B	17,825.063	18,094.727	688,434.63	0.00	
	Vedanta	0.000	0.545	-717.30	0.00	
	BARH	24,418.515	22,986.654	-3,860,765.191	-273,476.36	
	NVVN-NEPAL	0.000	0.000	0.000	0.00	
	APNRL	5,903.260	5,822.545	-229,362.31	0.00	
	GMRKEL	14,638.170	15,302.327	1,886,540.31	0.00	
	JITPL	19,240.155	20,264.000	2,765,712.19	0.00	
	TPCL	1,467.360	1,473.669	17,938.06	0.00	
	BRBCL	0.000	-26.964	-72,204.119	0.00	
	TALCHER SOLAR	29.415	38.565	84,616.94	0.00	
	JORETHANG HEP	1,992.000	1,779.800	-595,299.78	0.00	
	IND Barath	0.000	-8.291	-25,917.97	0.00	
	HVDC SASARAM	-25.710	-16.838	24,622.70	0.00	
	VAE	-305.737	0.000	1,247,996.39	0.00	
	NVVN	-11,962.725	-11,933.273	81,793.83	0.00	
	CHUZACHEN	1,766.700	1,781.793	38,163.48	0.00	
	21/10/16	BSPHCL	-67,507.759	-65,726.889	2,681,188.94	-21,485.27
		JUVNL	-15,425.208	-17,102.600	-3,931,401.35	-448,636.76
		DVC	36,223.606	35,063.162	-2,719,670.04	-183,460.58
		GRIDCO	-19,221.476	-20,542.707	-2,766,389.79	-791,226.36
		SIKKIM	-1,171.683	-1,214.744	-154,884.93	0.00
WBSETCL		-35,944.860	-35,864.143	539,935.36	-17,247.20	
NER		-32.297	-15,019.917	-36,844,977.73	-32,767,037.17	
NR		-56,178.269	-51,371.143	8,207,281.81	-1,970,062.52	
SR		-27,736.620	-29,804.072	-5,022,854.36	-2,446,252.45	
WR		394.189	12,291.079	31,267,914.63	-653,874.36	
FSTPP-I & II		24,036.984	23,971.364	-154,360.32	-5,160.26	
KHSTPP-I		14,378.244	14,276.522	-124,193.75	0.00	
TSTPP		10,795.564	10,733.976	-78,800.22	-1,982.38	
RANGIT		1,449.000	1,519.856	178,509.14	0.00	
CHPC		6,408.000	10,748.299	9,765,672.49	0.00	
KHPC		1,440.000	2,319.016	1,740,450.89	0.00	
THPC		22,320.000	16,813.562	-10,902,747.51	0.00	
KHSTPP-II		25,678.666	25,672.493	100,219.302	0.00	
FSTPP-III		8,832.361	8,792.035	-77,697.475	0.00	
TEESTA		10,602.000	10,821.563	569,957.859	0.00	
MAITHON R/B		11,053.278	11,142.691	250,466.512	0.00	
Vedanta		0.000	1.545	219.645	0.00	
BARH		22,579.303	22,173.054	-1,260,262.721	0.00	
NVVN-NEPAL		0.000	0.000	0.000	0.00	
APNRL		5,915.580	5,862.473	-104,553.144	0.00	
GMRKEL		14,668.095	15,206.836	1,564,746.465	0.00	
JITPL		19,242.785	20,094.400	2,382,360.268	0.00	
TPCL		1,467.360	1,473.798	15,751.54	0.00	
BRBCL		0.000	-17.927	-44,499.106	0.00	
TALCHER SOLAR		29.190	40.597	103,297.77	0.00	
JORETHANG HEP		1,603.795	1,695.056	299,722.79	-4,882.18	
IND Barath		0.000	-10.036	-25,756.22	0.00	
HVDC SASARAM		-25.920	-12.780	31,302.22	0.00	
VAE		-649.294	0.000	1,216,141.81	0.00	
NVVN		-10,934.603	-10,881.636	142,494.432	-7,089.88	
CHUZACHEN		1,711.790	1,728.954	44,403.355	0.00	
22/10/16		BSPHCL	-65,343.251	-64,758.920	1,247,125.66	-2,553.63
		JUVNL	-15,052.550	-16,919.322	-4,945,018.24	-824,806.98
		DVC	37,088.843	37,579.167	1,278,736.24	-1,777.41
		GRIDCO	-18,417.236	-18,256.110	-301,117.59	-166,323.92
		SIKKIM	-1,044.940	-1,166.361	-259,322.59	0.00
	WBSETCL	-34,704.820	-34,580.184	956,314.30	-265.06	
	NER	314.100	-14,178.733	-33,802,988.94	-29,968,599.66	
	NR	-56,621.871	-49,556.292	11,181,398.48	-823,412.99	
	SR	-27,190.185	-27,005.090	357,127.62	-79,654.64	
	WR	-1,989.845	7,527.062	25,300,841.04	-549,106.05	
	FSTPP-I & II	21,142.405	20,960.088	-410,135.46	0.00	
	KHSTPP-I	14,419.476	14,292.024	-179,142.40	0.00	
	TSTPP	13,803.750	13,839.161	124,964.19	-180.03	
	RANGIT	1,449.000	1,514.233	154,862.96	0.00	
	CHPC	5,016.000	10,316.988	11,927,223.73	0.00	
	KHPC	1,440.000	2,187.461	1,479,972.38	0.00	
	THPC	24,000.000	16,138.863	-15,565,051.61	0.00	
	KHSTPP-II	28,078.819	28,088.750	274,476.064	0.00	
	FSTPP-III	8,989.419	8,935.311	-90,858.373	0.00	
	TEESTA	9,804.000	10,063.418	633,131.747	0.00	
	MAITHON R/B	11,660.085	11,647.527	101,144.293	0.00	
	Vedanta	0.000	1.545	3,512.201	0.00	
	BARH	21,345.340	19,898.072	-2,860,300.174	-148,621.06	
	NVVN-NEPAL	0.000	0.000	0.000	0.00	
	APNRL	5,578.355	5,128.800	-1,273,791.227	-615,794.73	
	GMRKEL	14,726.345	15,162.472	1,519,454.478	0.00	
	JITPL	15,668.770	14,981.963	-629,035.143	-1,531,187.79	
	TPCL	1,467.360	1,473.604	14,465.76	0.00	
	BRBCL	0.000	-39.654	-90,599.330	0.00	
	TALCHER SOLAR	40.220	38.426	-16,867.96	0.00	
	JORETHANG HEP	1,535.660	1,682.816	339,391.59	0.00	
	IND Barath	0.000	-7.855	-21,427.95	0.00	
	HVDC SASARAM	-26.640	-8.073	42,279.19	0.00	
	VAE	-589.410	0.000	938,032.21	0.00	
	NVVN	-12,032.385	-11,999.491	75,994.925	0.00	
	CHUZACHEN	1,711.790	1,650.582	-43,595.418	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 17/10/2016 to 23/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
23/10/16	BSPHCL	-63,723.569	-65,108.967	-3,484,830.19	-1,640,057.27
	JUVNL	-14,928.614	-15,858.780	-1,598,310.12	-89,448.83
	DVC	31,260.548	31,411.829	374,082.22	-65,716.06
	GRIDCO	-16,954.453	-16,792.530	847,392.82	-120,310.77
	SIKKIM	-1,479.991	-1,057.494	518,919.72	-27,190.51
	WBSETCL	-37,581.863	-37,610.435	-300,010.39	-297,008.38
	NER	-719.758	-10,113.022	-15,215,279.26	-12,687,875.71
	NR	-57,342.113	-43,727.760	18,260,800.30	-1,220,779.82
	SR	-26,407.016	-24,727.200	3,950,866.52	-171,456.55
	WR	9,146.825	6,410.631	-36,819.26	-5,417,763.31
	FSTPP-I & II	22,998.703	22,641.630	-474,019.20	-25,744.42
	KHSTPP-I	13,142.527	13,036.824	-177,055.16	-19,104.91
	TSTPP	10,827.699	10,709.934	-180,084.01	-50,877.52
	RANGIT	1,449.000	1,518.372	110,372.90	-4,724.83
	CHPC	5,818.500	9,930.593	9,252,209.93	0.00
	KHPC	1,440.000	1,986.178	1,081,431.65	0.00
	THPC	22,101.000	15,534.425	-13,001,818.17	0.00
	KHSTPP-II	25,968.871	25,671.435	-160,334.026	0.00
	FSTPP-III	8,703.134	8,634.351	-115,820.462	0.00
	TEESTA	9,804.000	10,027.418	405,371.704	-5,307.63
	MAITHON R/B	20,124.688	20,124.400	203,948.912	0.00
	Vedanta	0.000	3.864	8,301.683	-647.27
	BARH	17,586.500	16,946.509	-1,260,178.721	-441,242.01
	NVVN-NEPAL	0.000	0.000	0.000	0.00
	APNRL	5,942.698	5,940.436	3,339.308	0.00
	GMRKEL	14,556.803	14,310.618	412,719.454	0.00
	JITPL	12,780.300	12,127.854	-1,816,312.728	-1,263,761.54
	TPTCL	2,416.560	1,473.669	-1,434,107.48	0.00
	BRBCL	0.000	-48.854	-66,645.972	0.00
	TALCHER SOLAR	40.220	38.342	-17,621.20	0.00
	JORETHANG HEP	1,639.030	1,614.736	36,911.47	-6,323.61
	IND Barath	0.000	-9.673	-18,593.66	0.00
	HVDC SASARAM	-26.640	-7.718	28,782.95	1,014.07
	VAE	-446.201	0.000	370,430.31	0.00
	NVVN	-12,031.538	-11,990.000	53,582.419	-3,132.40
	CHUZACHEN	1,690.610	1,525.761	-157,223.124	-111.25

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 17/10/16 TO 23/10/16	BSPHCL	-461200.86	-466254.80	-15,532,541.00	-2,848,164.41
	JUVNL	-108917.86	-118946.79	-25,865,537.00	-3,975,724.50
	DVC	210958.31	212520.37	10,692,743.00	-1,098,971.00
	GRIDCO	-116930.92	-119948.14	965,616.00	-3,007,580.87
	SIKKIM	-9323.86	-7884.60	4,107,093.00	-27,190.51
	WBSETCL	-248256.16	-247909.52	-1,887,025.00	-373,901.03
	NER	5910.00	-114139.42	-273,188,948.00	0.00
	NR	-445726.13	-381117.00	116,607,009.00	0.00
	SR	-177472.37	-178753.96	-4,291,252.00	0.00
	WR	-19399.01	46283.57	174,155,295.00	0.00
	FSTPP-I & II	171155.61	169675.86	-2,933,881.66	-86,006.69
	KHSTPP-I	104696.22	102977.30	-3,246,197.41	-28,677.40
	KHSTPP-II	188042.56	187060.47	-778,678.67	0.00
	TSTPP	95403.87	95619.09	807,348.63	-53,430.53
	FSTPP-III	60093.11	59740.88	-638,790.35	0.00
	TEESTA	76650.00	78401.56	4,139,965.00	-5,307.63
	MAITHON R/B	123268.74	124977.63	3,938,990.97	0.00
	Vedanta	0.00	13.05	17,539.00	-647.27
	RANGIT	10143.00	10662.86	1,167,445.00	-4,724.83
	BARH	154665.59	147847.74	-15,169,481.25	-891,885.22
	NVVN-NEPAL	0.00	0.00	0.00	0.00
	APNRL	40496.89	40019.71	-1,381,084.00	-615,794.73
	GMRKEL	102123.59	104010.76	7,082,982.00	0.00
	JITPL	120487.43	122346.25	5,615,107.75	-2,795,067.65
	TPTCL	11220.72	10282.53	-1394194.48	-955.71
	BRBCL	0.00	-264.20	-563012.70	0.00
TALCHER SOLAR	209.75	269.72	539574.24	0.00	
JORETHANG HEP	13240.84	12687.08	-1077344.09	-73812.72	
IND Barath	0.00	-61.45	-158960.25	0.00	
HVDC SASARAM	-184.74	-95.08	194227.38	1014.07	
VAE	-5270.02	0.00	10507025.41	0.00	
NVVN-BD	-82693.42	-82556.98	248,412.00	-10,222.29	
CHUZACHEN	13152.71	13064.96	128,977.00	-111.25	

LEGEND: Energy:(+ve) means injection, (-ve) means drawal
 Deviation Charge: (+ve) means receivable, (-ve) mean payable

(+) means under
 drawal/ over injection
 (-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date:08/11/2016

RRAS Account for Week: 17.10.16 TO 23.10.16

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	760.09575	598955	2017294	380048	2996297
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	906.92291	921434	2339861	453461	3714756
4	KhSTPP-II	2011.72406	2327565	4920677	1005862	8254104
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	1710.50288	3267060	5122956	855251	9245268

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	0.000000	0	0
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	0.000000	0	0
4	KhSTPP-II	0.000000	0	0
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	0.000000	0	0

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033**

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	760.095751	62515	BSEB
			7394	DVC
			305685	GRIDCO
			139668	WBSEB
			34533	SIKKIM
			12284	DELHI
			20077	PUNJAB.
			4751	RAJASTHAN
			12049	HARYANA
2	FSTPP III	0	0	0
3	KhSTPP-I	906.922915	33027	BSEB
			9480	DVC
			553897	GRIDCO
			40690	SIKKIM
			66333	DELHI
			62513	PUNJAB.
			66531	RAJASTHAN
			88962	HARYANA
4	KhSTPP-II	2011.724063	28995	BSEB
			24620	DVC
			189862	GRIDCO
			19456	SIKKIM
			192578	DELHI
			226538	PUNJAB.
			222820	RAJASTHAN
			244414	HARYANA
			408374	M.P
			175035	CHHATISGARH
			264379	MAHA RASHTRA
			330495	GUJRAT
5	TSSTPP-I	0.000000	0	0
6	BARH STPP-II	1710.502876	1667926	BSEB
			8178	JSEB
			1316621	GRIDCO
			274334	SIKKIM

A) RRAS settlement account for the week 17.10.16 TO 23.10.16 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-I

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.