



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: 28.10.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 10.10.2016 to 16.10.2016

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 10.10.16 TO 16.10.16**

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
JUVNL	15.50308	6.60790	22.11098	BSPHCL	325.32731	7.66070	317.66661
NER	2184.25973	0.00000	2184.25973	DVC	49.04828	7.28364	41.76464
WR	176.91244	0.00000	176.91244	GRIDCO	101.92612	14.50547	87.42065
FSTPP I&II	9.50158	0.27585	9.77743	SIKKIM	69.53938	0.26927	69.27011
BRBCL	5.20463	0.00000	5.20463	WBSETCL	120.96066	4.88810	116.07256
KHSTPP-I	13.47157	0.93758	14.40915	NR	474.28150	0.00000	474.28150
NVVN-NEPAL	0.01073	0.00000	0.01073	SR	1172.16893	0.00000	1172.16893
IND BARATH	1.20766	0.00000	1.20766	HDVC SASARAM	0.69066	0.00247	0.68820
JORETHANG LOOP HEP	9.27317	4.62379	13.89696	TALCHER SOLAR	8.52214	0.00000	8.52214
TPTCL	23.98464	0.94782	24.93246	TSTPP	2.88086	3.19192	-0.31106
KHSTPP-II	16.06452	0.04583	16.11035	RANGIT	8.86601	0.04436	8.82165
VEDANTA	21.12540	0.00000	21.12540	GMRKEL	10.63903	1.00923	9.62980
APNRL	0.39254	0.03791	0.43046	FSTPP -III	1.44089	0.04629	1.39460
NVVN-BD	8.54741	0.21727	8.76467	CHUZACHEN	34.74771	0.00445	34.74326
BARH	76.27494	0.24652	76.52146	TEESTA	24.50797	0.08673	24.42124
				JITPL	47.18828	1.68925	45.49902
				MAITHON R/B	23.83919	0.00000	23.83919
				Adj of KHSTPP-I for the date 30.08.16	22.39746	0.00000	22.39746
				VAE OF EASTERN REGION	84.75226		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-21.99063		
TOTAL	2561.73404	13.94048	2575.67451		2561.73404	40.68188	2458.29052

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

54.62236

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 10/10/16-16/10/16 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 2.10% 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.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 10/10/2016 to 16/10/2016

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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.	
10-10-16	BSPHCL	-66,866.278	-65,546.582	1,000,433.42	-47,270.05	
	JUVNL	-14,971.625	-15,219.566	-296,875.58	-13,735.67	
	DVC	26,527.655	26,002.085	-414,028.21	-43,789.22	
	GRIDCO	-18,975.557	-20,597.697	-2,573,680.00	-944,178.34	
	SIKKIM	-1,381.692	-867.021	681,891.48	-26,926.93	
	WBSETCL	-26,255.435	-25,490.940	683,917.29	-161,138.50	
	NER	2,830.273	-5,100.333	-10,369,714.42	-8,345,606.19	
	NR	-81,701.702	-81,250.417	2,152,631.14	-2,025,979.45	
	SR	-20,264.385	3,535.564	29,006,968.98	-1,435,047.32	
	WR	9,020.640	-6,918.044	-19,422,598.06	-16,347,682.16	
	FSTPP-I & II	23,879.612	23,768.611	-314,560.85	-26,131.49	
	KHSTPP-I	13,220.546	13,199.521	-7,037.67	-3,639.06	
	TSTPP	13,510.939	13,109.393	-534,339.11	-319,192.44	
	RANGIT	1,449.000	1,520.084	86,016.01	-4,436.47	
	CHPC	5,760.000	11,944.133	13,914,298.58	0.00	
	KHPC	1,200.000	1,962.850	1,510,442.21	0.00	
	THPC	22,080.000	18,684.204	-6,723,675.10	0.00	
	KHSTPP-II	23,768.110	23,582.994	-84,588.28	-3,231.26	
	FSTPP-III	7,759.825	7,784.279	21,621.82	-4,629.46	
	TEESTA	12,114.000	12,300.436	238,382.50	-8,673.44	
	MAITHON R/B	17,273.000	17,238.981	103,358.24	0.00	
	Vedanta	0.000	-445.682	-571,763.345	0.00	
	BARH	20,904.221	20,411.454	-603,009.880	0.00	
	NVVN-NEPAL	0.000	0.019	27,924	0.00	
	APNRL	4,935.785	4,916.291	-16,494.706	-3,791.39	
	GMRKEL	14,409.800	13,176.145	-1,411,245.658	-100,823.44	
	JITPL	18,856.340	18,512.654	-962,677.10	-164,409.02	
	TPTCL	1,587.840	1,472.777	-143,576.14	0.00	
	BRBCL	0.000	-55.964	-71,472.012	0.00	
	TALCHER SOLAR	23.568	27.763	37,470.73	0.00	
	JORETHANG HEP	2,201.535	2,303.280	102,929.97	-41,508.08	
	IND Barath	0.000	-7.927	-14,987.20	0.00	
	HVDC SASARAM	-27.165	-23.019	5,133.431	246.530	
	VAE	-510.180	0.000	582,982.897	0.000	
	NVVN	-9,175.255	-9,270.182	-161,114.708	-21,726.77	
	CHUZACHEN	1,921.525	1,884.258	-58,978.782	-445.00	
	11-10-16	BSPHCL	-67,627.426	-61,786.167	3,691,425.75	0.00
		JUVNL	-15,005.055	-14,758.711	-73,554.17	-81,753.96
		DVC	23,178.065	25,055.983	1,242,981.23	-3,072.18
		GRIDCO	-20,101.269	-21,117.572	-1,087,618.65	-94,376.62
SIKKIM		-1,257.049	-764.419	549,561.28	0.00	
WBSETCL		-22,879.150	-23,978.940	-1,508,307.10	-299,046.57	
NER		4,790.153	-1,368.096	-7,962,298.17	-6,086,879.05	
NR		-76,285.175	-74,068.474	4,161,444.52	-83,721.35	
SR		-13,234.418	998.182	16,838,473.54	0.00	
WR		3,767.298	-12,121.866	-20,276,006.76	-17,271,775.34	
FSTPP-I & II		17,170.546	17,032.051	-160,857.02	0.00	
KHSTPP-I		12,857.060	12,726.651	-169,565.17	0.00	
TSTPP		17,650.032	17,618.589	137,846.73	0.00	
RANGIT		1,449.000	1,520.678	85,855.440	0.00	
CHPC		5,184.000	11,112.065	13,338,147.35	0.00	
KHPC		1,440.000	1,823.080	758,497.61	0.00	
THPC		22,488.000	17,382.602	-10,108,688.28	0.00	
KHSTPP-II		23,761.408	23,558.743	-191,989.916	0.00	
FSTPP-III		7,908.060	7,866.348	-54,509.518	0.00	
TEESTA		12,114.000	12,252.618	158,513.656	0.00	
MAITHON R/B		17,710.750	17,676.654	7,259.402	0.00	
Vedanta		0.000	-394.045	-480,657.317	0.00	
BARH		21,127.528	20,575.636	-670,332.311	0.00	
NVVN-NEPAL		0.000	-0.029	-51.598	0.00	
APNRL		4,904.185	4,908.436	-13,936.187	0.00	
GMRKEL		14,235.720	13,541.963	-660,311.390	-99.22	
JITPL		15,615.935	16,028.145	430,429.956	0.00	
TPTCL		1,587.840	1,473.139	-135,319.36	0.00	
BRBCL		0.000	-52.982	-63,518.864	0.00	
TALCHER SOLAR		23.568	39.298	139,849.914	0.00	
JORETHANG HEP		2,292.640	2,259.272	-40,582.012	0.00	
IND Barath		0.000	-6.836	-8,766.380	0.00	
HVDC SASARAM		-26.883	-22.776	4,934.028	0.000	
VAE		-270.729	0.000	197,542.629	0.00	
NVVN		-11,061.750	-11,064.582	-14,605.691	0.00	
CHUZACHEN		1,761.060	1,874.070	163,521.196	0.00	
12-10-16		BSPHCL	-61,570.016	-54,984.371	4,186,567.91	-99,827.58
		JUVNL	-15,613.590	-15,006.347	1,147,446.90	-181,854.55
		DVC	25,001.770	25,852.537	464,557.68	-16,215.36
		GRIDCO	-20,821.313	-20,874.123	-113,841.80	-133,594.33
	SIKKIM	-1,487.790	-718.879	1,548,252.38	0.00	
	WBSETCL	-30,171.990	-31,661.583	-2,520,748.02	-27,459.08	
	NER	8,520.458	-447.937	-18,397,367.44	-14,719,200.75	
	NR	-76,956.937	-82,264.216	-12,480,236.30	-8,128,548.05	
	SR	-15,751.183	-6,762.836	15,073,177.55	-2,162,268.11	
	WR	-11,785.968	-13,701.850	-209,176.06	-6,588,016.20	
	FSTPP-I & II	25,495.415	25,643.658	288,598.52	-1,453.65	
	KHSTPP-I	13,519.498	13,506.089	-18,233.37	0.00	
	TSTPP	16,572.946	16,754.867	467,509.02	0.00	
	RANGIT	1,449.000	1,521.096	141,635.38	0.00	
	CHPC	6,288.000	11,747.728	12,284,387.09	0.00	
	KHPC	1,440.000	1,582.729	282,603.82	0.00	
	THPC	24,480.000	18,376.968	-12,084,003.32	0.00	
	KHSTPP-II	25,154.516	25,087.959	-32,614.836	0.00	
	FSTPP-III	7,863.253	7,914.777	123,005.337	0.00	
	TEESTA	12,114.000	12,302.436	376,113.612	0.00	
	MAITHON R/B	19,248.625	19,374.981	406,767.300	0.00	
	Vedanta	0.000	-304.091	-590,171.640	0.00	
	BARH	20,561.011	20,076.872	-919,292.791	0.00	
	NVVN-NEPAL	0.000	-0.115	-215.478	0.00	
	APNRL	5,662.242	5,616.582	-62,789.329	0.00	
	GMRKEL	14,398.103	14,457.018	532,167.008	0.00	
	JITPL	18,215.280	18,764.218	1,056,782.916	0.00	
	TPTCL	1,587.840	952.956	-1,439,436.28	-94,781.94	
	BRBCL	0.000	-40.727	-79,099.543	0.00	
	TALCHER SOLAR	23.568	40.461	149,988.165	0.00	
	JORETHANG HEP	2,186.940	2,173.688	-138,893.256	-113,627.10	
	IND Barath	0.000	-8.727	-19,416.583	0.00	
	HVDC SASARAM	-27.120	-22.733	8,511.356	0.00	
	VAE	-741.134	0.000	1,394,592.302	0.00	
	NVVN	-10,874.755	-11,058.582	-394,755.568	0.00	
	CHUZACHEN	1,761.060	2,452.878	1,324,860.390	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 10/10/2016 to 16/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
13/10/16	BSPHCL	-66,261.191	-63,343.424	4,302,738.04	0.00
	JUVNL	-16,732.670	-17,576.386	-1,495,987.50	-37,918.72
	DVC	27,184.809	27,297.227	471,322.11	-4,290.16
	GRIDCO	-20,659.571	-20,266.924	783,629.03	-39,576.04
	SIKKIM	-1,400.223	-895.335	1,063,577.36	0.00
	WBSETCL	-36,799.870	-35,567.176	2,625,890.54	0.00
	NER	10,074.373	-6,493.504	-35,335,194.35	-32,016,378.24
	NR	-80,311.888	-74,928.135	8,728,166.24	-2,183,284.90
	SR	-15,337.423	-8,063.782	14,729,569.21	-139,252.39
	WR	-13,214.103	-15,011.741	-2,551,760.70	-5,944,604.67
	FSTPP-I & II	27,860.856	27,656.830	-417,332.71	0.00
	KHSTPP-I	14,697.719	14,506.267	-310,350.57	0.00
	TSTPP	19,224.357	19,278.323	102,699.63	0.00
	RANGIT	1,449.000	1,524.157	165,067.32	0.00
	CHPC	5,832.000	11,719.807	13,247,565.93	0.00
	KHPC	1,440.000	1,837.606	787,259.09	0.00
	THPC	24,048.000	18,333.292	-11,315,121.90	0.00
	KHSTPP-II	27,179.828	27,089.149	-22,067.85	0.00
	FSTPP-III	8,340.901	8,352.206	28,398.25	0.00
	TEESTA	12,114.000	12,298.691	408,539.13	0.00
	MAITHON R/B	21,198.438	21,442.472	638,812.88	0.00
	Vedanta	0.000	-205.227	-468,149.29	0.00
	BARH	21,936.751	21,271.527	-1,406,396.096	0.00
	NVVN-NEPAL	0.000	-0.163	-302.669	0.00
	APNRL	5,503.680	5,533.527	59,784.26	0.00
	GMRKEL	14,390.770	14,658.909	932,762.11	0.00
	JITPL	20,096.555	20,813.163	1,626,508.49	0.00
	TPCL	1,587.840	1,473.721	-244,840.24	0.00
	BRBCL	0.000	-37.709	-80,714.156	0.00
	TALCHER SOLAR	23.568	36.449	116,318.96	0.00
	JORETHANG HEP	2,304.720	2,197.696	-377,663.58	-136,859.37
	IND Barath	0.000	-9.600	-30,731.29	0.00
	HVDC SASARAM	-26.880	-23.132	7,977.39	0.00
	VAE	-1,040.313	0.000	2,037,552.80	0.00
	NVVN	-10,841.523	-11,066.800	-487,681.16	0.00
	CHUZACHEN	2,112.370	2,626.794	1,133,161.38	0.00
14/10/16	BSPHCL	-69,420.483	-66,789.262	2,857,098.62	-517,015.76
	JUVNL	-16,847.655	-18,093.088	-2,642,337.30	-310,142.37
	DVC	27,402.285	25,930.364	-3,495,118.54	-429,512.86
	GRIDCO	-17,673.030	-17,179.422	584,772.24	-25,576.19
	SIKKIM	-1,011.580	-931.669	238,707.76	0.00
	WBSETCL	-34,170.133	-32,599.755	3,063,513.38	0.00
	NER	12,722.635	-11,761.861	-51,958,834.52	-46,916,055.49
	NR	-78,497.168	-69,407.795	18,992,736.37	-1,540,602.57
	SR	-16,673.488	-2,947.636	28,350,627.10	-42,788.41
	WR	-16,776.005	-21,245.560	-9,145,461.04	-9,200,559.38
	FSTPP-I & II	26,316.212	26,319.703	74,056.00	0.00
	KHSTPP-I	13,664.160	13,310.768	-559,441.83	-90,118.65
	TSTPP	21,214.845	21,274.138	243,426.62	0.00
	RANGIT	1,449.000	1,529.834	170,120.30	0.00
	CHPC	5,040.000	11,731.727	15,056,385.24	0.00
	KHPC	1,440.000	2,011.284	1,131,142.32	0.00
	THPC	23,642.500	18,351.938	-10,475,312.88	0.00
	KHSTPP-II	26,671.583	26,333.959	-535,897.436	-1,351.94
	FSTPP-III	8,070.915	8,086.405	50,641.393	0.00
	TEESTA	12,114.000	12,275.091	340,023.023	0.00
	MAITHON R/B	20,669.875	20,905.381	604,005.891	0.00
	Vedanta	0.000	1.682	-575.196	0.00
	BARH	21,402.897	20,942.400	-890,285.223	0.00
	NVVN-NEPAL	0.000	-0.154	-307.004	0.00
	APNRL	5,548.440	5,584.873	70,871.806	0.00
	GMRKEL	14,418.063	14,851.418	1,308,814.966	0.00
	JITPL	20,910.673	21,827.054	2,040,027.214	0.00
	TPCL	1,587.840	1,473.708	-239,283.78	0.00
	BRBCL	0.000	-37.673	-81,840.548	0.00
	TALCHER SOLAR	23.568	38.485	134,311.67	0.00
	JORETHANG HEP	2,304.720	2,213.056	-165,298.61	-99,705.55
	IND Barath	0.000	-6.182	-17,798.15	0.00
	HVDC SASARAM	-26.220	-20.267	12,826.86	0.00
	VAE	-1,066.176	0.000	1,521,234.42	0.00
	NVVN	-10,987.580	-10,976.727	33,128.836	0.00
	CHUZACHEN	2,459.075	2,727.324	528,349.930	0.00
15/10/16	BSPHCL	-70,215.994	-66,092.192	4,875,234.82	-65,316.66
	JUVNL	-14,921.920	-14,868.450	-8,728.81	-12,959.37
	DVC	24,511.020	23,220.183	-2,109,297.97	-225,308.41
	GRIDCO	-15,209.226	-15,069.014	282,472.10	-115,162.25
	SIKKIM	-1,149.948	-1,053.407	172,669.44	0.00
	WBSETCL	-28,077.453	-27,098.424	1,952,864.38	0.00
	NER	7,236.718	-19,600.976	-49,061,615.43	-45,804,644.47
	NR	-73,367.374	-65,829.293	12,738,880.47	-696,061.60
	SR	-13,275.958	-7,186.473	12,461,272.57	-1,393,984.47
	WR	-12,969.095	-7,731.530	8,081,123.38	-1,780,653.94
	FSTPP-I & II	25,630.309	25,573.698	-149,448.85	0.00
	KHSTPP-I	13,532.787	13,455.582	-104,275.43	0.00
	TSTPP	19,381.126	19,281.531	-176,842.03	0.00
	RANGIT	1,449.000	1,521.386	131,264.19	0.00
	CHPC	5,280.000	11,711.737	14,471,407.19	0.00
	KHPC	1,440.000	2,131.787	1,369,737.86	0.00
	THPC	22,080.000	18,320.667	-7,443,478.96	0.00
	KHSTPP-II	25,390.049	25,015.543	-565,961.088	0.00
	FSTPP-III	7,928.821	7,915.174	-8,867.714	0.00
	TEESTA	12,114.000	12,342.254	415,566.252	0.00
	MAITHON R/B	18,821.125	18,990.000	442,558.384	0.00
	Vedanta	0.000	-0.455	-1,370.418	0.00
	BARH	22,405.985	21,426.218	-1,848,846.703	-24,652.44
	NVVN-NEPAL	0.000	-0.058	-90.275	0.00
	APNRL	5,608.440	5,564.073	-83,433.717	0.00
	GMRKEL	14,457.378	14,508.945	354,582.964	0.00
	JITPL	12,944.055	13,280.509	476,512.717	-4,516.13
	TPCL	1,587.840	1,473.837	-208,778.22	0.00
	BRBCL	0.000	-43.582	-84,426.885	0.00
	TALCHER SOLAR	23.568	38.795	136,783.63	0.00
	JORETHANG HEP	2,304.720	2,222.488	-216,663.52	-70,679.12
	IND Barath	0.000	-6.764	-14,886.80	0.00
	HVDC SASARAM	-26.880	-18.171	16,315.03	0.00
	VAE	-1,035.840	0.000	2,325,164.01	0.00
	NVVN	-11,115.425	-11,071.018	90,391.438	0.00
	CHUZACHEN	2,611.200	2,737.188	230,827.689	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 10/10/2016 to 16/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
16/10/16	BSPHCL	-68,796.355	-67,764.451	1,781,327.06	-36,639.68
	JUVNL	-15,718.248	-15,878.835	-338,807.63	-22,425.11
	DVC	22,139.573	21,669.426	-764,559.04	-6,175.33
	GRIDCO	-16,900.283	-16,025.097	975,921.82	-98,083.31
	SIKKIM	-1,359.758	-941.261	707,335.29	0.00
	WBSETCL	-30,036.743	-29,660.454	910,771.73	-1,165.90
	NER	6,146.115	-20,948.029	-45,340,948.66	-42,537,250.64
	NR	-67,608.378	-58,702.779	13,134,527.40	-65,556.85
	SR	-15,402.030	-14,718.036	756,804.18	-125,017.86
	WR	-11,296.528	3,537.557	25,832,635.08	-2,439.52
	FSTPP-I & II	26,006.872	25,832.580	-270,612.79	0.00
	KHSTPP-I	13,132.984	13,030.953	-178,253.03	0.00
	TSTPP	20,483.002	20,499.130	47,785.31	0.00
	RANGIT	1,368.250	1,431.349	106,642.46	0.00
	CHPC	6,000.000	11,748.599	12,934,348.63	0.00
	KHPC	1,440.000	2,122.708	1,351,761.05	0.00
	THPC	24,480.000	18,378.332	-12,081,303.09	0.00
	KHSTPP-II	24,076.159	23,959.185	-173,332.335	0.00
	FSTPP-III	7,942.646	7,925.529	-16,200.109	0.00
	TEESTA	12,114.000	12,416.400	513,659.207	0.00
	MAITHON R/B	18,915.625	18,961.963	181,157.206	0.00
	Vedanta	0.000	1.909	147.119	0.00
	BARH	21,406.485	20,646.218	-1,289,330.784	0.00
	NVVN-NEPAL	0.000	-0.058	-78.355	0.00
	APNRL	5,608.440	5,607.418	6,743.642	0.00
	GMRKEL	14,300.143	14,175.854	7,133.156	0.00
	JITPL	13,311.290	13,290.109	51,243.331	0.00
	TPCL	1,466.160	1,473.669	12,770.42	0.00
	BRBCL	0.000	-35.564	-59,391.327	0.00
	TALCHER SOLAR	23.568	38.806	137,491.42	0.00
	JORETHANG HEP	2,304.720	2,239.424	-91,146.25	0.00
	IND Barath	0.000	-8.145	-14,179.49	0.00
	HVDC SASARAM	-26.880	-19.079	13,368.30	0.00
	VAE	-286.244	0.000	416,157.42	0.00
	NVVN	-12,038.930	-11,994.073	79,896.257	0.00
	CHUZACHEN	2,611.200	2,692.656	153,029.527	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 10-10-16 TO 16/10/16	BSPHCL	-47075.74	-446306.45	32,532,731.00	-766,069.73
	JUVNL	-109810.76	-111401.38	-1,550,308.00	-660,789.73
	DVC	175945.18	175027.80	4,904,828.00	-728,363.52
	GRIDCO	-130340.25	-131129.85	10,192,612.00	-1,450,547.08
	SIKKIM	-9048.04	-6171.99	6,953,938.00	-26,926.93
	WBSETCL	-208390.77	-206057.27	12,096,066.00	-488,810.06
	NER	52320.72	-65720.74	-218,425,973.00	0.00
	NR	-534728.62	-506451.11	47,428,150.00	0.00
	SR	-109938.88	-35145.02	117,216,893.00	0.00
	WR	-53253.76	-73193.03	-17,691,244.00	0.00
	FSTPP-I & II	172359.82	171827.13	-950,157.69	-27,585.14
	KHSTPP-I	94624.75	93735.83	-1,347,157.06	-93,757.71
	KHSTPP-II	176001.65	174627.53	-1,606,451.74	-4,583.21
	TSTPP	128037.25	127815.97	288,086.16	-319,192.44
	FSTPP-III	55814.42	55844.72	144,089.45	-4,629.46
	TEESTA	84798.00	86187.93	2,450,797.00	-8,673.44
	MAITHON R/B	133837.44	134590.43	2,383,919.30	0.00
	Vedanta	0.00	-1345.91	-2,112,540.00	0.00
	RANGIT	10062.25	10568.59	886,601.00	-4,436.47
	BARH	149744.88	145350.32	-7,627,493.79	-24,652.44
	NVVN-NEPAL	0.00	-0.56	-1073.30	0.00
	APNRL	37771.21	37731.20	-39,254.00	-3,791.39
	GMRKEL	100609.98	99370.25	1,063,903.00	-100,922.66
JITPL	119950.13	122515.85	4,718,827.52	-168,925.14	
TPCL	10993.20	9793.81	-2398463.59	-94781.94	
BRBCL	0.00	-304.20	-520463.34	0.00	
TALCHER SOLAR	164.97	260.06	852214.49	0.00	
JORETHANG HEP	15900.00	15608.90	-927317.25	-462379.23	
IND Barath	0.00	-54.18	-120765.89	0.00	
HVDC SASARAM	-188.03	-149.18	69066.40	246.53	
VAE	-4950.62	0.00	8475226.48	0.00	
NVVN-BD	-76095.22	-76501.96	-854,741.00	-21,726.77	
CHUZACHEN	15237.49	16995.17	3,474,771.00	-445.00	

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:28/10/2016

RRAS Account for Week: 10.10.16 TO 16.10.16

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	925.38167	729201	2404611	462691	3596502
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1145.68240	1164013	2831313	572841	4568168
4	KhSTPP-II	1493.19069	1727622	3504249	746595	5978466
5	TSTPP-I	297.19169	270147	489178	148596	907921
6	BARH STPP-II	1193.20588	2279023	3327541	596603	6203167

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

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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	925.381675	123390	BSEB
			18524	JSEB
			2295	DVC
			178831	GRIDCO
			354392	WBSEB
			21855	SIKKIM
			10697	DELHI
			2408	PUNJAB.
			9680	RAJASTHAN
			5444	HARYANA
			1333	ASSAM
351	AR.PRADESH			
2	FSTPP III	0	0	0
3	KhSTPP-I	1145.682403	192194	BSEB
			5598	DVC
			737049	GRIDCO
			67568	SIKKIM
			49242	DELHI
			14349	PUNJAB.
			61753	RAJASTHAN
			22700	HARYANA
			13048	ASSAM
511	AR.PRADESH			
4	KhSTPP-II	1493.190687	157859	BSEB
			18102	DVC
			134923	GRIDCO
			14616	SIKKIM
			29420	UTTARANCHAL
			170237	DELHI
			6718	PUNJAB.
			215887	RAJASTHAN
			52637	HARYANA
			36576	HP
			229689	M.P
			52695	CHHATISGARH
			394834	MAHA RASHTRA
182303	GUJRAT			
31126	ASSAM			
5	TSSTPP-I	297.191693	246659	BSEB
			586	JSEB
			12498	DVC
			9730	WBSEB
			673	AR.PRADESH
6	BARH STPP-II	1193.205881	989492	BSEB
			85566	JSEB
			1076174	GRIDCO
			127791	SIKKIM

A) RRAS settlement account for the week 10.10.16 TO 16.10.16 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.