



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: 06.10.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 19.09.2016 to 25.09.2016

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 19.09.16 TO 25.09.16**

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	80.34668	12.70262	93.04930	JUVNL	25.33370	6.20877	19.12493
DVC	135.38819	94.49332	229.88151	SIKKIM	29.81416	0.20396	29.61020
GRIDCO	82.45479	33.77026	116.22505	NR	3552.11538	0.00000	3552.11538
WBSETCL	150.31582	13.81784	164.13366	SR	1521.74991	0.00000	1521.74991
NER	2751.34957	0.00000	2751.34957	HDVC SASARAM	0.18427	0.00834	0.17593
WR	1902.65952	0.00000	1902.65952	TSTPP	7.61637	0.00094	7.61543
FSTPP I&II	29.65805	1.93305	31.59110	RANGIT	6.39494	0.05028	6.34466
BRBCL	4.63335	0.00000	4.63335	GMRKEL	30.48559	0.00498	30.48062
KHSTPP-I	47.23552	0.97420	48.20972	CHUZACHEN	15.54538	0.03745	15.50793
TALCHER SOLAR	2.84556	0.00000	2.84556	TEESTA	25.53786	0.06473	25.47314
NVVN-NEPAL	10.52644	0.00000	10.52644	JITPL	29.71311	3.10343	26.60968
IND BARATH	1.38596	0.00000	1.38596	MAITHON R/B	2.95654	0.00000	2.95654
JORETHANG LOOP HEP	43.84285	11.42721	55.27006	APNRL	6.34152	0.06287	6.27866
TPTCL	37.93053	4.97609	42.90662	NVVN-BD	11.46959	0.07122	11.39836
KHSTPP-II	18.34769	0.06964	18.41733				
FSTPP -III	0.63819	0.27625	0.91444				
VEDANTA	30.67623	0.00503	30.68126				
BARH	52.39073	2.12104	54.51177				
				VAE OF EASTERN REGION	117.34114		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	0.02618		
TOTAL	5382.62565	176.56656	5559.19221		5382.62565	9.81697	5255.44136

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

186.38353

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 19/09/16-25/09/16 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 2.52% 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 19/09/2016 to 25/09/2016

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.	IN Rs.
19/09/16	BSPHCL	-69,087.890	-69,530.554	-1,125,401.71		-123,778.10
	JUVNL	-15,484.485	-14,558.597	1,801,247.23		-1,078.89
	DVC	20,031.868	20,707.558	775,122.00		-34,749.77
	GRIDCO	-22,221.634	-22,362.956	-623,044.84		-135,923.92
	SIKKIM	-1,177.498	-1,159.317	-9,910.20		0.00
	WBSETCL	-45,465.578	-46,260.217	-1,222,327.37		-25,906.25
	NER	1,407.130	-21,019.511	-62,321,696.51		-57,848,205.23
	NR	-87,072.637	-55,111.345	82,604,231.09		0.00
	SR	-22,914.380	-14,509.163	22,830,536.55		-588,061.68
	WR	38,126.498	19,390.935	-48,668,856.95		-36,352,664.93
	FSTPP-I & II	32,486.325	32,191.015	-659,881.37		-483.02
	KHSTPP-I	11,999.192	11,194.670	-1,841,826.02		-28,746.12
	TSTPP	18,622.632	18,781.794	416,021.46		0.00
	RANGIT	1,449.000	1,509.908	159,250.30		0.00
	CHPC	8,064.000	8,590.315	1,184,208.26		0.00
	KHPC	1,320.000	2,448.108	2,233,653.84		0.00
	THPC	24,696.000	20,668.250	-7,974,944.22		0.00
	KHSTPP-II	27,667.097	27,685.587	255,655.24		0.00
	FSTPP-III	9,425.187	9,409.639	-8,478.17		0.00
	TEESTA	12,114.000	12,355.018	683,884.08		0.00
	MAITHON R/B	11,102.258	11,148.254	142,906.13		0.00
	Vedanta	0.000	-228.364	-618,867.480		0.00
	BARH	12,498.128	12,090.872	-951,627.226		-12,027.21
	NVVN-NEPAL	-1,199.520	-1,313.539	-292,034.504		0.00
	APNRL	10,160.640	10,124.218	20,939.333		0.00
	GMRKEL	14,222.563	15,104.436	2,529,538.347		0.00
	JITPL	20,760.420	21,215.782	1,123,079.83		0.00
	TPTCL	2,091.403	2,806.245	1,491,548.34		0.00
	BRBCL	0.000	-31.236	-85,454.803		0.00
	TALCHER SOLAR	40.363	39.315	-9,789.92		0.00
	JORETHANG HEP	2,471.520	2,212.400	-798,209.50		-185,300.36
	IND Barath	0.000	-10.182	-28,578.41		0.00
	HVDC SASARAM	-18.073	-23.848	-15,906.467		0.000
	VAE	-1,128.542	0.000	2,732,411.894		0.000
	NVVN	-11,010.568	-10,875.636	273,538.771		0.00
CHUZACHEN	2,611.920	2,738.259	339,019.211		0.00	
20/09/16	BSPHCL	-69,273.721	-71,689.982	-5,565,900.67		-271,078.23
	JUVNL	-14,185.053	-14,624.326	-1,990,614.85		-443,922.11
	DVC	23,006.528	22,851.530	-575,421.54		-46,152.35
	GRIDCO	-20,431.600	-21,963.251	-2,594,856.49		-622,051.11
	SIKKIM	-1,247.868	-1,016.100	506,334.47		0.00
	WBSETCL	-45,523.255	-47,614.841	-4,581,840.09		-636,090.38
	NER	2,005.670	-23,823.387	-56,419,410.96		-52,819,357.92
	NR	-86,761.821	-49,067.305	81,427,166.96		0.00
	SR	-24,851.205	-19,773.818	9,439,450.86		-3,203,182.50
	WR	35,497.583	23,786.710	-23,485,186.60		-14,716,084.37
	FSTPP-I & II	31,489.935	31,118.780	-797,932.55		-144.82
	KHSTPP-I	12,011.214	11,770.228	-411,113.91		-914.68
	TSTPP	18,427.024	18,545.389	296,624.32		0.00
	RANGIT	1,449.000	1,486.805	74,414.85		0.00
	CHPC	6,600.000	8,858.740	5,082,165.10		0.00
	KHPC	1,320.000	2,203.380	1,749,092.40		0.00
	THPC	24,792.000	21,314.081	-6,886,279.28		0.00
	KHSTPP-II	26,761.343	26,360.956	-688,190.711		0.00
	FSTPP-III	9,922.161	9,898.455	6,265.030		0.00
	TEESTA	12,114.000	12,324.545	444,270.736		0.00
	MAITHON R/B	10,582.918	10,663.527	211,719.254		0.00
	Vedanta	0.000	-258.045	-561,789.503		0.00
	BARH	13,586.166	13,088.509	-1,040,608.736		0.00
	NVVN-NEPAL	-1,199.520	-1,299.792	-218,734.754		0.00
	APNRL	11,491.555	11,507.927	53,955.781		0.00
	GMRKEL	14,257.250	14,923.709	1,826,601.013		0.00
	JITPL	19,490.480	20,314.982	1,463,404.814		0.00
	TPTCL	2,572.703	2,298.624	-1,072,693.62		-279,031.68
	BRBCL	0.000	-44.745	-97,378.506		0.00
	TALCHER SOLAR	40.363	41.366	9,263.653		0.00
	JORETHANG HEP	2,471.520	1,862.872	-1,337,460.823		-379,292.22
	IND Barath	0.000	-11.200	-24,278.477		0.00
	HVDC SASARAM	-18.350	-24.069	-12,275.673		0.000
	VAE	-1,494.005	0.000	3,057,820.301		0.00
	NVVN	-10,992.610	-11,001.673	19,998.391		0.00
CHUZACHEN	2,611.920	2,737.863	272,148.444		0.00	
21/09/16	BSPHCL	-62,858.378	-62,559.830	175,408.26		-211,771.90
	JUVNL	-15,188.713	-14,211.090	1,434,856.01		0.00
	DVC	27,797.982	26,622.225	-1,452,689.70		-52,404.69
	GRIDCO	-18,392.910	-19,962.072	-2,303,123.81		-459,417.07
	SIKKIM	-1,204.228	-1,124.976	177,166.61		-3,369.01
	WBSETCL	-40,480.433	-41,634.629	-2,143,230.94		-232,001.14
	NER	3,269.303	-18,490.881	-37,816,284.20		-34,978,622.60
	NR	-84,362.303	-56,305.304	46,159,747.64		-472,148.64
	SR	-30,350.938	-14,847.636	26,927,850.24		-347,082.61
	WR	31,403.133	13,842.999	-30,759,711.56		-22,482,727.10
	FSTPP-I & II	21,716.530	21,360.654	-668,684.91		-31,666.79
	KHSTPP-I	11,727.126	11,539.733	-262,306.37		0.00
	TSTPP	18,006.729	17,967.566	-6,974.66		0.00
	RANGIT	1,449.000	1,506.072	95,811.13		-1,431.12
	CHPC	6,370.500	8,779.043	5,419,222.49		0.00
	KHPC	1,320.000	2,050.243	1,445,881.54		0.00
	THPC	25,647.000	21,122.330	-8,958,846.13		0.00
	KHSTPP-II	25,436.747	24,994.190	-650,952.917		-1,386.78
	FSTPP-III	8,840.558	8,751.382	-142,132.176		0.00
	TEESTA	12,114.000	12,346.582	405,365.532		-2,977.45
	MAITHON R/B	11,003.260	10,970.109	-894.073		0.00
	Vedanta	0.000	-239.091	-405,877.902		0.00
	BARH	12,680.398	12,526.363	-233,465.840		0.00
	NVVN-NEPAL	-1,199.520	-1,226.323	-53,272.824		0.00
	APNRL	11,491.555	11,523.636	54,918.935		-1,775.14
	GMRKEL	14,648.368	14,568.727	142,862.557		0.00
	JITPL	19,985.708	20,165.309	377,748.350		-5,395.71
	TPTCL	2,956.560	1,538.763	-2,413,443.18		-169,386.42
	BRBCL	0.000	-36.364	-62,119.624		0.00
	TALCHER SOLAR	40.363	34.803	-57,896.743		0.00
	JORETHANG HEP	2,471.520	2,239.416	-501,302.294		-113,243.48
	IND Barath	0.000	-11.782	-21,077.294		0.00
	HVDC SASARAM	-19.073	-23.659	-7,943.267		0.00
	VAE	-1,584.805	0.000	1,995,960.545		0.00
	NVVN	-10,911.115	-10,780.727	226,994.589		-2,392.49
CHUZACHEN	2,611.920	2,733.327	211,305.263		-63.19	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 19/09/2016 to 25/09/2016

					Page 2 of 2	
DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.	
22/09/16	BSPHCL	-67,938.087	-68,530.146	-682,421.85	-14,811.37	
	JUVNL	-15,242.178	-14,474.716	686,703.30	-2,898.74	
	DVC	26,439.585	23,954.928	-2,857,134.30	-66,153.57	
	GRIDCO	-23,331.345	-25,007.750	-1,387,202.07	-213,882.62	
	SIKKIM	-1,143.775	-1,130.052	62,881.45	0.00	
	WBSETCL	-44,142.150	-45,815.786	-1,932,671.56	-177,335.27	
	NER	4,816.285	-11,441.297	-20,525,219.43	-18,483,023.19	
	NR	-78,111.047	-44,156.293	40,546,818.83	0.00	
	SR	-30,264.353	-13,839.054	18,955,943.82	0.00	
	WR	36,599.953	10,704.920	-30,754,697.90	-24,802,211.80	
	FSTPP-I & II	20,734.138	20,416.662	-578,389.78	-55,785.18	
	KHSTPP-I	12,011.704	11,741.779	-340,194.10	0.00	
	TSTPP	18,276.596	18,276.530	61,083.28	0.00	
	RANGIT	1,449.000	1,512.980	74,758.61	0.00	
	CHPC	6,490.000	9,018.836	5,689,881.63	0.00	
	KHPC	2,040.000	1,911.697	-254,039.54	0.00	
	THPC	25,910.000	21,699.271	-8,337,243.83	0.00	
	KHSTPP-II	25,692.104	25,475.314	-158,540.53	0.00	
	FSTPP-III	9,520.285	9,388.083	-185,573.66	0.00	
	TEESTA	12,114.000	12,393.563	347,042.05	0.00	
	MAITHON R/B	11,275.610	11,196.945	-54,015.26	0.00	
	Vedanta	0.000	-288.682	-392,950.74	-502.58	
	BARH	12,567.779	12,251.345	-415,986.335	0.00	
	NVVN-NEPAL	-1,199.520	-1,327.680	-177,420.936	0.00	
	APNRL	11,266.555	11,427.491	280,311.74	0.00	
	GMRKEL	15,082.463	14,075.854	-995,072.70	0.00	
	JITPL	20,724.980	20,839.345	134,886.52	0.00	
	TPCL	1,302.068	1,202.492	-82,870.45	-9,076.10	
	BRBCL	0.000	-40.782	-51,591.108	0.00	
	TALCHER SOLAR	42.180	25.451	-170,338.16	0.00	
	JORETHANG HEP	2,471.520	2,282.824	-365,207.19	-107,555.93	
	IND Barath	0.000	-10.764	-12,793.95	0.00	
	HVDC SASARAM	-19.820	-17.081	4,452.86	0.00	
	VAE	-540.172	0.000	885,075.26	0.00	
	NVVN	-10,983.905	-10,925.963	85,716.47	0.00	
	CHUZACHEN	2,611.920	2,736.720	153,740.20	0.00	
	23/09/16	BSPHCL	-69,546.845	-71,861.382	-3,822,161.08	-117,013.50
		JUVNL	-16,485.270	-16,645.303	-280,189.39	-47,522.93
		DVC	25,209.358	21,747.868	-6,159,518.63	-3,051,553.74
		GRIDCO	-23,605.822	-24,517.680	-1,283,277.77	-335,299.90
		SIKKIM	-1,350.821	-1,129.686	367,887.64	0.00
		WBSETCL	-42,889.223	-44,255.689	-2,045,590.21	-207,245.63
		NER	4,178.510	-13,269.081	-30,433,593.70	-27,495,501.73
NR		-67,615.447	-47,106.612	35,396,751.99	0.00	
SR		-25,194.033	-10,026.909	26,704,890.67	0.00	
WR		19,428.480	10,952.132	-15,708,879.85	-16,348,448.68	
FSTPP-I & II		25,195.531	24,835.309	-587,344.87	-12,110.33	
KHSTPP-I		12,923.172	12,585.766	-540,119.77	0.00	
TSTPP		21,739.262	21,735.666	6,880.62	0.00	
RANGIT		1,449.000	1,505.084	104,232.15	0.00	
CHPC		6,060.000	8,808.196	6,183,440.71	0.00	
KHPC		1,920.000	2,019.042	196,103.16	0.00	
THPC		25,479.750	21,192.471	-8,488,812.19	0.00	
KHSTPP-II		26,777.506	26,524.090	-351,950.299	0.00	
FSTPP-III		8,718.366	8,720.163	24,359.694	0.00	
TEESTA		12,114.000	12,277.127	303,588.545	0.00	
MAITHON R/B		11,466.260	11,460.691	27,138.361	0.00	
Vedanta		0.000	-235.364	-415,279.320	0.00	
BARH		11,514.867	10,626.872	-1,671,036.705	-198,644.50	
NVVN-NEPAL		-1,199.520	-1,335.139	-237,198.108	0.00	
APNRL		11,656.435	11,625.018	-70,839.843	0.00	
GMRKEL		14,441.990	14,433.309	173,907.327	-223.35	
JITPL		18,907.785	19,259.418	653,542.019	0.00	
TPCL		1,962.565	1,473.229	-874,258.10	-6,926.39	
BRBCL		0.000	-43.109	-75,618.384	0.00	
TALCHER SOLAR		32.458	42.260	85,623.75	0.00	
JORETHANG HEP		2,471.520	2,146.064	-454,581.39	-115,412.59	
IND Barath		0.000	-10.764	-19,127.24	0.00	
HVDC SASARAM		-20.160	-11.647	14,943.87	0.00	
VAE		-737.719	0.000	966,914.39	0.00	
NVVN		-10,973.158	-10,815.273	276,523.183	0.00	
CHUZACHEN		2,611.920	2,737.980	220,636.858	0.00	
24/09/16		BSPHCL	-67,348.952	-65,161.266	1,034,487.40	-270,317.17
		JUVNL	-16,003.683	-14,870.062	1,187,141.40	-21,057.76
		DVC	20,853.183	13,132.529	-11,176,808.73	-6,174,168.66
		GRIDCO	-21,288.883	-24,234.721	-3,404,008.42	-1,378,937.99
		SIKKIM	-1,233.335	-1,108.624	155,000.83	-3,830.74
		WBSETCL	-39,132.793	-40,126.436	-1,134,811.09	-66,794.77
		NER	5,445.090	-17,817.521	-33,186,117.01	-30,785,911.30
	NR	-78,015.274	-46,833.196	43,835,366.73	-509,285.32	
	SR	-21,259.648	-10,782.763	16,658,804.82	-295,697.42	
	WR	20,539.603	13,139.859	-12,394,944.27	-9,296,311.24	
	FSTPP-I & II	28,131.011	27,950.183	-365,693.76	0.00	
	KHSTPP-I	11,171.133	10,897.237	-377,069.67	-8,994.37	
	TSTPP	21,990.434	21,905.415	-169,842.29	0.00	
	RANGIT	1,449.000	1,501.639	72,436.39	-1,411.90	
	CHPC	6,080.000	8,605.181	5,681,656.23	0.00	
	KHPC	1,920.000	1,988.626	135,878.69	0.00	
	THPC	24,976.950	20,704.017	-8,460,406.68	0.00	
	KHSTPP-II	25,277.815	25,104.812	-128,259.815	-5,577.59	
	FSTPP-III	8,611.866	8,552.780	-48,459.213	-2,252.67	
	TEESTA	12,114.000	12,224.363	152,332.358	-1,941.81	
	MAITHON R/B	11,409.283	11,336.582	-35,183.600	0.00	
	Vedanta	0.000	-241.227	-344,040.204	0.00	
	BARH	11,405.210	11,097.382	-469,413.546	-899.73	
	NVVN-NEPAL	-1,199.520	-1,263.686	-116,942.678	0.00	
	APNRL	10,110.640	10,198.909	173,661.045	-608.43	
	GMRKEL	14,830.135	14,296.000	-396,058.468	-111.57	
	JITPL	19,914.320	20,042.763	-23,478.477	-11,084.54	
	TPCL	2,452.810	1,473.501	-1,373,183.75	-9,680.70	
	BRBCL	0.000	-43.073	-62,560.308	0.00	
	TALCHER SOLAR	39.520	30.888	-88,581.15	0.00	
	JORETHANG HEP	2,471.520	2,154.968	-260,523.55	-64,770.86	
	IND Barath	0.000	-10.473	-16,229.26	0.00	
	HVDC SASARAM	-20.160	-11.282	12,547.28	179.16	
	VAE	-741.383	0.000	807,102.05	0.00	
	NVVN	-11,021.660	-10,914.800	142,741.557	-2,029.20	
	CHUZACHEN	2,611.920	2,736.342	178,809.619	-944.29	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 19/09/2016 to 25/09/2016

Page 3 of 3

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
25/09/16	BSPHCL	-59,907.353	-55,419.371	2,853,001.74	-261,492.06
	JUVNL	-15,278.418	-13,343.863	1,720,596.68	-104,396.64
	DVC	26,982.825	26,750.339	-571,864.36	-23,649.55
	GRIDCO	-25,342.076	-27,208.715	-2,488,195.81	-231,513.50
	SIKKIM	-1,248.043	-1,012.055	334,057.82	-13,196.39
	WBSETCL	-32,816.778	-32,092.561	-405,866.18	-36,410.69
	NER	1,941.873	-21,815.859	-34,432,635.44	-32,047,478.24
	NR	-68,164.482	-51,712.002	25,241,454.42	-227,571.74
	SR	-27,628.825	-6,592.800	30,657,514.12	-874,141.02
	WR	12,046.128	-7,519.552	-28,493,674.75	-24,457,821.31
	FSTPP-I & II	25,121.004	25,818.161	692,122.35	-93,114.68
	KHSTPP-I	12,519.240	11,857.932	-950,922.31	-58,764.71
	TSTPP	17,722.875	17,768.264	157,844.00	-93.75
	RANGIT	1,449.000	1,492.843	58,590.90	-2,185.13
	CHPC	5,337.500	8,403.922	6,899,448.88	0.00
	KHPC	1,464.000	2,077.499	1,214,727.62	0.00
	THPC	23,675.000	20,219.790	-6,841,316.37	0.00
	KHSTPP-II	24,717.566	24,526.721	-112,529.497	0.00
	FSTPP-III	7,864.055	8,080.402	290,239.517	-25,371.89
	TEESTA	12,114.000	12,263.054	217,303.020	-1,553.45
	MAITHON R/B	17,804.000	17,768.909	3,983.499	0.00
	Vedanta	0.000	-220.636	-328,817.878	0.00
	BARH	10,590.719	10,285.745	-456,934.118	-532.88
	NVVN-NEPAL	-1,199.520	-1,175.251	42,960.157	0.00
	APNRL	8,976.265	9,057.891	121,205.132	-3,903.05
	GMRKEL	13,955.078	13,576.727	-233,218.893	-162.65
	JITPL	19,341.953	19,147.636	-757,871.665	-293,863.09
	TPTCL	1,022.570	1,411.136	531,847.62	-23,507.71
	BRBCL	0.000	-18.727	-28,612.099	0.00
	TALCHER SOLAR	39.520	34.016	-52,837.50	0.00
	JORETHANG HEP	2,471.520	2,042.104	-666,999.80	-177,145.89
	IND Barath	0.000	-10.982	-16,510.92	0.00
	HVDC SASARAM	-25.193	-9.387	22,608.16	654.68
	VAE	-1,022.357	0.000	1,288,829.64	0.00
	NVVN	-11,001.070	-10,916.400	121,445.785	-2,700.75
	CHUZACHEN	2,611.920	2,733.111	178,878.511	-2,737.64

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 19/09/16 TO 25/09/16	BSPHCL	-465961.23	-464752.53	-8,034,668.00	-1,270,262.35
	JUVNL	-107867.80	-102727.96	2,533,370.00	-620,877.07
	DVC	170321.33	155766.98	-13,538,819.00	-9,449,332.33
	GRIDCO	-154614.27	-165257.15	-8,245,479.00	-3,377,026.11
	SIKKIM	-8605.57	-7680.81	2,981,416.00	-20,396.13
	WBSETCL	-290450.21	-297800.16	-15,031,582.00	-1,381,784.13
	NER	23063.86	-127677.54	-275,134,957.00	0.00
	NR	-550103.01	-350292.06	355,211,538.00	0.00
	SR	-182463.38	-90372.14	152,174,991.00	0.00
	WR	193641.38	84298.00	-190,265,952.00	0.00
	FSTPP-I & II	184874.47	183690.76	-2,965,804.89	-193,304.81
	KHSTPP-I	84362.78	81587.34	-4,723,552.16	-97,419.88
	KHSTPP-II	182330.18	180671.67	-1,834,768.53	-6,964.37
	TSTPP	134785.55	134980.62	761,636.73	-93.75
	FSTPP-III	62902.48	62800.90	-63,818.98	-27,624.56
	TEESTA	84798.00	86184.25	2,553,786.00	-6,472.72
	MAITHON R/B	84643.59	84545.02	295,654.31	0.00
	Vedanta	0.00	-1711.41	-3,067,623.00	-502.58
	RANGIT	10143.00	10515.33	639,494.00	-5,028.14
	BARH	84843.27	81967.09	-5,239,072.51	-212,104.33
	NVVN-NEPAL	-8396.64	-8941.41	-1052643.65	0.00
	APNRL	75153.65	75465.09	634,152.00	-6,286.62
	GMRKEL	101437.85	100978.76	3,048,559.00	-497.56
	JITPL	139125.65	140985.23	2,971,311.40	-310,343.34
	TPTCL	14360.68	12203.99	-3793053.13	-497609.00
	BRBCL	0.00	-258.04	-463334.83	0.00
	TALCHER SOLAR	274.77	248.10	-284556.08	0.00
JORETHANG HEP	17300.64	14940.65	-4384284.55	-1142721.32	
IND Barath	0.00	-76.15	-138595.55	0.00	
HVDC SASARAM	-140.83	-120.97	18426.76	833.84	
VAE	-7248.98	0.00	11734114.08	0.00	
NVVN-BD	-76894.09	-76230.47	1,146,959.00	-7,122.44	
CHUZACHEN	18283.44	19153.60	1,554,538.00	-3,745.12	

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:06/10/16

RRAS Account for Week: 19.09.16 TO 25.09.16

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	1043.39617	822196	2708656	521698	4052551
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	768.14168	780432	1892701	384071	3057204
4	KhSTPP-II	5088.47199	5887362	11881582	2544236	20313180
5	TSTPP-I	120.02383	109102	197559	60012	366673
6	BARH STPP-II	690.27029	1318416	1922403	345135	3585954

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	173.750000	428120	321090
4	KhSTPP-II	48.000000	112080	84060
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	42.000000	116970	87728

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	1043.396165	142291	BSEB
			232866	JSEB
			23326	DVC
			134180	WBSEB
			103194	SIKKIM
			21110	DELHI
			15173	PUNJAB.
			36658	RAJASTHAN
			30879	HARYANA
			50571	ASSAM
		31948	AR.PRADESH	
2	FSTPP III	0.000000	0	0
			0	0
3	KhSTPP-I	768.141675	303286	BSEB
			5524	JSEB
			17224	DVC
			48149	SIKKIM
			95414	DELHI
			63799	PUNJAB.
			107111	RAJASTHAN
			114621	HARYANA
			9350	ASSAM
		15956	AR.PRADESH	
4	KhSTPP-II	5088.471990	114821	BSEB
			14434	JSEB
			70922	DVC
			40155	SIKKIM
			72952	UTTARANCHAL
			256626	DELHI
			66783	PUNJAB.
			585055	RAJASTHAN
			424991	HARYANA
			140367	HP
			811256	M.P
			189519	CHHATISGARH
			2277702	MAHA RASHTRA
717320	GUJRAT			
		104458	ASSAM	
5	TSSTPP-I	120.023832	5849	BSEB
			51504	JSEB
			40669	DVC
			11080	AR.PRADESH
6	BARH STPP-II	690.270293	173081	BSEB
			535470	JSEB
			387656	GRIDCO
			222209	SIKKIM

A) RRAS settlement account for the week 19.09.16 TO 25.09.16 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.