



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: 20.10.2016

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 03.10.2016 to 09.10.2016**

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, 3<sup>rd</sup> 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, 4<sup>th</sup> 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, 2<sup>nd</sup> 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., 1<sup>st</sup> 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, Bhubaneswar- 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, 7<sup>th</sup> floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> 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 03.10.16 TO 09.10.16**

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	124.25679	26.05525	150.31204	BSPHCL	72.72885	8.76850	63.96035
DVC	2.46887	7.66426	10.13313	GRIDCO	190.55325	5.64208	184.91117
WBSETCL	48.40891	5.97079	54.37970	SIKKIM	49.90127	0.48721	49.41406
NER	2081.93636	0.00000	2081.93636	NR	1637.19328	0.00000	1637.19328
WR	1939.76306	0.00000	1939.76306	SR	2284.04733	0.00000	2284.04733
FSTPP I&II	16.18434	0.23331	16.41765	HDVC SASARAM	0.63199	0.00562	0.62637
BRBCL	12.06271	0.00000	12.06271	TSTPP	1.71441	0.04502	1.66939
KHSTPP-I	30.87019	0.75134	31.62154	RANGIT	8.85243	0.09586	8.75657
TALCHER SOLAR	4.66257	0.00000	4.66257	JORETHANG LOOP HEP	0.14739	3.44398	-3.29659
NVVN-NEPAL	0.00020	0.00000	0.00020	GMRKEL	25.59619	0.00000	25.59619
IND BARATH	1.19819	0.00000	1.19819	FSTPP -III	3.09394	0.00543	3.08851
TPTCL	8.89195	0.02167	8.91362	CHUZACHEN	12.98852	0.05563	12.93288
KHSTPP-II	13.31487	0.02963	13.34450	TEESTA	29.23490	0.08932	29.14557
VEDANTA	45.31598	0.00000	45.31598	JITPL	17.19930	0.32957	16.86973
NVVN-BD	6.25158	1.82656	8.07814	MAITHON R/B	18.77527	0.08538	18.68989
BARH	94.03681	7.94721	101.98402	APNRL	4.10635	4.43927	-0.33293
				VAE OF EASTERN REGION	73.22446		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-0.36572		
<b>TOTAL</b>	<b>4429.62339</b>	<b>50.50003</b>	<b>4480.12342</b>		<b>4429.62339</b>	<b>23.49289</b>	<b>4333.27177</b>

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

**73.99292**

**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 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 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 03/10/2016 to 09/10/2016**

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.	IN Rs.
<b>03-10-16</b>	<b>BSPHCL</b>	<b>-74,102.614</b>	<b>-74,210.700</b>	<b>-1,382,519.18</b>		<b>-145,555.04</b>
	JUVNL	-16,776.138	-18,343.790	-2,784,208.16		-402,740.81
	DVC	26,297.956	25,113.535	-1,177,054.44		-374,598.81
	GRIDCO	-19,562.937	-18,868.299	969,420.59		-57,730.74
	SIKKIM	-1,284.435	-945.565	626,000.08		-12,799.80
	WBSETCL	-41,345.193	-43,183.116	-2,993,154.77		-46,673.57
	NER	1,892.393	-25,822.705	-49,834,582.73		-46,770,435.77
	NR	-80,668.565	-65,324.074	24,927,899.09		-889,432.00
	SR	-25,623.668	-6,622.691	32,141,173.68		-796,539.08
	WR	7,913.220	4,213.694	-2,955,879.26		-5,543,436.97
	FSTPP-I & II	29,381.034	29,125.303	-401,120.13		-21,643.16
	KHSTPP-I	14,416.578	13,708.442	-1,132,402.63		-61,375.25
	TSTPP	22,566.504	22,483.315	-128,233.47		-746.62
	RANGIT	1,449.000	1,515.763	126,337.46		-2,919.91
	CHPC	6,469.300	11,771.546	11,930,054.05		0.00
	KHPC	1,536.000	2,095.207	1,107,230.26		0.00
	THPC	25,176.000	18,414.228	-13,388,309.49		0.00
	KHSTPP-II	25,184.030	24,987.519	-127,484.43		0.00
	FSTPP-III	8,689.992	8,641.223	-96,723.78		-543.01
	TEESTA	12,114.000	12,352.036	483,503.66		-2,071.27
	MAITHON R/B	20,682.375	20,762.909	391,835.85		0.00
	Vedanta	0.000	-393.409	-730,306.003		0.00
	BARH	21,140.898	20,693.563	-690,830.759		0.00
	NVVN-NEPAL	0.000	0.010	39.345		0.00
	APNRL	8,709.938	8,924.436	375,310.817		-11,114.88
	GMRKEL	14,717.903	14,780.509	738,482.516		0.00
	JITPL	23,643.405	24,161.454	1,039,867.99		-11,327.66
	TPTCL	1,419.120	1,472.854	98,626.51		-1,969.14
	BRBCL	0.000	-172.545	-330,453.123		0.00
	TALCHER SOLAR	40.080	40.901	7,565.79		0.00
	JORETHANG HEP	2,159.520	2,233.416	150,543.20		-63,218.62
	IND Barath	0.000	-9.964	-21,575.02		0.00
	HVDC SASARAM	-22.463	-12.083	19,883.878		283.999
	VAE	-1,073.467	0.000	1,464,439.259		0.000
	NVVN	-10,338.273	-10,250.691	175,613.458		-4,954.88
	CHUZACHEN	2,113.790	2,165.013	26,476.770		-3,740.53
<b>04-10-16</b>	<b>BSPHCL</b>	<b>-72,460.996</b>	<b>-73,183.958</b>	<b>-1,442,753.10</b>		<b>-80,554.16</b>
	JUVNL	-17,122.673	-18,974.448	-2,905,933.83		-767,671.51
	DVC	21,119.983	20,626.364	-747,941.44		-64,418.82
	GRIDCO	-21,995.869	-20,365.900	2,120,805.06		-7,889.80
	SIKKIM	-1,314.439	-1,036.654	453,370.90		0.00
	WBSETCL	-39,901.583	-41,415.302	-2,360,002.65		-26,578.64
	NER	597.925	-24,038.228	-41,758,524.83		-39,016,330.66
	NR	-74,996.707	-61,021.696	22,274,377.24		0.00
	SR	-25,914.233	-7,969.163	31,246,919.31		0.00
	WR	13,398.179	10,743.684	-4,573,188.64		-6,460,149.22
	FSTPP-I & II	28,888.746	28,787.480	-179,534.08		0.00
	KHSTPP-I	14,149.989	13,656.477	-745,041.88		-6,140.18
	TSTPP	22,529.502	22,485.891	-15,487.09		0.00
	RANGIT	1,449.000	1,513.022	103,673.50		0.00
	CHPC	6,363.750	11,482.959	11,518,219.13		0.00
	KHPC	1,296.000	2,049.606	1,492,139.88		0.00
	THPC	24,472.500	17,962.790	-12,889,226.23		0.00
	KHSTPP-II	25,308.979	25,185.960	-129,806.985		0.00
	FSTPP-III	8,569.133	8,575.410	64,056.073		0.00
	TEESTA	10,686.000	10,871.673	293,625.682		0.00
	MAITHON R/B	21,903.625	21,920.327	179,300.119		0.00
	Vedanta	0.000	-301.182	-500,430.303		0.00
	BARH	17,136.144	15,186.109	-3,440,255.813		-637,590.23
	NVVN-NEPAL	0.000	-0.019	-32.759		0.00
	APNRL	8,805.805	8,872.727	123,226.445		0.00
	GMRKEL	14,610.880	14,412.218	113,513.375		0.00
	JITPL	24,074.165	24,275.127	515,412.638		0.00
	TPTCL	1,419.120	1,440.359	50,670.34		-198.11
	BRBCL	0.000	-82.545	-142,260.971		0.00
	TALCHER SOLAR	31.648	24.468	-75,032.114		0.00
	JORETHANG HEP	2,304.480	2,343.448	64,080.684		0.00
	IND Barath	0.000	-9.091	-15,366.783		0.00
	HVDC SASARAM	-24.480	-12.261	20,334.872		0.000
	VAE	-83.767	0.000	126,776.272		0.000
	NVVN	-10,738.393	-10,590.582	226,528.324		0.00
	CHUZACHEN	2,083.500	2,205.882	304,534.424		0.00
<b>05-10-16</b>	<b>BSPHCL</b>	<b>-70,923.961</b>	<b>-71,928.016</b>	<b>-2,437,953.01</b>		<b>-71,849.95</b>
	JUVNL	-16,745.555	-18,270.460	-2,473,964.55		-161,007.44
	DVC	22,405.439	21,752.996	-818,691.32		-122,566.97
	GRIDCO	-22,147.485	-20,794.036	1,681,065.12		-98,228.80
	SIKKIM	-1,305.723	-1,147.173	281,722.28		-6,946.09
	WBSETCL	-39,945.093	-39,923.782	132,056.88		-117,081.58
	NER	-367.130	-11,855.397	-18,453,336.98		-15,800,755.70
	NR	-87,038.319	-62,149.420	39,110,730.66		-469,071.67
	SR	-23,896.945	-11,866.400	19,813,417.13		-3,764.86
	WR	27,555.818	6,403.458	-34,633,776.46		-28,316,821.08
	FSTPP-I & II	29,130.826	28,512.533	-1,134,432.78		-1,687.87
	KHSTPP-I	14,443.266	14,088.930	-580,019.58		-7,539.18
	TSTPP	22,347.627	22,322.309	-23,769.38		-1,281.16
	RANGIT	836.250	939.550	155,122.94		0.00
	CHPC	6,720.000	10,887.745	9,377,425.36		0.00
	KHPC	1,440.000	2,083.223	1,273,581.14		0.00
	THPC	22,680.000	17,031.697	-11,183,640.39		0.00
	KHSTPP-II	24,704.618	24,292.960	-409,018.690		0.00
	FSTPP-III	8,308.670	8,267.557	-41,652.869		0.00
	TEESTA	12,114.000	12,378.836	423,777.690		-3,495.27
	MAITHON R/B	21,997.125	22,035.709	155,146.460		-1,096.31
	Vedanta	0.000	-296.227	-475,026.918		0.00
	BARH	11,368.843	10,304.072	-1,726,752.523		-35,761.48
	NVVN-NEPAL	0.000	0.010	0.000		0.00
	APNRL	9,066.890	9,151.563	135,237.214		-1,158.21
	GMRKEL	14,410.870	14,248.000	246,891.534		0.00
	JITPL	24,947.850	24,912.581	71,258.798		0.00
	TPTCL	1,638.120	1,472.789	-224,434.80		0.00
	BRBCL	0.000	-92.982	-138,802.477		0.00
	TALCHER SOLAR	40.080	29.593	-105,402.270		0.00
	JORETHANG HEP	2,304.480	1,912.176	-717,021.087		-169,911.33
	IND Barath	0.000	-9.382	-18,542.473		0.00
	HVDC SASARAM	-24.530	-20.128	7,583.716		47.79
	VAE	-619.666	0.000	778,639.973		0.00
	NVVN	-10,903.538	-10,966.109	-69,200.311		0.00
	CHUZACHEN	1,938.600	1,947.609	15,356.272		-150.41

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 03/10/2016 to 09/10/2016**

Page 2 of 2  
Additional Deviation  
Charge in Rs.

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
<b>06-10-16</b>	<b>BSPHCL</b>	<b>-72,271.211</b>	<b>-70,896.495</b>	<b>1,445,031.33</b>	<b>-70,289.00</b>
	JUVNL	-16,329.988	-17,367.955	-2,380,595.32	-498,658.35
	DVC	23,865.813	23,274.968	-1,276,755.33	-79,622.24
	GRIDCO	-18,741.543	-17,037.922	2,631,337.34	-54,654.86
	SIKIM	-1,472.288	-1,181.060	559,784.90	-11,130.98
	WBSETCL	-37,663.568	-36,847.850	1,335,961.85	-53,882.96
	NER	-262.995	-16,243.072	-31,936,603.51	-28,642,205.83
	NR	-89,517.694	-66,746.846	44,347,810.58	-307,615.22
	SR	-32,974.853	-12,302.763	39,729,592.02	-93,639.34
	WR	41,652.875	11,858.614	-57,276,741.42	-46,916,322.58
	FSTPP-I & II	26,129.902	26,036.360	-152,718.95	0.00
	KHSTPP-I	14,318.504	14,232.641	-134,561.21	0.00
	TSTPP	21,064.408	21,073.423	53,323.48	0.00
	RANGIT	1,449.000	1,521.308	140,978.05	-1,802.78
	CHPC	6,360.000	10,929.943	10,282,372.64	0.00
	KHPC	1,440.000	2,061.014	1,229,608.51	0.00
	THPC	23,766.000	17,097.708	-13,203,217.50	0.00
	KHSTPP-II	26,613.304	26,368.589	-355,477.75	0.00
	FSTPP-III	7,939.112	7,923.494	-13,827.73	0.00
	TEESTA	12,114.000	12,384.473	543,958.97	-2,330.18
	MAITHON R/B	21,249.625	21,383.272	375,465.77	0.00
	Vedanta	0.000	-329.409	-658,343.67	0.00
	BARH	11,448.460	10,797.927	-1,407,474.734	-34,193.95
	NVVN-NEPAL	0.000	0.010	18.006	0.00
	APNRL	8,955.900	9,078.109	194,669.93	-4,394.57
	GMRKEL	14,457.825	14,790.109	1,041,062.90	0.00
	JITPL	19,648.883	19,735.200	48,247.38	-16,867.76
	TPCL	1,589.520	1,472.621	-230,471.94	0.00
	BRBCL	0.000	-211.109	-451,553.344	0.00
	TALCHER SOLAR	40.080	22.448	-169,610.92	0.00
	JORETHANG HEP	2,304.480	2,111.616	-352,234.63	-45,155.65
	IND Barath	0.000	-9.018	-20,348.68	0.00
	HVDC SASARAM	-25.720	-21.130	9,174.98	35.96
	VAE	-1,600.644	0.000	3,152,092.87	0.00
	NVVN	-10,994.505	-11,148.036	-341,285.79	0.00
	CHUZACHEN	1,912.920	2,023.308	247,059.07	-250.09
<b>07-10-16</b>	<b>BSPHCL</b>	<b>-73,859.851</b>	<b>-71,911.624</b>	<b>1,980,762.90</b>	<b>-3,554.59</b>
	JUVNL	-16,027.835	-17,667.317	-3,745,841.88	-565,302.15
	DVC	28,152.278	27,678.252	-813,036.60	-30,949.96
	GRIDCO	-20,422.958	-19,073.246	2,053,219.12	-17,043.90
	SIKIM	-1,168.565	-1,126.214	54,552.06	0.00
	WBSETCL	-37,533.335	-36,660.319	1,747,412.30	-6,552.15
	NER	-256.528	-15,812.173	-34,603,808.01	-30,952,995.69
	NR	-82,172.189	-64,380.852	38,966,192.62	0.00
	SR	-35,986.878	-9,061.600	59,476,758.01	0.00
	WR	31,874.455	-169.939	-69,728,641.37	-59,751,834.50
	FSTPP-I & II	25,684.909	25,491.746	-401,145.02	0.00
	KHSTPP-I	14,225.356	14,003.873	-440,469.58	0.00
	TSTPP	22,227.084	22,280.162	55,297.39	0.00
	RANGIT	1,449.000	1,523.304	160,536.46	0.00
	CHPC	6,144.000	10,729.193	10,316,683.17	0.00
	KHPC	1,440.000	2,122.146	1,350,649.08	0.00
	THPC	22,446.000	16,783.674	-11,211,405.90	0.00
	KHSTPP-II	25,437.195	25,314.930	-94,299.413	0.00
	FSTPP-III	8,050.203	8,059.926	39,514.747	0.00
	TEESTA	10,387.500	10,627.018	526,025.290	0.00
	MAITHON R/B	21,382.500	21,580.218	567,894.861	0.00
	Vedanta	0.000	-551.909	-1,212,007.836	0.00
	BARH	14,042.197	13,516.581	-1,140,698.441	-39,437.31
	NVVN-NEPAL	0.000	0.019	37.928	0.00
	APNRL	8,569.178	8,368.873	-446,496.129	-346,133.94
	GMRKEL	14,660.683	15,096.363	1,121,257.543	0.00
	JITPL	22,754.240	22,851.709	97,060.540	0.00
	TPCL	1,589.520	1,472.867	-254,882.55	0.00
	BRBCL	0.000	50.309	37,005.451	0.00
	TALCHER SOLAR	40.080	25.209	-150,167.08	0.00
	JORETHANG HEP	1,531.930	1,655.112	241,806.92	0.00
	IND Barath	0.000	-7.345	-18,526.83	0.00
	HVDC SASARAM	-26.235	-22.499	8,180.64	0.00
	VAE	-1,045.418	0.000	1,800,497.51	0.00
	NVVN	-9,138.025	-9,305.709	-450,060.021	-30,530.02
	CHUZACHEN	1,925.470	2,182.770	560,408.673	0.00
<b>08-10-16</b>	<b>BSPHCL</b>	<b>-71,416.155</b>	<b>-64,991.970</b>	<b>4,425,489.53</b>	<b>-76,871.55</b>
	JUVNL	-16,209.548	-16,450.004	-224,439.76	-62,323.22
	DVC	25,336.367	24,700.804	-1,021,429.96	-28,033.54
	GRIDCO	-15,432.268	-16,002.273	-816,947.02	-220,508.34
	SIKIM	-1,146.390	-1,057.817	118,100.06	-3,454.80
	WBSETCL	-31,696.115	-29,273.709	2,111,246.18	-192,787.52
	NER	66.905	-13,383.825	-20,547,831.76	-18,079,878.40
	NR	-72,136.644	-73,740.054	-3,559,340.09	-1,490,462.20
	SR	-28,160.558	-8,285.018	29,526,062.46	-374,968.73
	WR	4,028.650	-5,771.545	-14,150,212.95	-11,505,368.06
	FSTPP-I & II	24,431.382	24,725.669	333,608.74	0.00
	KHSTPP-I	9,897.699	9,849.209	-73,075.69	0.00
	TSTPP	17,145.442	17,133.140	-21,880.04	-1,533.79
	RANGIT	1,449.000	1,518.383	102,079.39	-1,473.84
	CHPC	6,000.000	10,340.798	9,766,794.94	0.00
	KHPC	1,920.000	2,050.765	258,915.10	0.00
	THPC	22,800.000	16,176.108	-13,115,306.34	0.00
	KHSTPP-II	23,943.277	23,777.036	-156,700.464	-2,405.64
	FSTPP-III	7,763.410	7,859.748	123,018.687	0.00
	TEESTA	12,114.000	12,332.873	352,694.622	0.00
	MAITHON R/B	18,496.000	18,555.745	223,997.380	0.00
	Vedanta	0.000	-356.500	-532,011.527	0.00
	BARH	20,796.940	20,431.309	-594,452.697	-34,062.72
	NVVN-NEPAL	0.000	-0.029	-72.687	0.00
	APNRL	10,580.445	10,581.236	-20,631.781	0.00
	GMRKEL	14,376.560	14,007.927	-244,915.609	0.00
	JITPL	24,929.328	24,740.363	-316,321.284	-4,761.28
	TPCL	1,589.520	1,472.751	-172,532.19	0.00
	BRBCL	0.000	-66.745	-99,171.965	0.00
	TALCHER SOLAR	23.568	25.368	16,702.70	0.00
	JORETHANG HEP	2,026.190	2,353.216	460,773.23	-43,190.23
	IND Barath	0.000	-8.000	-13,897.82	0.00
	HVDC SASARAM	-20.160	-22.466	-3,498.11	0.00
	VAE	0.000	0.000	0.00	0.00
	NVVN	-9,111.238	-9,267.636	-275,268.695	-141,952.45
	CHUZACHEN	1,944.180	1,987.056	71,280.813	0.00

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 03/10/2016 to 09/10/2016**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
<b>09-10-16</b>	<b>BSPHCL</b>	<b>-70,380.133</b>	<b>-62,079.503</b>	<b>4,307,406.61</b>	<b>-428,176.06</b>
	JUVNL	-16,358.573	-15,836.343	37,396.08	-147,821.11
	DVC	24,375.009	23,653.785	-1,205,360.27	-66,235.61
	GRIDCO	-18,441.010	-18,977.861	-719,787.56	-108,152.03
	SIKKIM	-1,132.345	-891.054	280,434.17	-14,389.52
	WBSETCL	-27,847.193	-27,369.875	71,113.11	-153,522.95
	NER	562.870	-7,284.729	-11,058,948.50	-8,839,109.29
	NR	-74,276.177	-76,996.746	-2,348,342.51	-2,983,032.53
	SR	-18,427.545	-6,754.836	16,470,810.82	-717,624.18
	WR	6,185.098	-864.077	-10,657,866.30	-11,574,476.71
	FSTPP-I & II	22,467.704	22,640.302	316,907.82	0.00
	KHSTPP-I	11,360.679	11,335.535	18,551.15	-79.70
	TSTPP	16,338.437	16,480.752	252,189.72	-940.19
	RANGIT	1,449.000	1,521.810	96,515.36	-3,389.83
	CHPC	6,434.000	10,263.623	8,616,651.22	0.00
	KHPC	1,920.000	2,721.323	1,586,619.14	0.00
	THPC	22,580.000	16,055.383	-12,918,741.47	0.00
	KHSTPP-II	23,267.888	23,194.875	-58,698.856	-557.81
	FSTPP-III	7,737.781	7,897.242	235,008.605	0.00
	TEESTA	12,114.000	12,328.073	299,903.821	-1,035.63
	MAITHON R/B	18,264.063	18,226.581	-16,113.651	-7,441.60
	Vedanta	0.000	-316.455	-423,471.490	0.00
	BARH	20,655.902	20,342.181	-403,216.364	-13,675.00
	NVVN-NEPAL	0.000	-0.010	-10.253	0.00
	APNRL	7,626.708	7,699.927	49,318.154	-81,125.82
	GMRKEL	14,288.700	13,733.963	-456,673.005	0.00
	JITPL	18,867.170	19,002.545	264,403.767	0.00
	TPTCL	1,589.520	1,472.738	-156,170.32	0.00
	BRBCL	0.000	-60.400	-81,034.844	0.00
	TALCHER SOLAR	23.568	24.753	9,687.30	0.00
	JORETHANG HEP	2,201.340	2,198.720	166,791.12	-22,922.31
	IND Barath	0.000	-7.273	-11,561.30	0.00
	HVDC SASARAM	-23.930	-22.159	1,538.66	194.11
	VAE	0.000	0.000	0.00	0.00
	NVVN	-9,254.733	-9,166.109	108,515.462	-5,219.05
	CHUZACHEN	1,923.500	1,976.715	73,735.524	-1,422.22

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
<b>FOR THE WEEK FROM 03-10-16 TO 09-10-16</b>	BSPHCL	-505414.92	-489202.27	7,272,885.00	-876,850.36
	JUVNL	-115570.31	-122910.32	-12,425,679.00	-2,605,524.58
	DVC	171552.84	166800.70	-246,887.00	-766,425.93
	GRIDCO	-136744.07	-131119.54	19,055,325.00	-564,208.46
	SIKKIM	-8824.19	-7385.54	4,990,127.00	-48,721.19
	WBSETCL	-255932.08	-254673.95	-4,840,891.00	-597,079.38
	NER	2233.44	-114440.13	-208,193,636.00	0.00
	NR	-560806.29	-470359.69	163,719,328.00	0.00
	SR	-190984.68	-62862.47	228,404,733.00	0.00
	WR	132608.29	26413.89	-193,976,306.00	0.00
	FSTPP-I & II	186114.50	185319.39	-1,618,434.40	-23,331.04
	KHSTPP-I	92812.07	90875.11	-3,087,019.42	-75,134.31
	KHSTPP-II	174459.29	173121.87	-1,331,486.59	-2,963.45
	TSTPP	144219.00	144258.99	171,440.60	-4,501.76
	FSTPP-III	57058.30	57224.60	309,393.73	-543.01
	TEESTA	81643.50	83274.98	2,923,490.00	-8,932.34
	MAITHON R/B	143975.31	144464.76	1,877,526.79	-8,537.91
	Vedanta	0.00	-2545.09	-4,531,598.00	0.00
	RANGIT	9530.25	10053.14	885,243.00	-9,586.37
	BARH	116589.38	111271.74	-9,403,681.33	-794,720.70
	NVVN-NEPAL	0.00	-0.01	-20.42	0.00
	APNRL	62314.86	62676.87	410,635.00	-443,927.42
	GMRKEL	101523.42	101069.09	2,559,619.00	0.00
	JITPL	158865.04	159678.98	1,719,929.83	-32,956.70
	TPTCL	10834.44	10276.98	-889194.95	-2167.25
	BRBCL	0.00	-636.02	-1206271.27	0.00
	TALCHER SOLAR	239.10	192.74	-466256.59	0.00
	JORETHANG HEP	14832.42	14807.70	14739.44	-344398.13
	IND Barath	0.00	-60.07	-119818.90	0.00
	HVDC SASARAM	-167.52	-132.72	63198.63	561.86
	VAE	-4422.96	0.00	7322445.88	0.00
	NVVN-BD	-70478.70	-70694.87	-625,158.00	-182,656.40
	CHUZACHEN	13841.96	14488.35	1,298,852.00	-5,563.25

**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:20/10/2016

RRAS Account for Week: 03.10.16 TO 09.10.16

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	1505.50000	1186334	3908278	752750	5847362
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	239.95925	243799	591260	119980	955038
4	KhSTPP-II	2664.51180	3082840	6221635	1332256	10636731
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	112.69412	215246	313853	56347	585446

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	1505.500000	32600	BSEB
			3778	JSEB
			11207	DVC
			227431	GRIDCO
			893809	WBSEB
			3322	SIKKIM
			243	DELHI
			7047	PUNJAB.
			5718	RAJASTHAN
			1178	HARYANA
2	FSTPP III	0	0	0
3	KhSTPP-I	239.959253	12061	BSEB
			2404	DVC
			21233	SIKKIM
			8780	DELHI
			109092	RAJASTHAN
			90230	HARYANA
4	KhSTPP-II	2664.511801	25555	DVC
			3229	SIKKIM
			55113	UTTARANCHAL
			16341	DELHI
			135367	PUNJAB.
			257576	RAJASTHAN
			10558	HARYANA
			542483	M.P
			67431	CHHATISGARH
			1068929	MAHA RASHTRA
900259	GUJRAT			
5	TSSTPP-I	0.000000	0	0
6	BARH STPP-II	112.694117	65219	BSEB
			11895	JSEB
			104150	GRIDCO
			33982	SIKKIM

A) RRAS settlement account for the week 03.10.16 TO 09.10.16 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.