



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: 28.09.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 05.09.2016 to 11.09.2016

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 05.09.16 TO 11.09.16**

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	311.14002	43.16959	354.30961	GRIDCO	127.52883	9.82306	117.70577
JUVNL	18.82856	13.66324	32.49180	SIKKIM	22.46488	0.00000	22.46488
DVC	32.75805	2.69930	35.45735	NR	4613.42122	0.00000	4613.42122
WBSETCL	267.87714	12.58108	280.45822	SR	957.77082	0.00000	957.77082
NER	3082.16309	0.00000	3082.16309	TSTPP	7.05331	0.00000	7.05331
WR	2013.95604	0.00000	2013.95604	RANGIT	6.89055	0.00000	6.89055
HDVC SASARAM	0.43390	0.00000	0.43390	KHSTPP-II	2.50034	0.63253	1.86781
FSTPP I&II	30.37042	0.07797	30.44839	GMRKEL	32.74473	0.06223	32.68249
BRBCL	9.51842	0.00000	9.51842	CHUZACHEN	14.76012	1.81283	12.94729
KHSTPP-I	137.49265	23.40154	160.89420	TEESTA	19.91274	0.00000	19.91274
TALCHER SOLAR	0.75245	0.00000	0.75245	JITPL	34.88072	0.40379	34.47693
NVVN-NEPAL	14.20482	0.00000	14.20482	NVVN-BD	15.55489	0.00000	15.55489
IND BARATH	2.29594	0.00000	2.29594				
JORETHANG LOOP HEP	0.34516	4.32433	4.66949				
TPTCL	97.51044	0.00148	97.51192				
FSTPP -III	3.53799	0.00000	3.53799				
MAITHON R/B	18.08685	15.14293	33.22977				
VEDANTA	93.00576	24.28416	117.28992				
APNRL	2.90782	0.00000	2.90782				
BARH	66.55874	2.76506	69.32379				
				VAE OF EASTERN REGION	361.30318		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-13.04207		
TOTAL	6203.74426	142.11068	6345.85494		6203.74426	12.73444	5842.74870

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

154.84513

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 05/09/16-11/09/16 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 1.95% 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 05/09/2016 to 11/09/2016

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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.
05-09-16	BSPHCL	-65,348.600	-69,531.474	-9,294,516.61	-2,449,573.47
	JUVNL	-13,992.753	-14,645.446	-1,162,421.48	-416,597.45
	DVC	24,511.731	24,104.032	-417,362.44	-72,805.75
	GRIDCO	-16,221.918	-15,522.754	1,060,903.66	-70,580.83
	SIKKIM	-1,136.183	-1,139.834	17,433.99	0.00
	WBSETCL	-38,411.023	-40,505.995	-4,168,924.56	-274,658.36
	NER	3,108.100	-16,121.113	-39,714,320.50	-36,242,394.10
	NR	-85,684.750	-52,542.024	67,004,009.63	0.00
	SR	-23,503.810	-10,059.636	30,119,097.61	0.00
	WR	32,616.860	18,590.751	-30,532,431.80	-22,578,015.16
	FSTPP-I & II	32,072.348	31,740.395	-650,634.43	-1,843.96
	KHSTPP-I	12,657.071	12,146.133	-882,736.59	-7,073.01
	TSTPP	10,676.705	10,745.480	147,600.21	0.00
	RANGIT	1,449.000	1,506.092	123,050.81	0.00
	CHPC	7,200.000	8,875.705	3,770,337.05	0.00
	KHPC	1,992.000	1,976.378	-30,930.77	0.00
	THPC	25,200.000	21,354.899	-7,613,300.87	0.00
	KHSTPP-II	28,576.068	27,915.252	-1,076,324.60	-63,253.27
	FSTPP-III	9,189.257	9,216.604	60,250.40	0.00
	TEESTA	11,592.000	11,733.963	302,770.32	0.00
	MAITHON R/B	10,728.568	10,827.527	266,882.30	0.00
	Vedanta	1,285.765	-430.909	-3,950,370.249	-2,428,416.06
	BARH	5,929.666	5,261.673	-1,384,417.772	-26,789.82
	NVFN-NEPAL	-1,192.633	-1,253.251	-101,814.203	0.00
	APNRL	5,069.970	5,064.727	-20,559.853	0.00
	GMRKEL	10,299.185	10,352.654	161,473.140	-6,223.37
	JITPL	20,467.865	20,951.854	1,037,131.04	-25,396.21
	TP TCL	2,651.040	2,114.519	-1,090,519.01	0.00
	BRBCL	0.000	-14.945	-28,322.216	0.00
	TALCHER SOLAR	18.120	10.159	-74,888.17	0.00
	JORETHANG HEP	2,303.040	2,295.320	-66,048.57	-85,605.34
	IND Barath	0.000	-15.491	-34,099.98	0.00
	HVDC SASARAM	-20.160	-23.629	-7,196.546	0.000
	VAE	-687.302	0.000	1,153,487.618	0.000
	NVFN	-10,878.875	-10,831.563	78,999.537	0.00
	CHUZACHEN	2,468.290	2,443.653	-128,959.830	-181,283.04
09-06-16	BSPHCL	-66,329.171	-65,882.880	1,096,651.55	-81,021.49
	JUVNL	-13,713.643	-14,076.240	-1,409,414.60	-552,155.40
	DVC	24,310.487	24,521.059	497,840.69	-11,241.62
	GRIDCO	-18,743.248	-16,644.528	3,435,681.12	-330,024.64
	SIKKIM	-1,379.128	-1,159.329	602,234.41	0.00
	WBSETCL	-39,035.100	-39,014.938	48,855.82	-59,062.00
	NER	3,512.950	-18,086.878	-52,977,866.76	-48,918,509.40
	NR	-79,320.540	-44,599.639	83,004,564.51	0.00
	SR	-27,702.795	-20,114.763	19,375,679.92	-217,457.45
	WR	37,790.813	18,061.591	-48,151,999.78	-36,954,384.33
	FSTPP-I & II	28,751.179	28,767.714	-18,480.60	0.00
	KHSTPP-I	12,221.484	11,551.802	-1,572,556.22	-6,029.81
	TSTPP	20,580.536	20,571.435	-7,648.57	0.00
	RANGIT	1,229.000	1,274.166	115,142.84	0.00
	CHPC	7,200.000	8,760.181	3,510,407.02	0.00
	KHPC	1,920.000	1,284.390	-1,258,507.80	0.00
	THPC	25,200.000	21,076.947	-8,163,644.32	0.00
	KHSTPP-II	28,381.567	28,013.420	-658,056.300	0.00
	FSTPP-III	8,926.619	8,913.285	-13,895.736	0.00
	TEESTA	10,752.000	10,931.200	364,266.394	0.00
	MAITHON R/B	7,076.700	5,996.400	-2,377,587.647	-1,478,134.60
	Vedanta	0.000	-445.955	-1,072,278.209	0.00
	BARH	0.000	-412.473	-935,148.254	0.00
	NVFN-NEPAL	-1,197.715	-1,324.474	-312,834.998	0.00
	APNRL	5,431.530	5,286.982	-321,216.612	0.00
	GMRKEL	10,797.500	11,067.927	748,212.466	0.00
	JITPL	24,304.183	25,009.672	1,732,798.486	-3,399.44
	TP TCL	2,651.040	1,965.172	-1,681,769.11	0.00
	BRBCL	0.000	-27.345	-69,644.702	0.00
	TALCHER SOLAR	18.120	18.561	3,884.364	0.00
	JORETHANG HEP	2,303.040	2,480.608	431,346.385	0.00
	IND Barath	0.000	-14.545	-36,983.577	0.00
	HVDC SASARAM	-20.160	-23.357	-7,542.978	0.000
	VAE	-2,205.282	0.000	5,284,477.363	0.00
	NVFN	-11,002.968	-10,809.782	457,904.643	0.00
	CHUZACHEN	2,609.280	2,738.034	313,557.329	0.00
09-07-16	BSPHCL	-62,513.561	-65,620.410	-9,049,224.78	-897,316.45
	JUVNL	-13,917.498	-13,404.655	1,197,622.94	-14,051.15
	DVC	24,464.014	25,109.817	1,959,823.90	0.00
	GRIDCO	-19,719.748	-17,398.646	5,421,672.17	-2,764.53
	SIKKIM	-1,179.920	-1,167.641	30,875.44	0.00
	WBSETCL	-34,118.195	-33,004.883	3,317,940.17	-50,477.08
	NER	3,470.488	-18,964.524	-69,479,626.61	-64,316,865.65
	NR	-84,458.744	-52,943.079	98,908,157.13	0.00
	SR	-28,955.565	-21,870.545	24,297,440.41	-26,740.31
	WR	21,481.090	4,111.272	-56,921,496.38	-45,588,401.44
	FSTPP-I & II	30,767.903	30,637.383	-336,057.55	0.00
	KHSTPP-I	13,356.370	12,536.212	-2,060,606.33	-65,178.61
	TSTPP	22,370.474	22,561.659	520,939.23	0.00
	RANGIT	1,449.000	1,507.700	174,495.79	0.00
	CHPC	6,840.000	8,670.355	4,118,299.10	0.00
	KHPC	1,920.000	1,964.786	88,677.07	0.00
	THPC	25,440.000	20,860.827	-9,066,762.37	0.00
	KHSTPP-II	30,998.079	30,574.477	-1,025,171.593	0.00
	FSTPP-III	8,969.197	8,908.016	-179,411.254	0.00
	TEESTA	12,096.000	12,226.654	418,613.798	0.00
	MAITHON R/B	10,938.940	11,178.945	654,568.170	0.00
	Vedanta	0.000	-613.818	-1,920,599.443	0.00
	BARH	0.000	-405.055	-1,056,297.847	0.00
	NVFN-NEPAL	-1,198.800	-1,299.082	-294,570.968	0.00
	APNRL	5,374.080	5,454.982	244,328.139	0.00
	GMRKEL	13,696.825	13,968.945	869,372.843	0.00
	JITPL	25,547.508	26,324.218	2,330,970.102	-4,457.67
	TP TCL	2,651.040	1,690.438	-2,960,729.06	0.00
	BRBCL	0.000	-44.109	-139,366.602	0.00
	TALCHER SOLAR	18.120	13.005	-47,862.089	0.00
	JORETHANG HEP	2,303.040	2,344.464	59,171.200	-104,580.86
	IND Barath	0.000	-14.909	-49,157.820	0.00
	HVDC SASARAM	-20.160	-22.845	-7,960.937	0.00
	VAE	-4,357.033	0.000	11,727,879.677	0.00
	NVFN	-11,055.308	-10,914.400	411,362.659	0.00
	CHUZACHEN	2,609.280	2,739.078	401,309.107	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 05/09/2016 to 11/09/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/ GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
09-08-16	BSPHCL	-66,186.700	-65,904.576	722,702.68	-139,841.49
	JUVNL	-14,225.698	-13,473.095	1,285,178.90	0.00
	DVC	26,287.507	26,534.791	643,177.76	-21,002.90
	GRIDCO	-21,321.329	-19,805.565	2,738,581.58	-3,015.03
	SIKKIM	-1,333.695	-1,156.257	423,465.84	0.00
	WBSETCL	-34,601.395	-34,945.786	-649,842.32	-46,420.40
	NER	2,438.303	-19,106.153	-51,980,195.55	-48,004,239.87
	NR	-86,434.773	-55,539.490	73,550,901.37	0.00
	SR	-27,774.865	-24,106.036	7,630,895.78	-167,818.18
	WR	19,453.908	3,709.637	-35,558,291.36	-28,201,378.76
	FSTPP-I & II	32,335.479	31,911.052	-979,871.92	-3,553.53
	KHSTPP-I	13,368.728	12,524.364	-1,924,510.33	-49,510.15
	TSTPP	22,541.338	22,549.347	66,593.97	0.00
	RANGIT	1,449.000	1,510.609	144,546.95	0.00
	CHPC	6,840.000	8,931.374	4,705,591.95	0.00
	KHPC	1,440.000	2,151.331	1,408,435.78	0.00
	THPC	25,440.000	21,488.837	-7,823,301.79	0.00
	KHSTPP-II	33,877.821	33,492.867	-831,956.48	0.00
	FSTPP-III	9,071.250	9,042.165	-65,608.69	0.00
	TEESTA	12,096.000	12,247.854	367,003.18	0.00
	MAITHON R/B	11,245.280	11,378.000	315,688.96	0.00
	Vedanta	0.000	-448.455	-1,065,033.16	0.00
	BARH	4,469.500	3,642.873	-2,038,077.818	-239,331.20
	NVFN-NEPAL	-1,198.800	-1,326.413	-304,256.746	0.00
	APNRL	5,351.280	5,432.727	194,125.41	0.00
	GMRKEL	13,732.170	14,074.982	934,163.53	0.00
	JITPL	25,925.113	24,896.218	-2,639,100.54	-7,125.30
	TP TCL	2,651.040	2,030.629	-1,529,724.48	0.00
	BRBCL	0.000	-68.054	-165,852.770	0.00
	TALCHER SOLAR	18.120	9.968	-78,067.22	0.00
	JORETHANG HEP	2,303.040	2,499.288	467,564.86	0.00
	IND Barath	0.000	-14.618	-38,813.63	0.00
	HVDC SASARAM	-19.838	-23.261	-8,164.00	0.00
	VAE	-5,348.891	0.000	11,650,644.07	0.00
	NVFN	-11,099.063	-11,040.073	143,098.89	0.00
	CHUZACHEN	2,609.280	2,738.799	308,461.66	0.00

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/ GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
09-09-16	BSPHCL	-67,154.431	-69,574.226	-4,038,037.14	-370,899.61
	JUVNL	-14,562.445	-14,606.654	207,124.49	-374,959.96
	DVC	28,046.892	27,215.415	-1,041,532.80	-34,692.26
	GRIDCO	-18,322.441	-17,941.514	589,441.02	-114,118.97
	SIKKIM	-1,259.590	-1,105.203	269,315.89	0.00
	WBSETCL	-37,738.435	-39,100.676	-2,436,241.98	-87,204.57
	NER	2,982.713	-18,555.349	-37,893,097.35	-34,932,598.71
	NR	-86,924.372	-56,011.745	53,498,777.56	0.00
	SR	-28,037.610	-25,927.272	6,184,072.26	-614,478.32
	WR	20,550.920	12,559.349	-17,152,958.64	-13,136,495.04
	FSTPP-I & II	33,164.760	32,769.810	-603,717.32	-1,403.68
	KHSTPP-I	13,271.815	12,772.741	-749,818.20	0.00
	TSTPP	22,638.450	22,639.780	25,289.71	0.00
	RANGIT	1,449.000	1,509.326	112,187.36	0.00
	CHPC	6,840.000	8,947.398	4,741,646.08	0.00
	KHPC	1,440.000	1,976.875	1,063,012.90	0.00
	THPC	25,440.000	21,527.391	-7,746,965.22	0.00
	KHSTPP-II	32,926.241	32,600.344	-367,869.885	0.00
	FSTPP-III	9,845.052	9,763.717	-148,014.077	0.00
	TEESTA	12,096.000	12,233.527	251,380.160	0.00
	MAITHON R/B	10,976.340	10,965.345	57,180.384	0.00
	Vedanta	0.000	-233.136	-459,988.020	0.00
	BARH	12,626.491	12,188.509	-594,555.481	-10,384.67
	NVFN-NEPAL	-1,198.800	-1,279.526	-125,576.365	0.00
	APNRL	5,953.195	5,744.873	-390,211.967	0.00
	GMRKEL	13,956.380	14,338.618	1,048,110.050	0.00
	JITPL	13,506.953	14,087.054	1,185,859.218	0.00
	TP TCL	2,651.040	2,156.987	-830,043.13	0.00
	BRBCL	0.000	-83.345	-139,530.090	0.00
	TALCHER SOLAR	18.120	17.833	-3,563.99	0.00
	JORETHANG HEP	2,471.760	2,425.920	-63,786.66	-331.49
	IND Barath	0.000	-13.527	-24,919.27	0.00
	HVDC SASARAM	-20.160	-23.137	-5,411.08	0.00
	VAE	-3,635.486	0.000	5,400,399.05	0.00
	NVFN	-11,212.960	-11,145.891	105,088.256	0.00
	CHUZACHEN	2,609.280	2,736.216	228,345.674	0.00
10-09-16	BSPHCL	-66,318.569	-68,006.613	-2,561,677.68	-377,830.01
	JUVNL	-15,346.445	-14,972.530	446,735.79	-8,560.23
	DVC	34,046.363	32,280.870	-2,456,553.28	-58,599.81
	GRIDCO	-17,594.513	-17,558.607	26,815.19	-149,061.74
	SIKKIM	-1,184.303	-1,076.440	119,293.97	0.00
	WBSETCL	-38,561.860	-40,866.350	-3,111,748.72	-118,431.33
	NER	2,340.198	-19,751.317	-29,308,567.48	-27,092,475.64
	NR	-83,055.193	-51,991.356	40,571,683.22	0.00
	SR	-21,573.243	-25,619.636	-6,152,820.69	-5,726,227.32
	WR	20,676.738	25,357.987	8,001,642.70	-2,026,200.27
	FSTPP-I & II	29,492.429	29,275.592	-188,885.06	0.00
	KHSTPP-I	12,621.670	10,904.482	-2,061,991.47	-619,804.24
	TSTPP	21,929.741	21,827.057	-97,574.40	0.00
	RANGIT	1,257.750	1,283.071	26,005.75	0.00
	CHPC	7,032.000	8,905.692	4,215,807.10	0.00
	KHPC	1,440.000	2,136.456	1,378,982.88	0.00
	THPC	25,296.000	21,427.046	-7,660,528.19	0.00
	KHSTPP-II	26,871.237	27,367.238	692,885.307	0.00
	FSTPP-III	9,086.944	9,084.789	-4,327.561	0.00
	TEESTA	12,096.000	12,202.836	145,844.384	0.00
	MAITHON R/B	2,193.100	1,936.036	-349,630.959	-36,158.27
	Vedanta	0.000	-298.773	-396,756.286	0.00
	BARH	10,981.775	10,807.091	-238,074.376	0.00
	NVFN-NEPAL	-1,198.800	-1,254.355	-83,909.314	0.00
	APNRL	10,105.520	10,133.963	35,940.660	0.00
	GMRKEL	13,851.763	13,538.327	-302,737.962	0.00
	JITPL	12,956.198	12,901.945	-49,017.951	0.00
	TP TCL	2,956.560	2,126.239	-1,118,108.13	-147.79
	BRBCL	0.000	-160.254	-208,348.697	0.00
	TALCHER SOLAR	12.385	31.620	165,005.85	0.00
	JORETHANG HEP	2,471.760	2,303.144	-323,446.59	-96,592.94
	IND Barath	0.000	-15.782	-20,278.95	0.00
	HVDC SASARAM	-20.160	-23.531	-4,422.22	0.00
	VAE	-832.784	0.000	661,958.75	0.00
	NVFN	-11,167.663	-10,992.254	231,521.427	0.00
	CHUZACHEN	2,609.280	2,735.145	169,151.378	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 05/09/2016 to 11/09/2016

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11-09-16	BSPHCL	-67,698.102	-66,901.357	1,065,425.15	-476.80
	JUVNL	-15,226.160	-14,332.113	1,091,739.60	0.00
	DVC	30,341.267	29,042.328	-1,996,768.59	-71,587.69
	GRIDCO	-18,641.108	-19,356.230	-818,165.95	-312,740.25
	SIKKIM	-1,220.850	-890.246	448,392.81	0.00
	WBSETCL	-33,062.913	-36,268.117	-4,657,863.17	-621,854.54
	NER	2,887.650	-15,152.249	-26,862,634.95	-24,462,973.11
	NR	-80,684.991	-50,306.170	44,804,028.18	0.00
	SR	-27,168.163	-18,362.763	14,322,717.11	-324,337.95
	WR	28,515.168	15,542.432	-21,080,068.36	-16,190,775.04
	FSTPP-I & II	27,868.614	27,721.082	-259,394.91	-996.12
	KHSTPP-I	11,717.301	8,516.817	-4,497,046.12	-1,592,558.46
	TSTPP	21,717.210	21,740.036	50,131.19	0.00
	RANGIT	1,430.500	1,427.917	-6,374.16	0.00
	CHPC	7,200.000	8,901.793	3,829,034.08	0.00
	KHPC	1,440.000	2,049.602	1,207,012.75	0.00
	THPC	25,536.000	21,417.665	-8,154,303.09	0.00
	KHSTPP-II	25,463.846	27,874.446	3,516,527.657	0.00
	FSTPP-III	8,447.898	8,447.081	-2,791.778	0.00
	TEESTA	12,096.000	12,192.582	141,395.394	0.00
	MAITHON R/B	0.000	-274.036	-375,785.717	0.00
	Vedanta	0.000	-307.318	-435,550.395	0.00
	BARH	11,638.635	11,351.018	-409,302.089	0.00
	NVVN-NEPAL	-1,200.000	-1,329.840	-197,519.691	0.00
	APNRL	10,145.520	10,111.273	-33,188.044	0.00
	GMRKEL	13,891.780	13,615.345	-184,121.500	0.00
	JITPL	13,298.265	13,258.400	-110,568.606	0.00
	TP TCL	2,651.040	2,295.403	-540,151.45	0.00
	BRBCL	0.000	-120.800	-200,777.072	0.00
	TALCHER SOLAR	34.538	30.612	-39,753.54	0.00
	JORETHANG HEP	2,471.760	2,125.304	-539,317.07	-145,321.99
	IND Barath	0.000	-15.855	-25,341.04	0.00
	HVDC SASARAM	-20.160	-21.965	-2,691.89	0.00
	VAE	-260.318	0.000	251,471.31	0.00
	NVVN	-11,161.563	-11,052.363	127,513.416	0.00
	CHUZACHEN	2,609.280	2,736.153	184,146.890	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 05-09-16 TO 11-09-16	BSPHCL	-461549.13	-471421.53	-31,114,002.00	-4,316,959.33
	JUVNL	-100984.64	-99510.73	-1,882,856.00	-1,366,324.18
	DVC	192008.26	188808.31	-3,275,805.00	-269,930.02
	GRIDCO	-130564.30	-124227.84	12,752,883.00	-982,305.98
	SIKKIM	-8693.67	-7694.95	2,246,488.00	0.00
	WBSETCL	-255528.92	-263706.74	-26,787,714.00	-1,258,108.28
	NER	20740.40	-125737.58	-308,216,309.00	0.00
	NR	-586563.36	-363933.50	461,342,122.00	0.00
	SR	-184716.05	-146060.65	95,777,082.00	0.00
	WR	181085.50	97933.02	-201,395,604.00	0.00
	FSTPP-I & II	214452.71	212823.03	-3,037,041.79	-7,797.30
	KHSTPP-I	89214.44	80952.55	-13,749,265.26	-2,340,154.28
	KHSTPP-II	207094.86	207838.04	250,034.11	-63,253.27
	TSTPP	142454.45	142634.79	705,331.33	0.00
	FSTPP-III	63536.22	63375.66	-353,798.69	0.00
	TEESTA	82824.00	83768.62	1,991,274.00	0.00
	MAITHON R/B	53158.93	52008.22	-1,808,684.51	-1,514,292.88
	Vedanta	1285.77	-2778.36	-9,300,576.00	-2,428,416.06
	RANGIT	9713.25	10018.88	689,055.00	0.00
	BARH	45646.07	42433.63	-6,655,873.64	-276,505.69
	NVVN-NEPAL	-8385.55	-9066.94	-1420482.28	0.00
	APNRL	47431.10	47229.53	-290,782.00	0.00
	GMRKEL	90225.60	90956.80	3,274,473.00	-6,223.37
	JITPL	136006.08	137429.36	3,488,071.74	-40,378.63
	TP TCL	18862.80	14379.39	-9751044.36	-147.79
	BRBCL	0.00	-518.85	-951842.15	0.00
TALCHER SOLAR	137.52	131.76	-75244.78	0.00	
JORETHANG HEP	16627.44	16474.05	-34516.45	-432432.62	
IND Barath	0.00	-104.73	-229594.26	0.00	
HVDC SASARAM	-140.80	-161.72	-43389.66	0.00	
VAE	-17327.10	0.00	36130317.83	0.00	
NVVN-BD	-77578.40	-76786.33	1,555,489.00	0.00	
CHUZACHEN	18123.97	18867.08	1,476,012.00	-181,283.04	

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: 29/09/16

Revised RRAS Account for Week: 05.09.16 TO 11.09.16

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	8883.80147	7000436	23115651	4441901	34557988
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	2118.02134	1978232	5390364	1059011	8427607
4	KhSTPP-II	5304.71225	6137552	12901060	2652356	21690968
5	TSTPP-I	347.04481	276595	564989	173522	1015106
6	BARH STPP-II	1038.76059	1984033	2772452	519380	5275865

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	12.500000	31813	23859
4	KhSTPP-II	16.250000	39520	29640
5	TSTPP-I	11.750000	19129	14347
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	8883.801468	404875	BSEB
			1076923	JSEB
			106229	DVC
			354039	GRIDCO
			4245969	WBSEB
			394575	SIKKIM
			177574	DELHI
			106416	RAJASTHAN
			89155	HARYANA
			1387	ASSAM
			43296	AR.PRADESH
2	FSTPP III	0.000000	0.000	
			0.000	
3	KhSTPP-I	2118.021336	331805	BSEB
			145688	JSEB
			59881	DVC
			292434	SIKKIM
			455648	DELHI
			376073	RAJASTHAN
			284300	HARYANA
			1851	ASSAM
			30552	AR.PRADESH
4	KhSTPP-II	5304.712255	61455	BSEB
			31885	JSEB
			95961	DVC
			75544	SIKKIM
			1230876	DELHI
			1052115	RAJASTHAN
			629351	HARYANA
			307518	HP
			1436021	M.P
			73158	CHHATISGARH
			256615	MAHA RASHTRA
5	TSSTPP-I	347.044808	887054	GUJRAT
			163915	JSEB
			82194	DVC
			4715	ASSAM
6	BARH STPP-II	1038.760587	25771	AR.PRADESH
			676810	JSEB
			1109057	GRIDCO
			198166	SIKKIM

A) RRAS settlement account for the week 05.09.16 TO 11.09.16 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.