



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



आई एस ओ : 9001-2000
ISO: 9001-2000

Tel No. :033-24235199, 24235005 FAX No.:033-24221802, 24171358 Web: www.erpc.gov.in

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

Date: 30.11.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 07.11.2016 to 13.11.2016

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,

(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, Gongga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikeela, 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, 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, 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 07.11.16 TO 13.11.16**

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	9.53933	13.20480	22.74413	DVC	94.34223	2.27729	92.06494
JUVNL	152.77146	31.06349	183.83495	SIKKIM	27.35350	0.17924	27.17426
GRIDCO	28.50856	38.03736	66.54592	NR	295.45893	0.00000	295.45893
WBSETCL	72.43748	11.68225	84.11973	WR	2016.33323	0.00000	2016.33323
NER	2213.97206	0.00000	2213.97206	HDVC SASARAM	1.44646	0.00429	1.44217
SR	190.26099	0.00000	190.26099	RANGIT	8.97966	0.02378	8.95588
FSTPP I&II	14.76879	0.00000	14.76879	GMRKEL	45.26654	0.00255	45.26399
BRBCL	6.34298	0.00000	6.34298	FSTPP -III	0.17032	0.00000	0.17032
KHSTPP-I	17.60887	0.00816	17.61703	CHUZACHEN	4.54326	0.15367	4.38960
TALCHER SOLAR	0.70368	0.00000	0.70368	TEESTA	28.04582	0.03301	28.01280
TSTPP	6.42211	3.06272	9.48483	MAITHON R/B	26.94690	0.00783	26.93907
NVVN-NEPAL	0.16931	0.06868	0.23799	APNRL	2.54631	2.69875	-0.15244
IND BARATH	1.24554	0.00000	1.24554				
JORETHANG LOOP HEP	3.46500	0.07164	3.53663				
TPTCL	1.78290	0.00000	1.78290				
KHSTPP-II	22.22683	0.04692	22.27375				
JITPL	0.82077	10.45829	11.27906				
NVVN-BD	17.90705	1.22591	19.13296				
BARH	72.08707	0.01605	72.10312				
Adj of WBSETCL	8.69210	0.00000	8.69210				
				VAE OF EASTERN REGION	292.96699		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-2.66727		
TOTAL	2841.73288	108.94628	2950.67916		2841.73288	5.38040	2546.05276

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

114.32667

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 07/11/16-13/11/16 has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation,Notification no. No.L-1/132/2013/CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated.**

iv) CHPC, KHPC and THPC are not covered under ABT. Hence Deviation energy (mwh) of these stations have been adjusted

by giving credits/debits to ER beneficiaries as per their shares from these stations.

v) ER-NR tie schedule has been modified to the extent of 15% of deviation energy of TALA HEP (after incorporating ER transmission loss of 2.26% during the above week).

vi) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.

vii) Commercial operation of Unit # 7 of KHSTPP-II started from 00.00 hrs of 20/03/10.

viii)The mismatch between receivable / payable of "Deviation Charge" account of the week have have been adjusted to ZERO among the beneficiaries of Eastern Region.

ix) As informed by ERLDC, commercial operation of FSTPP U-6 has started w.e.f 00.00 hrs of 04/04/12.

x) As informed by ERLDC, segregation of KHSTPP STG I & II is done w.e.f 01.04.2011.

xi)As informed by ERLDC, COD of APNRL U-2 started w.e.f 00.00 hrs of 19.05.2013.

xii) As informed by ERLDC, Barh(NTPC) has started injecting infirm power w.e.f 22/11/13.

xiii) As informed by ERLDC, COD of Maithon Right Bank TPP started w.e.f 01/09/11.

xiv) As informed by ERLDC, IND BHARAT has been included in the pool from 12.11.2014

xv) As informed by ERLDC,COD of **Chuzachen (GATI) U1&2** started w.e.f. 0000 hrs of 18.05.2013

xvi) As informed by ERLDC, GMRKEL became pool member of Eastern Region w.e.f 31.03.14. Henceforth GMRKEL shall be reflected as separate entity in subsequent bills.

xvii) As informed by ERLDC, COD of Talcher Solar started and JITPL synchronised w.e.f 28.03.14

xviii) As informed by ERLDC, power export to Bangladesh started w.e.f 27.09.13 through 400kV Behrampore(IND) - Bheramara(BANGLADESH). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

xix) As informed by ERLDC , GMRKEL U#2 started start up power drawal/ infirm power injection w.e.f 08.12.14.

xx) As informed by ERLDC, BARH U#5 started start up power drawal/ infirm power injection

xxi) As informed by ERLDC, JITPL U#2 started commercial operation w.e.f 00.00 hrs of 12.02.2015.

xxii) As informed by ERLDC, U#1(48MW) of Jorethang Loop HEP starting injecting infirm power w.e.f 00.00 hrs of 20.09.15 and the same has been declared commercial w.e.f 00.00 hrs of 26.09.15.

U#2 of the same project declared commercial w.e.f 00.00 hrs of 01.10.15.

xxiii) As informed by ERLDC, Scheduling of Dagachu Hydro Power Station of Bhutan started w.e.f 21.02.2015. TPTCL, being the nodal agency for this power transaction, shall be the pool member for the purpose of Deviation Pool Account.

xxiv) As informed by ERLDC, power export to Nepal started w.e.f 17.02.16 through 132kV Muzaffarpur(IND) - Dhalkebar (Nepal). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

xxv) No comments from ERLDC for the week have been received regarding gaming. Revision , if any, would be carried out after receipt of such comments from ERLDC.

xxvi)As per CERC order No. 1/14/2015, dated 07/08/2015, Deviation Accounting of 10MW Talcher Solar has commenced w.e.f 01/11/2015

xxvii) As per SOR of CERC (Ancillary Services Operation) Regulation 2015, DSM Accounting of VAE has been done and reflected accordingly.

xxviii) As informed by ERLDC, HVDC SASARAM has been included in the pool from the week of 22.08.2016 to 28.08.2016 and reflected accordingly.

xxix) As informed by ERLDC and as per the Deliberation of meeting held on 14/10/2016 at ERPC,VEDANTA would be treated as an Embedded customer under the jurisdiction of SLDC Odisha, w.e.f 24/10/2016.

xxx) Adjustment of WBSETCL is done due to West Bengal drwal revision from 02.11.16 to 06.11.16.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 24/10/2016 to 30/10/2016

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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.
07-11-16	BSPHCL	-60,746.424	-58,865.382	2,548,035.30	-43,812.82
	JUVNL	-13,376.165	-14,117.650	-2,320,138.16	-875,651.97
	DVC	27,061.381	26,937.762	73,323.28	-51,775.85
	GRIDCO	-13,850.883	-13,450.058	293,488.82	-685,604.35
	SIKIM	-1,319.537	-1,170.152	400,257.35	0.00
	WBSETCL	-31,752.955	-31,759.913	281,866.37	-25,608.36
	NER	-1,532.600	-15,568.572	-33,551,572.13	-29,599,482.29
	NR	-52,904.766	-43,668.845	18,646,517.23	-47,783.68
	SR	-27,807.450	-25,264.000	5,614,650.99	-375,777.16
	WR	-2,944.538	-3,861.636	-754,068.73	-5,212,194.10
	FSTPP-I & II	27,974.558	27,734.782	-419,882.44	0.00
	KHSTPP-I	14,144.068	13,993.097	-300,190.10	0.00
	TSTPP	14,820.573	14,676.813	-331,821.48	-88,288.18
	RANGIT	946.000	1,016.261	172,065.31	0.00
	CHPC	3,912.000	6,293.372	5,358,086.31	0.00
	KHPC	1,080.000	1,280.164	396,323.93	0.00
	THPC	12,120.000	7,754.019	-8,644,641.76	0.00
	KHSTPP-II	28,591.566	28,519.914	-71,339.22	0.00
	FSTPP-III	8,207.319	8,220.018	58,436.77	0.00
	TEESTA	5,730.000	5,927.491	548,810.91	0.00
	MAITHON R/B	21,613.938	21,786.654	546,250.95	0.00
	BARH	21,935.271	21,411.381	-1,099,336.500	-714.56
	NVVN-NEPAL	-1,777.680	-1,722.038	105,791.762	0.00
	APNRL	8,636.960	9,070.473	892,820.139	0.00
	GMRKEL	14,564.355	14,854.618	1,348,399.802	0.00
	JITPL	11,549.638	11,728.582	466,668.77	0.00
	TP TCL	1,360.620	1,473.307	269,122.31	0.00
	BRBCL	0.000	-12.927	-30,107.178	0.00
	TALCHER SOLAR	37.110	36.810	-2,807.81	0.00
	JORETHANG HEP	1,157.565	947.368	-514,073.40	-4,622.01
	IND Barath	0.000	-6.545	-20,936.05	0.00
	HVDC SASARAM	-26.880	-21.338	12,960.620	0.000
	VAE	-3,085.988	0.000	6,473,230.826	0.000
	NVVN	-10,429.825	-10,787.054	-876,467.690	-2,642.79
	CHUZACHEN	880.240	892.215	66,426.899	0.00
08-11-16	BSPHCL	-58,136.993	-58,904.770	-2,798,237.55	-389,993.08
	JUVNL	-15,062.478	-17,093.469	-4,315,916.02	-910,137.91
	DVC	28,721.855	28,255.741	-1,081,641.98	-39,264.00
	GRIDCO	-15,691.083	-15,843.341	-1,056,278.86	-808,288.60
	SIKIM	-1,094.670	-1,143.951	-32,982.12	0.00
	WBSETCL	-27,191.738	-27,377.300	280,270.84	-75,226.93
	NER	965.850	-18,018.956	-37,998,627.17	-34,681,713.89
	NR	-55,355.551	-50,622.816	7,373,498.60	-411,632.77
	SR	-27,591.655	-27,455.345	554,218.76	-123,477.02
	WR	-11,493.268	5,712.966	35,437,477.12	-40.58
	FSTPP-I & II	28,743.481	28,573.456	-343,946.13	0.00
	KHSTPP-I	15,462.509	15,367.222	-119,583.06	0.00
	TSTPP	10,537.181	10,311.826	-215,849.53	-73,207.97
	RANGIT	1,167.500	1,240.580	153,974.48	0.00
	CHPC	3,850.000	6,106.033	5,076,075.07	0.00
	KHPC	720.000	1,114.873	781,848.94	0.00
	THPC	11,062.500	7,523.201	-7,007,811.89	0.00
	KHSTPP-II	29,623.623	29,235.375	-646,235.231	0.00
	FSTPP-III	8,411.444	8,404.926	-22,540.687	0.00
	TEESTA	5,772.000	5,948.109	373,560.661	0.00
	MAITHON R/B	21,903.813	21,964.909	192,803.385	0.00
	BARH	21,959.102	21,395.672	-980,787.649	0.00
	NVVN-NEPAL	-1,777.680	-1,741.488	56,117.518	0.00
	APNRL	11,693.895	11,685.091	-80,737.333	0.00
	GMRKEL	14,851.110	14,872.727	429,334.751	-5.51
	JITPL	11,602.420	11,944.654	602,638.735	0.00
	TP TCL	1,323.090	1,445.533	264,157.85	0.00
	BRBCL	0.000	-14.582	-28,846.811	0.00
	TALCHER SOLAR	37.110	42.336	48,845.429	0.00
	JORETHANG HEP	1,088.893	1,180.304	224,434.103	0.00
	IND Barath	0.000	-9.382	-18,490.181	0.00
	HVDC SASARAM	-26.880	-20.120	13,772.620	0.000
	VAE	-1,315.808	0.000	3,130,216.199	0.00
	NVVN	-10,615.115	-10,659.018	-121,077.212	-1,235.01
	CHUZACHEN	880.240	888.786	26,912.725	-307.80
09-11-16	BSPHCL	-60,146.173	-60,534.210	-1,169,907.73	-481,567.23
	JUVNL	-15,504.358	-15,763.541	-444,345.95	-28,796.47
	DVC	36,463.472	36,129.789	-587,113.54	-78,869.69
	GRIDCO	-20,784.922	-21,134.867	-643,814.93	-499,873.61
	SIKIM	-1,881.059	-1,203.483	1,358,143.58	-17,923.98
	WBSETCL	-26,911.085	-27,182.645	-130,759.51	-91,834.73
	NER	-1,148.565	-19,656.215	-37,841,702.71	-34,442,751.91
	NR	-55,454.951	-52,102.033	4,437,884.47	-1,885,317.21
	SR	-28,634.135	-28,886.181	-671,154.45	-2,180,915.94
	WR	-15,144.400	-650.900	30,482,862.70	-171,723.39
	FSTPP-I & II	28,327.222	28,273.288	-151,997.77	0.00
	KHSTPP-I	15,118.823	14,993.863	-198,528.35	0.00
	TSTPP	20,910.791	20,912.137	14,663.04	-1,686.12
	RANGIT	1,072.500	1,120.072	103,163.11	-1,394.81
	CHPC	4,080.000	5,774.276	3,812,120.15	0.00
	KHPC	1,200.000	1,265.314	129,320.93	0.00
	THPC	9,360.000	7,114.445	-4,446,199.57	0.00
	KHSTPP-II	28,582.365	28,256.943	-572,593.014	0.00
	FSTPP-III	8,403.236	8,413.093	48,863.831	0.00
	TEESTA	5,982.000	6,151.163	409,069.620	-647.27
	MAITHON R/B	21,434.313	21,511.927	273,322.434	0.00
	BARH	22,678.625	22,152.763	-1,059,261.547	0.00
	NVVN-NEPAL	-1,777.680	-1,849.699	-141,123.311	0.00
	APNRL	11,059.245	11,126.545	145,541.420	0.00
	GMRKEL	14,971.193	15,046.545	615,288.260	-191.50
	JITPL	12,561.605	12,682.327	283,614.948	-6,930.35
	TP TCL	1,474.560	1,419.118	-111,160.61	0.00
	BRBCL	0.000	-26.000	-52,558.754	0.00
	TALCHER SOLAR	38.408	35.377	-28,338.915	0.00
	JORETHANG HEP	1,123.078	969.720	-192,699.224	0.00
	IND Barath	0.000	-9.309	-20,727.547	0.00
	HVDC SASARAM	-26.880	-14.046	26,964.256	-218.05
	VAE	-2,363.361	0.000	4,749,716.319	0.00
	NVVN	-10,779.383	-10,645.963	234,398.191	-845.51
	CHUZACHEN	781.760	795.645	9,538.441	-15,058.80

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 24/10/2016 to 30/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
10-11-16	BSPHCL	-61,741.565	-60,729.002	1,854,689.92	-141,482.60
	JUVNL	-15,042.570	-15,578.517	-1,077,456.98	-78,818.81
	DVC	37,525.110	38,062.667	1,063,693.84	-129.73
	GRIDCO	-19,460.766	-19,637.745	-450,303.37	-259,048.74
	SIKIM	-1,009.675	-1,140.587	-289,184.09	0.00
	WBSETCL	-25,878.135	-26,429.802	-437,908.53	-165,037.67
	NER	-250.725	-14,159.061	-29,937,473.94	-26,337,420.90
	NR	-56,755.082	-55,277.429	880,826.65	-2,111,953.69
	SR	-28,562.585	-33,286.690	-13,396,894.12	-10,256,309.65
	WR	-14,687.875	837.536	36,180,713.89	0.00
	FSTPP-I & II	28,654.130	28,590.750	-107,779.02	0.00
	KHSTPP-I	15,408.407	15,174.850	-315,102.03	-816.34
	TSTPP	21,629.534	21,632.742	53,033.33	0.00
	RANGIT	1,068.500	1,116.370	141,226.51	0.00
	CHPC	3,937.500	5,648.152	3,848,966.16	0.00
	KHPC	1,104.000	1,177.024	144,586.73	0.00
	THPC	9,762.500	6,959.048	-5,550,834.64	0.00
	KHSTPP-II	27,476.597	27,305.998	-303,882.60	-4,692.36
	FSTPP-III	8,484.753	8,495.395	51,572.60	0.00
	TEESTA	5,493.000	5,619.600	340,859.02	0.00
	MAITHON R/B	21,836.500	21,926.691	275,647.70	0.00
	BARH	22,504.470	21,929.781	-1,151,443.327	0.00
	NVVN-NEPAL	-1,777.680	-1,830.547	-84,937.283	0.00
	APNRL	8,532.745	8,509.236	85,425.61	-193,506.91
	GMRKEL	14,894.563	15,103.491	762,089.14	0.00
	JITPL	12,730.153	12,903.127	486,611.18	0.00
	TPTCL	1,474.560	1,385.795	-191,482.90	0.00
	BRBCL	0.000	-46.400	-96,913.653	0.00
	TALCHER SOLAR	38.408	31.417	-65,362.11	0.00
	JORETHANG HEP	1,049.103	1,014.320	7,445.60	0.00
	IND Barath	0.000	-8.873	-22,797.07	0.00
	HVDC SASARAM	-26.880	-14.377	26,990.44	0.00
	VAE	-2,874.586	0.000	6,433,842.01	0.00
	NVVN	-11,438.700	-11,519.709	-273,825.09	0.00
	CHUZACHEN	728.480	769.464	76,699.70	0.00
11-11-16	BSPHCL	-62,698.491	-61,698.327	569,281.10	-113,573.85
	JUVNL	-14,484.920	-15,822.966	-2,905,339.40	-275,873.27
	DVC	33,670.691	34,985.802	2,019,586.59	-51.71
	GRIDCO	-21,217.895	-22,461.381	-2,660,715.29	-709,647.96
	SIKIM	-1,204.845	-1,257.704	-58,141.61	0.00
	WBSETCL	-27,604.473	-27,936.698	-382,487.59	-99,634.28
	NER	-193.443	-11,504.847	-23,146,471.52	-19,719,885.29
	NR	-55,891.209	-52,827.388	3,867,795.34	-783,264.59
	SR	-29,925.368	-32,937.745	-7,622,773.72	-2,812,131.27
	WR	-5,790.050	6,402.022	28,426,935.70	-166,204.31
	FSTPP-I & II	29,112.936	28,923.968	-435,725.16	0.00
	KHSTPP-I	15,203.067	14,955.662	-398,972.70	0.00
	TSTPP	21,393.999	21,378.126	12,306.32	0.00
	RANGIT	996.500	1,062.074	146,003.59	0.00
	CHPC	3,840.000	5,605.997	3,973,493.84	0.00
	KHPC	1,104.000	1,078.974	-49,551.48	0.00
	THPC	10,515.000	6,907.110	-7,143,622.08	0.00
	KHSTPP-II	27,112.563	26,849.283	-493,255.947	0.00
	FSTPP-III	8,510.818	8,501.831	14,547.776	0.00
	TEESTA	5,409.000	5,581.927	399,983.190	0.00
	MAITHON R/B	21,470.125	21,654.436	559,927.665	0.00
	BARH	23,007.596	22,529.563	-1,013,455.150	0.00
	NVVN-NEPAL	-1,777.680	-1,781.107	6,858.700	0.00
	APNRL	5,419.425	5,522.909	237,361.630	0.00
	GMRKEL	14,093.170	14,313.236	869,654.682	-16.29
	JITPL	12,424.610	11,910.254	-1,510,068.051	-605,371.32
	TPTCL	1,463.200	1,358.396	-224,224.52	0.00
	BRBCL	0.000	-83.564	-168,683.099	0.00
	TALCHER SOLAR	38.408	37.095	-12,276.08	0.00
	JORETHANG HEP	980.718	1,008.376	134,593.23	-4.23
	IND Barath	0.000	-5.600	-12,610.35	0.00
	HVDC SASARAM	-26.880	-15.119	24,100.76	0.00
	VAE	-2,340.745	0.000	5,241,731.81	0.00
	NVVN	-8,569.668	-8,617.745	-158,099.562	-42,151.13
	CHUZACHEN	728.480	812.484	190,612.102	0.00
12-11-16	BSPHCL	-61,605.296	-61,437.930	995,190.98	-59,692.13
	JUVNL	-13,312.700	-15,381.241	-3,836,168.37	-716,132.57
	DVC	33,594.312	34,584.816	2,722,563.01	-8,471.47
	GRIDCO	-18,205.475	-18,790.934	-1,048,775.94	-634,327.42
	SIKIM	-1,326.068	-1,193.125	230,494.34	0.00
	WBSETCL	-28,364.083	-28,938.652	168,358.54	-110,372.09
	NER	875.488	-15,507.629	-31,746,068.86	-28,522,618.88
	NR	-48,431.315	-51,033.761	-9,907,719.29	-5,879,977.84
	SR	-22,539.370	-24,990.254	-6,901,137.05	-6,757,575.23
	WR	-14,028.225	9,827.071	47,647,940.79	0.00
	FSTPP-I & II	25,125.083	25,083.552	120,597.80	0.00
	KHSTPP-I	14,973.050	14,813.769	-118,585.63	0.00
	TSTPP	14,147.319	13,975.447	-266,709.88	-142,634.19
	RANGIT	1,034.500	1,092.674	123,487.38	0.00
	CHPC	3,840.000	5,562.099	3,874,721.87	0.00
	KHPC	1,104.000	1,208.099	206,115.62	0.00
	THPC	10,350.000	6,853.023	-6,924,014.78	0.00
	KHSTPP-II	28,078.092	27,923.587	-115,862.926	0.00
	FSTPP-III	8,368.642	8,311.738	-86,431.922	0.00
	TEESTA	5,325.000	5,523.454	408,821.252	0.00
	MAITHON R/B	20,338.500	20,499.127	575,239.355	0.00
	BARH	22,512.096	21,889.745	-1,129,629.442	-890.13
	NVVN-NEPAL	-1,777.680	-1,771.632	14,581.090	0.00
	APNRL	5,770.520	5,744.800	-7,681.333	0.00
	GMRKEL	14,689.878	14,629.454	502,084.965	-41.61
	JITPL	11,938.140	11,480.145	-546,391.602	-433,527.56
	TPTCL	1,379.610	1,334.918	-132,204.94	0.00
	BRBCL	0.000	-94.309	-191,852.512	0.00
	TALCHER SOLAR	38.408	39.136	6,813.35	0.00
	JORETHANG HEP	959.775	960.144	5,669.61	0.00
	IND Barath	0.000	-5.091	-14,270.55	0.00
	HVDC SASARAM	-26.880	-15.062	22,874.26	0.00
	VAE	-2,651.763	0.000	3,646,357.23	0.00
	NVVN	-8,385.603	-8,557.491	-411,123.480	-53,372.48
	CHUZACHEN	803.840	838.728	78,706.104	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 24/10/2016 to 30/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN RS.	Additional Deviation Charge in Rs.
13/11/16	BSPHCL	-61,474.632	-60,919.716	-310,669.75	-90,358.30
	JUVNL	-13,243.085	-14,375.964	-1,837,615.16	-220,938.48
	DVC	31,585.796	33,199.253	1,938,009.23	-49,166.08
	GRIDCO	-21,624.697	-21,566.919	-488,280.72	-206,945.50
	SIKKIM	-1,124.070	-1,064.228	47,515.28	0.00
	WBSETCL	-23,195.235	-24,690.360	-1,938,366.97	-600,510.90
	NER	325.645	-17,934.727	-27,175,289.79	-24,717,874.41
	NR	-48,052.665	-44,707.836	4,247,089.89	-719,681.11
	SR	-21,203.610	-18,211.054	3,396,990.88	-754,994.32
	WR	-8,664.585	6,552.352	24,211,461.95	-56,413.43
	FSTPP-I & II	26,206.747	26,073.202	-138,146.58	0.00
	KHSTPP-I	14,683.774	14,447.159	-309,924.77	0.00
	TSTPP	10,960.579	10,991.759	92,165.79	-455.55
	RANGIT	987.000	1,021.572	58,046.09	-983.27
	CHPC	3,840.000	5,418.895	3,552,514.39	0.00
	KHPC	768.000	1,232.165	919,046.30	0.00
	THPC	9,600.000	6,676.583	-5,788,365.62	0.00
	KHSTPP-II	24,459.906	24,348.856	-19,513.763	0.00
	FSTPP-III	8,255.878	8,209.506	-47,416.218	0.00
	TEESTA	5,577.000	5,776.000	323,476.914	-2,653.81
	MAITHON R/B	19,964.625	20,007.891	271,498.324	-782.79
	BARH	22,998.941	22,450.909	-774,793.409	0.00
	NVVN-NEPAL	-1,777.680	-1,789.171	25,780.317	-6,867.77
	APNRL	5,318.730	4,496.873	-1,018,099.158	-76,367.87
	GMRKEL	14,305.700	13,941.745	-198.036	0.00
	JITPL	11,802.230	12,000.727	134,848.823	0.00
	TPTCL	1,366.950	1,305.928	-52,496.70	0.00
	BRBCL	0.000	-43.109	-65,335.855	0.00
	TALCHER SOLAR	38.408	36.563	-17,242.34	0.00
	JORETHANG HEP	950.493	949.040	-11,869.45	-2,537.43
	IND Barath	0.000	-8.364	-14,722.59	0.00
	HVDC SASARAM	-26.880	-15.387	16,983.02	-210.84
	VAE	193.270	0.000	-378,395.61	0.00
	NVVN	-10,319.793	-10,414.400	-184,510.177	-22,344.10
	CHUZACHEN	803.840	810.585	5,430.148	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 07-11-16 TO 13/11/16	BSPHCL	-426549.57	-423089.34	-953,933.00	-1,320,480.01
	JUVNL	-100026.28	-108133.35	-15,277,146.00	-3,106,349.47
	DVC	228622.62	232155.83	9,434,223.00	-227,728.53
	GRIDCO	-130835.72	-132885.25	-2,850,856.00	-3,803,736.16
	SIKKIM	-8959.92	-8173.23	2,735,350.00	-17,923.98
	WBSETCL	-190897.70	-194315.37	-7,243,748.00	-1,168,224.96
	NER	-958.35	-112350.01	-221,397,206.00	0.00
	NR	-372845.54	-350240.11	29,545,893.00	0.00
	SR	-186264.17	-191031.27	-19,026,099.00	0.00
	WR	-72753.33	24819.41	201,633,323.00	0.00
	FSTPP-I & II	194144.16	193253.00	-1,476,879.30	0.00
	KHSTPP-I	104993.70	103745.62	-1,760,886.65	-816.34
	KHSTPP-II	193924.71	192439.96	-2,222,682.70	-4,692.36
	TSTPP	114399.98	113878.85	-642,211.41	-306,272.00
	FSTPP-III	58642.09	58556.51	17,032.15	0.00
	TEESTA	39288.00	40527.74	2,804,582.00	-3,301.08
	MAITHON R/B	148561.81	149351.63	2,694,689.82	-782.79
	RANGIT	7272.50	7669.60	897,966.00	-2,378.08
	BARH	157596.10	153759.82	0.00	0.00
	NVVN-NEPAL	-12443.76	-12485.68	-16931.21	-6867.77
	APNRL	56431.52	56155.93	-1,790,705.00	-122,591.00
	GMRKEL	102369.97	102761.82	4,526,654.00	-254.92
	JITPL	84608.80	84649.82	-82,077.20	-1,045,829.23
	TPTCL	9842.59	9723.00	-178289.51	0.00
	BRBCL	0.00	-320.89	-634297.86	0.00
	TALCHER SOLAR	266.26	258.73	-70368.47	0.00
	JORETHANG HEP	7309.62	7029.27	-346499.53	-7163.67
	IND Barath	0.00	-53.16	-124554.34	0.00
	HVDC SASARAM	-188.16	-115.45	144645.98	-428.89
	VAE	-14438.98	0.00	29296698.79	0.00
	NVVN-BD	-70538.09	-71201.38	-7,602,631.00	0.00
	CHUZACHEN	5606.88	5807.91	454,326.00	-15,366.60

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

Format -AS7: RRAS Settlement Account by ERPC

Date:30/11/2016

RRAS Account for Week: 07.11.16 TO 13.11.16

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	4679.57577	3687506	12419594	2339788	18446888
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	2431.72773	2470635	6273858	1215864	9960357
4	KhSTPP-II	4984.89951	5767529	12193064	2492450	20453043
5	TSTPP-I	409.31216	372065	635252	204656	1211973
6	BARH STPP-II	2670.68397	5101006	7998698	1335342	14435047

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	28.000000	74312	55734
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	108.250000	279285	209464
4	KhSTPP-II	129.250000	316146	237109
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	171.000000	512145	384109

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	4679.575774	782544	BSEB
			70645	JSEB
			8430	DVC
			471115	GRIDCO
			2030829	WBSEB
			77589	SIKKIM
			2421	NVVN
			4524	UP
			95998	DELHI
			97541	PUNJAB.
		45869	HARYANA	
2	FSTPP III	0	0.000	0.00
3	KhSTPP-I	2431.727730	787651	BSEB
			25704	JSEB
			13580	DVC
			753544	GRIDCO
			44560	SIKKIM
			7448	NVVN
			37223	UP
			344400	DELHI
			279293	PUNJAB.
			23378	RAJASTHAN
		153855	HARYANA	
4	KhSTPP-II	4984.899506	295418	BSEB
			13810	JSEB
			48979	DVC
			236104	GRIDCO
			38630	SIKKIM
			21726	NVVN
			5965	UP
			1173278	DELHI
			515052	PUNJAB.
			86840	RAJASTHAN
			521695	HARYANA
			1120583	M.P
			90450	CHHATISGARH
			503126	MAHA RASHTRA
967529	GUJRAT			
128344	ASSAM			
5	TSSTPP-I	409.3121643	88017.841	BSEB
			159639.284	JSEB
			36725.064	DVC
			58217.206	NVVN
			29465.362	ASSAM
6	BARH STPP-II	2670.683969	4078798	BSEB
			66901	JSEB
			708588	GRIDCO
			246720	SIKKIM

A) RRAS settlement account for the week 07.11.16 TO 13.11.16 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.