



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: 03.01.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 05.12.2016 to 11.12.2016

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, Loknayak 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 05.12.16 TO 11.12.16
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	276.10904	64.41812	340.52716	DVC	163.57651	5.14961	158.42690
JUVNL	347.98545	94.29333	442.27878	GRIDCO	164.75326	11.63468	153.11858
WBSETCL	77.24993	16.99556	94.24549	SIKKIM	32.72333	0.28222	32.44111
NR	488.67160	0.00000	488.67160	NER	1475.59778	0.00000	1475.59778
WR	1052.84252	0.00000	1052.84252	SR	67.22460	0.00000	67.22460
FSTPP I&II	21.67869	1.30208	22.98077	HVDC SASARAM	0.99382	0.00493	0.98889
KHSTPP-I	21.43201	0.00944	21.44146	BRBCL	131.08536	0.00000	131.08536
TALCHER SOLAR	1.22757	0.00000	1.22757	TSTPP	7.97751	0.10828	7.86924
IND BARATH	1.71039	0.00000	1.71039	NVVN-NEPAL	13.52871	0.05474	13.47398
JORETHANG LOOP HEP	3.22656	0.12839	3.35495	RANGIT	5.21513	0.01632	5.19881
TPTCL	23.27095	0.02716	23.29811	GMRKEL	49.90350	0.01016	49.89334
KHSTPP-II	1.90669	0.01327	1.91996	FSTPP-III	2.74279	0.00000	2.74279
NVVN-BD	13.21076	4.18611	17.39687	CHUZACHEN	0.63843	0.04648	0.59195
BARH	61.21920	2.78402	64.00322	TEESTA	24.45113	0.00000	24.45113
				JITPL	59.62337	0.49965	59.12371
				MAITHON R/B	31.21077	0.00878	31.20199
				APNRL	21.78997	0.08292	21.70705
TOTAL	2391.74136	184.15749	2575.89886		2253.03598	17.89876	2235.13722

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

202.05626

(All figures in Rs. Lakhs)

Payable to the pool(A):	2391.74136
Payable from the pool(B):	2253.03598
Differential Amount Arising from capping of Thermal Power Stations(A-B)	138.70539
Additional Deviation Amount:	202.05626
VAE of Eastern Region:	222.30400

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

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.

iii) Deviation charges for the week 05/12/16-11/12/16 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 2.24% 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 (GATT) 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 Behrampur(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.

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.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 05/12/2016 to 11/12/2016

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.
05-12-16	BSPHCL	-53,528.040	-52,142.340	-904,581.32	-257,886.56
	JUVNL	-14,296.775	-15,350.670	-2,666,049.41	-610,039.20
	DVC	35,253.529	35,316.000	2,279.73	-47,368.18
	GRIDCO	-19,888.273	-18,490.549	2,386,883.42	-11,010.36
	SIKKIM	-1,527.710	-1,258.368	500,556.02	0.00
	WBSETCL	-18,341.018	-20,027.614	-3,702,868.06	-971,843.80
	NER	-5,051.293	5,398.017	22,186,019.66	0.00
	NR	-61,459.524	-64,956.029	-7,009,972.86	-8,294,550.79
	SR	-16,935.650	-12,080.144	9,567,118.97	-741,817.70
	WR	-3,216.168	-15,133.653	-23,577,584.82	-19,913,565.34
	FSTPP-I & II	28,250.725	28,052.179	-440,905.58	0.00
	KHSTPP-I	15,731.205	15,541.770	-358,505.48	0.00
	TSTPP	10,615.107	10,637.475	64,897.28	0.00
	RANGIT	684.000	691.554	32,489.81	0.00
	CHPC	960.000	3,892.297	6,597,667.37	0.00
	KHPC	120.000	244.447	246,405.46	0.00
	THPC	6,720.000	3,336.946	-6,698,446.76	0.00
	KHSTPP-II	29,196.201	29,086.140	-216,224.68	0.00
	FSTPP-III	8,508.126	8,519.984	66,250.66	0.00
	TEESTA	3,726.000	3,868.182	324,126.64	0.00
	MAITHON R/B	21,252.688	21,337.163	263,986.06	0.00
	BARH	11,213.005	10,880.400	-685,701.195	-3,916.55
	NVVN-NEPAL	-1,914.960	-1,818.787	221,404.898	0.00
	APNRL	9,597.930	9,902.691	600,409.592	0.00
	GMRKEL	15,006.193	15,100.727	451,693.055	0.00
	JITPL	12,466.590	12,763.418	686,774.78	0.00
	TPTCL	1,063.200	876.543	-404,448.77	0.00
	BRBCL	0.000	1,100.236	1,635,498.366	0.00
	TALCHER SOLAR	44.662	43.424	-11,734.55	0.00
	JORETHANG HEP	677.435	631.456	-78,001.16	-2,459.58
	IND Barath	0.000	-9.309	-24,284.80	0.00
	HVDC SASARAM	-26.640	-18.003	19,644.768	0.000
	VAE	-403.271	0.000	927,253.885	0.000
	NVVN	-10,474.770	-10,415.854	171,319.987	-2,229.37
	CHUZACHEN	585.610	559.251	-45,186.366	-3,058.25
06-12-16	BSPHCL	-54,434.483	-53,292.230	-1,750,022.45	-678,376.15
	JUVNL	-13,433.820	-15,938.998	-5,716,356.00	-1,816,302.85
	DVC	34,731.446	35,477.231	1,761,460.02	-8,561.34
	GRIDCO	-19,683.005	-18,617.077	1,311,930.69	-175,205.05
	SIKKIM	-1,510.835	-1,288.226	411,371.15	-5,345.34
	WBSETCL	-18,373.135	-19,023.505	-1,062,493.82	-130,862.10
	NER	-4,475.588	4,788.705	18,347,646.89	-191,380.32
	NR	-66,352.874	-65,124.451	7,483,295.69	-2,263,843.08
	SR	-8,306.060	-5,981.013	1,413,912.26	-4,177,510.29
	WR	-7,589.733	-18,884.052	-23,257,337.74	-21,115,347.16
	FSTPP-I & II	27,935.769	27,686.039	-533,177.14	-18,456.43
	KHSTPP-I	15,215.660	15,156.656	2,077.24	0.00
	TSTPP	10,941.998	10,956.674	78,619.27	-3,604.33
	RANGIT	711.000	730.424	45,039.13	-508.37
	CHPC	1,200.000	3,613.415	5,430,184.45	0.00
	KHPC	120.000	254.617	266,542.06	0.00
	THPC	6,720.000	3,097.855	-7,171,846.33	0.00
	KHSTPP-II	29,781.608	29,753.534	69,062.602	-1,326.94
	FSTPP-III	8,433.512	8,446.451	110,720.408	0.00
	TEESTA	3,726.000	3,870.109	321,505.545	0.00
	MAITHON R/B	21,155.830	21,234.327	341,641.143	0.00
	BARH	12,064.635	11,706.436	-816,145.812	-106,887.36
	NVVN-NEPAL	-1,914.960	-1,856.602	118,080.185	-1,091.32
	APNRL	10,390.070	10,453.309	196,898.063	-0.81
	GMRKEL	14,963.743	14,826.763	508,110.164	0.00
	JITPL	11,551.065	11,841.236	882,785.671	0.00
	TPTCL	787.517	862.973	164,541.90	-2,247.97
	BRBCL	0.000	612.000	601,268.166	0.00
	TALCHER SOLAR	44.662	46.430	15,989.225	0.00
	JORETHANG HEP	656.465	623.520	-66,091.409	0.00
	IND Barath	0.000	-9.236	-20,747.258	0.00
	HVDC SASARAM	-26.640	-20.751	12,413.245	-107.868
	VAE	-394.944	0.000	786,429.703	0.00
	NVVN	-10,529.843	-10,551.854	-77,806.813	-9,422.67
	CHUZACHEN	548.395	508.311	-80,451.070	-1,589.92
07-12-16	BSPHCL	-53,965.230	-53,103.373	-411,872.20	-346,915.49
	JUVNL	-14,058.095	-16,258.364	-5,884,528.37	-1,583,003.93
	DVC	31,337.700	33,246.220	4,098,096.45	0.00
	GRIDCO	-18,440.132	-17,302.865	2,214,040.22	-2,447.00
	SIKKIM	-1,432.005	-1,317.475	313,816.41	0.00
	WBSETCL	-18,098.170	-18,715.888	-1,075,799.73	-49,893.86
	NER	-5,371.278	3,124.431	19,677,393.19	0.00
	NR	-64,266.409	-61,536.066	14,833,662.48	-7,849,625.16
	SR	-6,494.950	-8,483.438	-8,331,176.13	-7,270,524.45
	WR	-6,962.542	-20,037.070	-36,427,947.32	-33,148,173.59
	FSTPP-I & II	27,980.836	27,777.855	-444,184.96	0.00
	KHSTPP-I	15,579.281	15,432.781	-191,852.85	0.00
	TSTPP	10,810.755	10,829.502	103,419.48	0.00
	RANGIT	657.000	680.633	73,695.38	0.00
	CHPC	1,200.000	3,580.626	5,356,409.15	0.00
	KHPC	240.000	241.938	3,837.24	0.00
	THPC	6,240.000	3,069.745	-6,277,105.51	0.00
	KHSTPP-II	29,363.982	29,301.971	-7,631.102	0.00
	FSTPP-III	8,494.068	8,494.817	70,289.165	0.00
	TEESTA	3,642.000	3,784.182	441,572.615	0.00
	MAITHON R/B	21,067.563	21,356.618	728,160.479	0.00
	BARH	12,083.015	11,708.509	-1,021,829.811	-84,441.60
	NVVN-NEPAL	-1,914.960	-1,841.885	163,198.648	0.00
	APNRL	10,514.510	10,625.745	249,749.269	0.00
	GMRKEL	14,909.330	15,033.672	882,975.980	-282.15
	JITPL	11,174.940	11,726.182	1,514,606.560	-1,011.48
	TPTCL	922.653	850.516	-150,062.01	0.00
	BRBCL	0.000	3,162.382	4,838,117.541	0.00
	TALCHER SOLAR	44.662	47.868	29,319.590	0.00
	JORETHANG HEP	666.955	604.096	-83,168.463	-1,233.79
	IND Barath	0.000	-9.018	-21,701.490	0.00
	HVDC SASARAM	-26.640	-20.896	14,360.372	0.00
	VAE	-1,230.195	0.000	3,690,695.155	0.00
	NVVN	-10,618.000	-10,607.236	33,669.119	0.00
	CHUZACHEN	505.120	505.845	-20,106.817	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 05/12/2016 to 11/12/2016

Page 2 of 2					
DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
08-12-16	BSPHCL	-52,890.645	-54,401.209	-4,937,217.41	-755,347.08
	JUVNL	-14,288.898	-16,716.595	-6,403,176.69	-1,890,678.24
	DVC	31,747.069	32,544.425	1,742,140.17	0.00
	GRIDCO	-20,225.291	-18,354.569	3,583,445.61	-72,720.84
	SIKKIM	-1,478.468	-1,329.063	372,591.39	0.00
	WBSETCL	-18,499.875	-17,916.936	1,304,074.23	-223,048.06
	NER	-5,354.355	5,303.351	27,215,337.28	0.00
	NR	-60,955.350	-65,904.526	-12,692,842.46	-10,747,265.06
	SR	-14,909.413	-13,895.819	1,706,385.57	-787,313.25
	WR	-3,820.187	-13,141.625	-24,538,734.37	-21,657,990.30
	FSTPP-I & II	29,661.476	29,495.651	-324,085.29	-4,664.27
	KHSTPP-I	15,859.141	15,577.769	-651,444.28	0.00
	TSTPP	10,595.298	10,623.033	124,398.17	0.00
	RANGIT	675.000	711.389	133,755.15	0.00
	CHPC	984.000	3,448.017	5,544,038.30	0.00
	KHPC	216.000	294.430	155,290.61	0.00
	THPC	6,600.000	2,956.056	-7,215,009.07	0.00
	KHSTPP-II	29,174.108	29,124.693	37,260.40	0.00
	FSTPP-III	8,598.834	8,597.493	33,792.11	0.00
	TEESTA	3,642.000	3,802.291	455,612.50	0.00
	MAITHON R/B	21,580.250	21,840.909	684,992.63	0.00
	BARH	12,140.334	11,655.818	-1,027,995.891	-55,489.74
	NVVN-NEPAL	-1,914.960	-1,767.504	318,016.643	0.00
	APNRL	10,642.625	10,822.327	413,418.16	0.00
	GMRKEL	14,908.730	15,416.509	1,542,796.36	0.00
	JITPL	12,776.343	13,357.818	1,645,125.50	0.00
	TPTCL	914.968	838.512	-191,241.55	0.00
	BRBCL	0.000	2,835.782	4,706,067.439	0.00
	TALCHER SOLAR	45.019	43.490	-14,300.83	0.00
	JORETHANG HEP	646.725	563.424	-88,023.39	-1,389.80
	IND Barath	0.000	-10.182	-30,610.01	0.00
	HVDC SASARAM	-26.640	-20.338	16,319.53	0.00
	VAE	-2,151.547	0.000	5,993,132.00	0.00
	NVVN	-10,610.040	-10,620.327	-415.95	-4,278.22
	CHUZACHEN	402.500	433.134	88,937.17	0.00
09-12-16	BSPHCL	-55,003.173	-57,966.247	-7,533,801.72	-1,517,991.89
	JUVNL	-14,195.670	-16,613.542	-5,085,524.97	-1,531,821.49
	DVC	28,952.638	30,815.652	2,300,062.59	-115,088.85
	GRIDCO	-20,937.131	-19,708.162	1,741,307.96	-203,838.45
	SIKKIM	-1,420.175	-1,302.169	165,526.09	-6,799.11
	WBSETCL	-19,866.603	-19,201.340	1,581,000.66	-38,853.36
	NER	-5,299.728	4,710.158	19,272,602.29	-188,546.41
	NR	-64,097.983	-65,018.808	6,545.38	-1,450,487.32
	SR	-14,591.065	-16,059.427	-3,718,585.31	-2,088,397.88
	WR	-3,548.213	-9,999.842	-13,083,626.80	-11,141,577.24
	FSTPP-I & II	20,627.716	20,654.916	65,481.77	0.00
	KHSTPP-I	15,104.890	14,947.083	-190,578.78	-944.21
	TSTPP	10,872.349	10,902.003	85,691.07	-7,223.30
	RANGIT	639.000	663.725	60,963.85	-604.49
	CHPC	840.000	3,363.175	5,677,143.03	0.00
	KHPC	216.000	336.553	238,695.34	0.00
	THPC	6,024.000	2,883.319	-6,218,548.51	0.00
	KHSTPP-II	28,835.475	28,622.365	-168,344.895	0.00
	FSTPP-III	8,720.766	8,677.738	-40,166.834	0.00
	TEESTA	3,642.000	3,761.345	291,812.087	0.00
	MAITHON R/B	21,470.500	21,566.218	273,396.049	0.00
	BARH	23,294.052	22,750.690	-996,696.842	-27,666.79
	NVVN-NEPAL	-1,914.960	-1,842.125	153,322.502	-698.29
	APNRL	10,514.510	10,543.563	40,508.609	0.00
	GMRKEL	14,977.688	14,829.672	338,632.920	-306.08
	JITPL	12,435.358	12,658.763	468,392.376	-4,416.82
	TPTCL	1,123.680	824.437	-577,518.80	0.00
	BRBCL	0.000	1,075.836	1,744,630.386	0.00
	TALCHER SOLAR	45.019	40.839	-39,090.01	0.00
	JORETHANG HEP	678.440	609.088	-22,002.82	-2,280.42
	IND Barath	0.000	-10.327	-20,983.26	0.00
	HVDC SASARAM	-26.640	-20.730	11,581.88	-120.68
	VAE	-2,185.492	0.000	3,426,643.55	0.00
	NVVN	-1,752.255	-2,403.491	-1,283,494.533	-395,255.18
	CHUZACHEN	403.480	425.916	43,734.076	0.00
10-12-16	BSPHCL	-52,062.572	-55,207.903	-7,410,888.06	-2,044,372.73
	JUVNL	-14,068.870	-16,305.560	-5,415,008.72	-1,631,263.90
	DVC	31,164.724	32,850.805	2,555,315.63	-249,493.08
	GRIDCO	-20,475.003	-19,548.089	758,830.37	-379,308.60
	SIKKIM	-1,447.293	-1,316.322	213,476.52	-8,626.77
	WBSETCL	-19,273.138	-19,337.566	916,409.78	-88,431.11
	NER	-5,362.128	4,371.783	20,098,253.03	-381,822.68
	NR	-56,684.141	-66,765.983	-18,283,375.91	-11,913,729.60
	SR	-11,046.358	-12,766.229	-7,072,086.46	-6,747,828.54
	WR	-15,960.070	-11,280.449	8,446,446.59	-3,037,553.92
	FSTPP-I & II	19,960.794	19,983.063	124,960.31	0.00
	KHSTPP-I	15,650.642	15,429.711	-409,719.56	0.00
	TSTPP	10,706.651	10,758.301	127,445.21	0.00
	RANGIT	639.000	672.293	97,612.85	-284.09
	CHPC	1,104.000	3,435.036	5,244,830.04	0.00
	KHPC	216.000	364.813	294,650.14	0.00
	THPC	6,720.000	2,944.927	-7,474,645.00	0.00
	KHSTPP-II	28,002.594	28,024.375	128,133.101	0.00
	FSTPP-III	8,432.710	8,420.154	15,309.068	0.00
	TEESTA	3,642.000	3,760.982	295,140.659	0.00
	MAITHON R/B	17,871.000	18,023.781	414,032.369	0.00
	BARH	25,363.577	25,014.327	-750,971.893	0.00
	NVVN-NEPAL	-1,914.960	-1,819.718	219,689.167	-1,618.73
	APNRL	10,610.595	10,701.309	186,452.448	-5,592.43
	GMRKEL	11,606.233	11,669.600	1,001,459.335	-56.93
	JITPL	11,837.285	12,045.309	515,978.403	-41,403.24
	TPTCL	1,069.065	814.451	-565,932.53	-468.23
	BRBCL	0.000	-95.291	-197,234.810	0.00
	TALCHER SOLAR	45.019	41.686	-31,165.89	0.00
	JORETHANG HEP	578.585	577.792	-23,291.67	-3,013.89
	IND Barath	0.000	-9.673	-26,843.77	0.00
	HVDC SASARAM	-26.640	-20.657	13,368.87	-198.11
	VAE	-2,778.203	0.000	7,406,245.58	0.00
	NVVN	0.000	-42.291	-72,755.306	0.00
	CHUZACHEN	406.510	425.952	61,992.776	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 05/12/2016 to 11/12/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
11-12-16	BSPHCL	-54,558.258	-56,317.314	-4,090,955.53	-840,922.45
	JUVNL	-13,750.013	-14,799.002	-2,360,265.78	-366,223.73
	DVC	29,891.377	31,229.724	1,855,957.58	-94,449.07
	GRIDCO	-19,769.390	-19,485.994	555,467.76	-318,938.14
	SIKIM	-1,358.938	-1,155.191	433,289.71	-7,450.72
	WBSSETCL	-20,646.118	-21,196.245	-515,803.59	-196,623.78
	NR	-4,790.073	5,265.718	20,762,525.85	-210,280.56
	SR	-54,068.469	-70,725.433	-33,204,472.42	-23,429,963.17
	WR	-12,777.218	-4,870.593	13,156,891.61	-1,692,283.17
	FSTPP-I & II	-11,730.014	-8,890.432	7,154,532.21	-6,789,048.49
	KHSTPP-I	20,155.963	19,895.623	-615,958.09	-107,087.38
	TSTPP	15,424.907	15,264.925	-343,177.72	0.00
	RANGIT	10,626.443	10,716.857	213,280.94	0.00
	CHPC	621.000	647.184	77,956.97	-234.96
	KHPC	960.000	3,323.624	5,318,153.47	0.00
	THPC	216.000	240.509	48,527.42	0.00
	KHSTPP-II	6,240.000	2,849.411	-6,713,365.97	0.00
	FSTPP-III	27,711.226	27,677.317	-32,924.325	0.00
	TEESTA	8,411.393	8,394.831	18,084.499	0.00
	MAITHON R/B	3,642.000	3,766.400	315,342.882	0.00
	BARH	20,613.250	20,773.381	414,867.864	-877.86
	NVVN-NEPAL	25,133.885	24,893.236	-822,578.197	0.00
	APNRL	-1,914.960	-1,833.389	159,159.411	-2,065.33
	GMRKEL	8,721.580	8,961.382	491,560.728	-2,698.72
	JITPL	11,464.955	11,481.236	264,682.278	-370.95
	TPTCL	11,630.903	11,786.982	248,673.420	-3,133.67
	BRBCL	1,082.968	801.139	-602,433.25	0.00
	TALCHER SOLAR	0.000	-104.527	-219,811.485	0.00
	JORETHANG HEP	45.019	37.792	-71,774.57	0.00
	IND Barath	590.585	573.280	37,922.78	-2,461.46
	HVDC SASARAM	0.000	-9.455	-25,868.61	0.00
	VAE	-26.640	-21.235	11,693.50	-66.22
	NVVN	0.000	0.000	0.00	0.00
	CHUZACHEN	-3,706.493	-3,696.400	-91,592.228	-7,425.75
		418.590	423.648	14,923.367	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 05-12-16 TO 11-12-16	BSPHCL	-376442.40	-382430.62	-27,610,904.00	-6,441,812.35
	JUVNL	-98092.14	-111982.73	-34,798,545.00	-9,429,333.35
	DVC	223078.48	231480.06	16,357,651.00	-514,960.52
	GRIDCO	-139418.22	-131507.31	16,475,326.00	-1,163,468.44
	SIKIM	-10175.42	-8966.81	3,272,333.00	-28,221.95
	WBSSETCL	-133098.06	-135419.09	-7,724,993.00	-1,699,556.06
	NR	-35704.44	32962.16	147,559,778.00	0.00
	SR	-427884.75	-460031.30	-48,867,160.00	0.00
	WR	-85060.71	-74136.66	6,722,460.00	0.00
	FSTPP-I & II	-52826.93	-97367.12	-105,284,252.00	0.00
	KHSTPP-I	174573.28	173545.33	-2,167,868.99	-130,208.08
	KHSTPP-II	108565.73	107350.69	-2,143,201.44	-944.21
	TSTPP	202065.19	201590.40	-190,668.90	-1,326.94
	FSTPP-III	75168.60	75423.85	797,751.43	-10,827.63
	TEESTA	59599.41	59551.47	274,279.08	0.00
	MAITHON R/B	25662.00	26613.49	2,445,113.00	0.00
	RANGIT	145011.08	146132.40	3,121,076.60	-877.86
	CHPC	4626.00	4797.20	521,513.00	-1,631.90
	KHPC	121292.50	118609.42	-6,121,919.64	-278,402.03
	THPC	-13404.72	-12780.01	1352871.45	-5473.68
	APNRL	70991.82	72010.33	2,178,997.00	-8,291.96
	GMRKEL	97836.87	98358.18	4,990,350.00	-1,016.12
	JITPL	83872.48	86179.71	5,962,336.71	-49,965.21
	TPTCL	6964.05	5868.57	-2327095.02	-2716.20
	BRBCL	0.00	8586.42	13108535.60	0.00
	TALCHER SOLAR	314.06	301.53	-122757.04	0.00
	JORETHANG HEP	4495.19	4182.66	-322656.14	-12838.94
	IND Barath	0.00	-67.20	-171039.20	0.00
	HVDC SASARAM	-186.48	-142.61	99382.17	-492.88
	VAE	-9143.65	0.00	22230399.87	0.00
	NVVN	-47691.40	-48337.45	-1,321,076.00	-418,611.20
	CHUZACHEN	3270.21	3282.06	63,843.00	-4,648.18

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:03/01/2017

RRAS Account for Week: 05.12.16 TO 11.12.16

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	3035.23569	2391766	7430257	1517618	11339641
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1219.38784	1238898	3182602	609694	5031194
4	KhSTPP-II	2446.04610	2830075	6051518	1223023	10104616
5	TSTPP-I	67.07500	60971	105710	33538	200219
6	BARH STPP-II	2817.63747	5381688	7094811	1408819	13885317

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	59.750000	146268	109701
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	22.500000	58725	44044
4	KhSTPP-II	97.750000	241834	181375
5	TSTPP-I	12.500000	19700	14775
6	BARH STPP-II	31.000000	78058	58544

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	3035.235694	73971	BSEB
			612	DVC
			50793	GRIDCO
			2086947	WBSEB
			14273	SIKKIM
			24703	NVVN-BPBD
			35399	UP
			28097	DELHI
			33674	PUNJAB.
			29483	RAJASTHAN
		13813	HARYANA	
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	1219.387838	587431	BSEB
			245354	GRIDCO
			13407	SIKKIM
			60181	NVVN-BPBD
			58519	UP
			65658	DELHI
			66594	PUNJAB.
			116761	RAJASTHAN
		24992	HARYANA	
4	KhSTPP-II	2446.046098	128529	BSEB
			148	DVC
			47740	GRIDCO
			4495	SIKKIM
			95849	NVVN-BPBD
			426988	UP
			200480	DELHI
			240047	PUNJAB.
			522199	RAJASTHAN
			98641	HARYANA
			375018	M.P
			138429	CHHATISGARH
110522	MAHA RASHTRA			
		440989	GUJRAT	
5	TSSTPP-I	67.075	6111.903	DVC
			21641.890	WBSEB
			29339.097	SIKKIM
			3878.285	NVVN-BPBD
6	BARH STPP-II	2817.637467	4855039	BSEB
			127361	GRIDCO
			399287	SIKKIM

A) RRAS settlement account for the week 05.12.16 TO 11.12.16 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.