



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: 01.12.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 14.11.2016 to 20.11.2016

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, 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: 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, Dongtiah, 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 14.11.2016 TO 20.11.2016
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	174.22103	21.12707	195.34810	BSPHCL	70.05484	13.74803	56.30681
GRIDCO	37.76204	21.94882	59.71086	DVC	138.87705	2.77592	136.10113
WBSETCL	147.94385	29.18386	177.12771	SIKKIM	32.29662	0.56868	31.72793
NER	2226.98771	0.00000	2226.98771	NR	634.34956	0.00000	634.34956
FSTPP I&II	16.67609	0.49945	17.17554	SR	207.74325	0.00000	207.74325
BRBCL	4.59862	0.00000	4.59862	WR	1425.08770	0.00000	1425.08770
KHSTPP-I	19.79426	0.56292	20.35718	HVDC SASARAM	1.23588	0.01270	1.22318
TALCHER SOLAR	3.23885	0.00000	3.23885	RANGIT	4.29788	0.02317	4.27471
TSTPP	6.51264	0.19895	6.71160	JORETHANG LOOP HEP	0.72688	0.01568	0.71120
NVVN-NEPAL	4.83376	0.06962	4.90339	TPTCL	3.34291	0.10704	3.23587
IND BARATH	1.19114	0.00000	1.19114	GMRKEL	20.28496	0.00592	20.27904
KHSTPP-II	9.04752	0.00000	9.04752	CHUZACHEN	1.42099	0.07165	1.34934
FSTPP-III	0.39501	0.03576	0.43077	TEESTA	23.13888	0.02160	23.11728
APNRL	14.78440	3.25160	18.03600	JITPL	20.70429	1.41220	19.29208
NVVN-BD	2.27629	1.28249	3.55878	MAITHON R/B	21.20822	0.01580	21.19242
BARH	67.20241	0.25244	67.45485	Adj. for NER(4th EMI)	74.33432	0.00000	74.33432
				VAE OF EASTERN REGION	56.60995		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	1.75143		
TOTAL	2737.46562	78.41299	2815.87861		2737.46562	18.77840	2660.32583

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

97.19139

ISSUANCE OF DEVIATION ACCOUNT FOR THE WEEK HAS BEEN DELAYED DUE TO DELAYED SUBMISSION OF SCHEDULE OF THE WEEK BY ERLDC

MEMBER SECRETARY

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

- a) **Northern Region** : Pusaali 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 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 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.

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) In compliance with CERC order dated on 13.06.2016 on petition No. 150/MP/2015(Clause No 8), the total amount along with the interest will be payable to Assam Power Distribution Company Limited in six equated monthly installments. Accordingly the 4th EMI has been calculated and reflected in this statement as adjustment of NER Deviation Charges from Deviation Pool Account fund of Eastern Region.

MEMBER SECRETARY

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 14-11-2016 to 20-11-2016

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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.
14-11-2016	BSPHCL	-63793.51	-58714.21	4735521.55	286250.25
	JUVNL	-13845.84	-15314.88	-2722611.23	550789.40
	DVC	32202.30	33429.12	2159481.01	25060.76
	GRIDCO	-22509.81	-23105.72	-794856.01	96020.02
	SIKKIM	-1161.89	-1218.46	-95323.22	3814.90
	WBSETCL	-20449.38	-21983.18	-2141417.58	427510.53
	NER	-1699.64	-20626.71	-32590768.64	29704423.67
	NR	-49144.96	-47684.53	-176198.31	1910380.52
	SR	-24660.02	-25004.87	-1174847.53	1236115.34
	WR	-9539.09	8784.24	32561906.33	903889.72
	HVDC SASARAM	-26.88	-15.31	20270.88	609.29
	FSTPP I&II	30331.49	30121.99	-262248.15	0.00
	BRBCL	0.00	-38.45	-67206.15	0.00
	KHSTPP-I	16996.56	16633.52	-541557.70	3367.63
	TALCHER SOLAR	38.41	34.34	-38433.03	0.00
	TSTPP	10963.54	10933.71	-5127.73	345.05
	NVVN-NEPAL	-1777.68	-1745.66	66561.71	2594.17
	RANGIT	996.50	1023.61	55476.52	1449.63
	IND BARATH	0.00	-8.15	-13290.45	0.00
	JORETHANG LOOP HEP	971.08	963.62	40171.44	376.47
	TPTCL	1170.72	1282.29	194388.97	5983.24
	KHSTPP-II	26342.40	26144.07	-175338.01	0.00
	GMRKEL	14543.56	14341.09	270762.08	0.00
	FSTPP-III	8274.76	8291.34	62468.94	0.00
	CHUZACHEN	803.84	801.37	-2620.34	484.94
	TEESTA	5325.00	5445.89	238268.71	1383.54
	JITPL	11565.36	11854.91	420534.17	93886.73
	MAITHON R/B	20739.88	20784.95	264448.35	0.00
	APNRL	3467.77	2827.56	-918717.05	205820.72
	NVVN-BD	-10338.82	-10374.00	-58105.39	422.35
	BARH	25177.99	24332.95	-1459906.40	23713.72
	VAE	-104.66	0.00	-34069.20	0.00
	TALA	9360.00	6187.15	-6282246.00	0.00
	CHUKHA	3600.00	5021.66	3198728.22	0.00
KIRICHU	720.00	1186.74	924152.33	0.00	
15-11-2016	BSPHCL	-60663.04	-58619.89	1619476.13	446427.45
	JUVNL	-14855.67	-16391.45	-2888699.42	557778.95
	DVC	33902.06	35553.23	2505878.34	69435.71
	GRIDCO	-20867.53	-22145.29	-2814908.16	929524.65
	SIKKIM	-1439.35	-1280.13	307302.48	16562.90
	WBSETCL	-23663.49	-24894.99	-1444168.37	270336.24
	NER	-3123.82	-21343.15	-32827563.19	29855244.05
	NR	-60126.38	-48624.48	17313693.60	1179893.27
	SR	-28505.28	-25557.24	4876795.16	744727.42
	WR	308.84	6221.34	14350249.93	1075664.32
	HVDC SASARAM	-26.88	-15.39	20077.94	420.88
	FSTPP I&II	27892.90	27788.55	-241554.06	38508.32
	BRBCL	0.00	-32.69	-57360.98	0.00
	KHSTPP-I	14871.29	14708.57	-198551.94	2051.98
	TALCHER SOLAR	38.41	30.69	-72148.81	0.00
	TSTPP	12275.39	12254.24	-20109.24	0.00
	NVVN-NEPAL	-1777.68	-1804.55	-82419.48	2286.59
	RANGIT	987.00	1013.97	54169.54	657.18
	IND BARATH	0.00	-8.87	-16768.65	0.00
	JORETHANG LOOP HEP	985.80	927.98	-27647.29	701.80
	TPTCL	1172.92	1251.14	140226.17	3096.26
	KHSTPP-II	25955.06	25792.23	-224405.59	0.00
	GMRKEL	14752.97	14417.96	-101677.08	235.82
	FSTPP-III	8258.00	8226.75	-4842.48	0.00
	CHUZACHEN	703.36	724.54	33088.81	6536.16
	TEESTA	5073.00	5208.11	286699.15	582.54
	JITPL	18760.22	18756.36	-98185.59	0.00
	MAITHON R/B	20546.50	20615.78	318771.61	0.00
	APNRL	7354.64	7517.45	211263.43	110098.68
	NVVN-BD	-10272.78	-10367.82	-292396.42	33444.10
	BARH	22942.41	22349.02	-901207.02	0.00
	VAE	-303.04	0.00	633233.63	0.00
	TALA	9360.00	6057.82	-6538307.84	0.00
	CHUKHA	3360.00	4916.69	3502561.50	0.00
KIRICHU	720.00	1238.95	1027529.71	0.00	
16-11-2016	BSPHCL	-61244.11	-58798.37	1688070.84	172775.15
	JUVNL	-17186.06	-18306.71	-1665528.66	204370.09
	DVC	34766.05	35589.78	853690.62	89579.00
	GRIDCO	-23447.30	-25074.88	-2418792.29	451571.03
	SIKKIM	-1786.24	-1280.92	771530.76	26541.05
	WBSETCL	-23259.70	-24921.52	-1726004.09	488569.41
	NER	-1003.73	-19168.63	-26281055.12	23838306.15
	NR	-57473.94	-50470.33	7436931.77	1135344.41
	SR	-27929.68	-28578.69	-2260659.52	793121.42
	WR	-8687.80	6291.53	24713440.51	39995.15
	HVDC SASARAM	-26.04	-14.70	17555.38	154.86
	FSTPP I&II	26991.25	26902.74	-75383.69	0.00
	BRBCL	0.00	-34.31	-48942.26	0.00
	KHSTPP-I	13796.67	13580.77	-139070.94	20296.92
	TALCHER SOLAR	39.07	37.28	-16695.36	0.00
	TSTPP	21445.09	21362.56	-111606.79	2040.65
	NVVN-NEPAL	-1777.68	-1778.00	40134.78	2081.53
	RANGIT	920.50	945.57	52102.02	0.00
	IND BARATH	0.00	-9.60	-18575.96	0.00
	JORETHANG LOOP HEP	878.04	885.29	36240.89	483.90
	TPTCL	1195.12	1222.94	56038.17	1624.81
	KHSTPP-II	26525.64	26360.38	-153592.38	0.00
	GMRKEL	14746.27	14213.45	-284745.88	336.71
	FSTPP-III	8131.45	8137.93	-13640.28	3575.87
	CHUZACHEN	710.43	714.61	3806.88	0.00
	TEESTA	4905.00	5044.22	253152.50	194.18
	JITPL	22407.33	22202.04	-276373.59	46089.08
	MAITHON R/B	20836.63	20754.07	60383.17	1579.74
	APNRL	6148.11	5821.38	-444027.10	9240.42
	NVVN-BD	-10492.33	-10399.93	127255.78	15831.89
	BARH	22206.88	21532.36	-1094934.96	1530.51
	VAE	-178.03	0.00	80873.55	0.00
	TALA	8645.00	5642.22	-5945495.93	0.00
	CHUKHA	3225.00	4579.38	3047359.01	0.00
KIRICHU	720.00	1297.14	1142746.70	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
17-11-2016	BSPHCL	-60937.22	-59102.97	1742629.03	151121.41
	JUVNL	-16190.74	-17593.60	-2670791.85	205763.75
	DVC	36170.66	37630.49	2089923.04	5231.16
	GRIDCO	-25307.51	-24473.78	347787.79	154786.33
	SIKKIM	-1359.81	-1310.71	71047.66	0.00
	WBSETCL	-21002.41	-22226.54	-1251353.22	307248.56
	NER	-112.71	-18538.28	-34768506.49	31627320.32
	NR	-60411.24	-51906.62	15264103.95	572946.07
	SR	-28230.58	-24852.00	5959594.72	0.00
	WR	-5462.41	1203.27	12797961.65	1752254.92
	HVDC SASARAM	-25.16	-14.71	19648.86	0.00
	FSTPP I&II	27039.08	26845.49	-292121.37	0.00
	BRBCL	0.00	-32.24	59965.78	0.00
	KHSTPP-I	13807.59	13627.28	-408593.96	23359.60
	TALCHER SOLAR	42.71	45.14	21769.98	0.00
	TSTPP	21030.91	20917.61	-94263.10	10842.34
	NVVN-NEPAL	-1777.68	-1860.12	-150413.30	0.00
	RANGIT	930.00	959.62	66032.13	0.00
	IND BARATH	0.00	-9.24	-18829.88	0.00
	JORETHANG LOOP HEP	894.54	860.42	57053.80	0.00
	TPTCL	1191.20	1196.46	23065.48	0.00
	KHSTPP-II	26866.57	26782.02	-52642.33	0.00
	GMRKEL	14773.76	14612.07	50401.72	0.00
	FSTPP-III	8019.13	8006.31	-18533.66	0.00
	CHUZACHEN	710.43	718.54	24349.38	0.00
	TEESTA	4905.00	5059.82	349960.71	0.00
	JITPL	19266.24	19374.25	178990.11	0.00
	MAITHON R/B	20265.94	20276.29	142430.13	0.00
	APNRL	5789.57	5615.35	-226577.55	0.00
	NVVN-BD	-10441.99	-10453.31	-137683.78	12178.84
	BARH	22085.08	21608.84	-852063.47	0.00
	VAE	-462.09	0.00	765171.50	0.00
	TALA	9360.00	5617.11	-7410927.48	0.00
CHUKHA	2521.25	4559.00	4584928.91	0.00	
KIRICHU	720.00	1329.96	1207711.30	0.00	
18-11-2016	BSPHCL	-59213.68	-59381.10	-822636.50	156318.56
	JUVNL	-15734.11	-17274.15	-3439971.16	431154.60
	DVC	34963.29	36109.76	1411628.47	86316.94
	GRIDCO	-22685.29	-21985.38	-257915.51	145784.38
	SIKKIM	-1560.29	-1312.80	489607.82	9949.61
	WBSETCL	-21415.04	-22083.76	-864426.39	262273.67
	NER	6.91	-16898.16	-37553176.22	33875317.34
	NR	-62406.80	-54526.85	15778250.96	710396.78
	SR	-20763.57	-18254.76	5040903.00	122578.63
	WR	-14031.15	-8505.41	14131887.64	1556412.45
	HVDC SASARAM	-22.74	-14.56	18656.22	85.44
	FSTPP I&II	27027.54	26925.34	-187754.56	11436.59
	BRBCL	0.00	-66.60	-147542.80	0.00
	KHSTPP-I	12218.44	12240.82	56552.83	0.00
	TALCHER SOLAR	69.18	45.30	-303053.09	0.00
	TSTPP	22048.73	22101.53	131359.14	0.00
	NVVN-NEPAL	-1777.68	-1853.06	-160278.05	0.00
	RANGIT	892.00	943.05	121204.32	210.04
	IND BARATH	0.00	-8.29	-21139.98	0.00
	JORETHANG LOOP HEP	930.82	876.89	-44167.75	0.00
	TPTCL	1170.72	1179.39	21637.70	0.00
	KHSTPP-II	27442.31	27398.93	14731.31	0.00
	GMRKEL	14711.96	14969.60	872068.47	0.00
	FSTPP-III	8066.55	8037.11	-13987.40	0.00
	CHUZACHEN	710.43	695.86	10538.96	144.25
	TEESTA	4905.00	5108.22	508716.81	0.00
	JITPL	19185.72	19179.04	890611.23	0.00
	MAITHON R/B	19920.88	20187.82	645919.90	0.00
	APNRL	5895.09	5841.24	-81124.82	0.00
	NVVN-BD	-8504.09	-8561.53	-134955.57	23662.99
	BARH	21836.19	21427.75	-869704.30	0.00
	VAE	-1178.29	0.00	2334396.39	0.00
	TALA	8190.00	5500.91	-5324392.72	0.00
CHUKHA	2940.00	4464.69	3430551.47	0.00	
KIRICHU	720.00	1229.00	1007813.66	0.00	
19-11-2016	BSPHCL	-57979.37	-56952.94	1828384.23	25675.52
	JUVNL	-14660.20	-15102.27	-592536.38	65678.80
	DVC	37350.86	37441.14	418328.54	254.54
	GRIDCO	-19716.24	-19784.41	-413599.96	187684.18
	SIKKIM	-1384.53	-1225.78	344243.06	0.00
	WBSETCL	-19389.59	-19547.50	-324005.88	148795.39
	NER	659.41	-16885.95	-31493150.73	28456655.85
	NR	-62451.72	-59836.44	2920361.20	930677.48
	SR	-22132.29	-15278.04	11982532.28	727.04
	WR	-26244.82	-18652.53	13804538.16	176601.78
	HVDC SASARAM	-21.34	-15.36	10486.91	0.00
	FSTPP I&II	27814.45	27443.44	-535740.24	0.00
	BRBCL	0.00	-16.05	-30075.89	0.00
	KHSTPP-I	12162.71	11801.54	-662106.10	7216.27
	TALCHER SOLAR	39.98	44.55	42754.28	0.00
	TSTPP	21907.05	21801.17	-113703.91	0.00
	NVVN-NEPAL	-1777.68	-1825.48	-72224.89	0.00
	RANGIT	917.50	939.03	56427.84	0.00
	IND BARATH	0.00	-8.15	-13880.24	0.00
	JORETHANG LOOP HEP	896.02	848.23	-30944.29	5.65
	TPTCL	1170.72	1152.61	-28767.92	0.00
	KHSTPP-II	28632.86	28533.57	-29391.99	0.00
	GMRKEL	14542.42	14637.75	656709.53	0.00
	FSTPP-III	7948.83	7927.89	-54061.55	0.00
	CHUZACHEN	628.02	654.57	54810.43	0.00
	TEESTA	4695.00	4878.76	366954.00	0.00
	JITPL	19197.56	19524.29	529040.74	0.00
	MAITHON R/B	21878.13	21918.95	133298.93	0.00
	APNRL	5897.34	5894.47	-18751.24	0.00
	NVVN-BD	-8338.77	-8527.56	-345108.79	42708.55
	BARH	22022.32	21552.98	-766951.43	0.00
	VAE	-1431.68	0.00	1842978.17	0.00
	TALA	8356.25	5708.30	-5242940.88	0.00
CHUKHA	2738.75	4633.01	4262086.51	0.00	
KIRICHU	720.00	1121.86	795677.26	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 14-11-2016 to 20-11-2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN RS.	ADDITIONAL DEVIATION CHARGE IN RS.
20-11-2016	BSPHCL	-58812.51	-59438.38	-1009805.99	136234.16
	JUVNL	-14450.19	-15595.02	-1947321.62	97171.84
	DVC	34064.44	34155.81	501828.16	1713.76
	GRIDCO	-20644.35	-19970.89	256353.83	229511.66
	SIKKIM	-1553.20	-1119.76	670570.86	0.00
	WBSETCL	-17215.30	-19189.78	-2969091.14	1013652.34
	NER	-231.19	-16035.50	-27184550.51	24313675.21
	NR	-55640.20	-51543.59	4897812.71	483051.50
	SR	-14029.94	-16179.85	-3649992.78	2923428.99
	WR	-21150.07	-3456.81	30148785.75	0.00
	HVDC SASARAM	-24.48	-14.78	16892.06	0.00
	FSTPP I&II	26868.87	26818.48	-72807.19	0.00
	BRBCL	0.00	-33.75	-48767.88	0.00
	KHSTPP-I	13146.08	13040.81	-86098.13	0.00
	TALCHER SOLAR	39.98	44.46	41921.19	0.00
	TSTPP	21310.41	21101.21	-437812.81	6667.05
	NVVN-NEPAL	-1777.68	-1841.47	-124737.13	0.00
	RANGIT	911.00	912.83	24375.37	0.00
	IND BARATH	0.00	-9.45	-16628.51	0.00
	JORETHANG LOOP HEP	863.00	846.49	41981.49	0.00
	TP TCL	1170.72	1127.11	-72297.10	0.00
	KHSTPP-II	27642.43	27341.26	-284112.58	0.00
	GMRKEL	12320.40	12243.05	564977.09	19.51
	FSTPP-III	8129.70	8120.21	3095.56	0.00
	CHUZACHEN	630.03	643.75	18124.78	0.00
	TEESTA	4485.00	4656.44	310136.19	0.00
	JITPL	10398.57	10661.82	425811.63	1244.44
	MAITHON R/B	20013.50	20162.87	555570.02	0.00
	APNRL	5897.94	5889.67	-505.74	0.00
	NVVN-BD	-10856.89	-10517.53	613364.97	0.00
	BARH	21498.96	21024.11	-775473.02	0.00
	VAE	-74.63	0.00	38411.06	0.00
TALA	8285.00	5490.36	-5533353.49	0.00	
CHUKHA	2539.50	4456.12	4312399.62	0.00	
KIRICHU	720.00	833.84	225394.49	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 14-11-2016 TO 20-11-2016	BSPHCL	-422643.43	-411007.86	7005483.61	-1374802.50
	JUVNL	-106922.80	-115578.08	-17422102.73	-2112707.44
	DVC	243419.66	249909.33	13887705.26	-277591.87
	GRIDCO	-155178.04	-156540.34	-3776204.22	-2194882.25
	SIKKIM	-10245.31	-8748.55	3229661.58	-56868.45
	WBSETCL	-146394.89	-154848.25	-14794385.17	-2918386.15
	NER	-5504.75	-129496.37	-222698770.89	-201670942.59
	NR	-407655.23	-364592.83	63434955.88	-6922690.03
	SR	-166251.36	-153705.45	20774325.34	-5820698.83
	WR	-84806.48	-8114.37	142508769.97	-5504818.34
	HVDC SASARAM	-173.52	-104.81	123588.23	-1270.48
	FSTPP I&II	193965.58	192846.03	-1667609.26	-49944.91
	BRBCL	0.00	-254.09	-459861.75	0.00
	KHSTPP-I	96999.35	95633.31	-1979425.95	-56292.40
	TALCHER SOLAR	307.73	281.76	-323884.84	0.00
	TSTPP	130981.11	130472.02	-651264.45	-19895.09
	NVVN-NEPAL	-12443.76	-12708.34	-483376.36	-6962.29
	RANGIT	6554.50	6737.69	429787.74	-2316.85
	IND BARATH	0.00	-61.75	-119113.67	0.00
	JORETHANG LOOP HEP	6419.29	6208.93	72688.29	-1567.83
	TP TCL	8242.12	8411.96	334291.48	-10704.31
	KHSTPP-II	189407.28	188352.47	-904751.56	0.00
	GMRKEL	100391.33	99434.98	2028495.93	-592.04
	FSTPP-III	56828.42	56747.54	-39500.86	-3575.87
	CHUZACHEN	4896.54	4953.24	142098.89	-7165.35
	TEESTA	34293.00	35401.45	2313888.07	-2160.26
	JITPL	120780.98	121951.71	2070428.71	-141220.25
	MAITHON R/B	144201.44	144700.72	2120822.12	-1579.74
	APNRL	40450.46	39407.13	-1478440.06	-325159.83
	NVVN-BD	-69245.65	-69201.67	-227629.20	-128248.72
	BARH	157769.82	153828.00	-6720240.61	-25244.23
	VAE	-3732.41	0.00	5660995.09	0.00

LEGEND: Energy:(+ve) means injection, (-ve) means drawal (+) means under drawal/ over injection
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: 14.11.16 TO 20.11.16

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	1455.00886	1146547	3566339	727504	5440390
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	507.00151	515114	1312738	253501	2081352
4	KhSTPP-II	1537.55060	1778946	3753233	768775	6300954
5	TSTPP-I	204.61438	185994	185994	102307	474296
6	BARH STPP-II	1601.75029	3059343	4089945	800875	7950163

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	231.750000	567324	425493
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	542.500000	1047711	785783
4	KhSTPP-II	72.000000	178128	133596
5	TSTPP-I	21.500000	33884	25413
6	BARH STPP-II	572.750000	1428809	1071606

**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	1455.008855	98210	BSEB
			8878	DVC
			218964	GRIDCO
			656833	WBSEB
			16235	SIKKIM
			70713	DELHI
			47608	PUNJAB.
			1238	RAJASTHAN
2	FSTPP III	0	0.000	0.00
3	KhSTPP-I	507.001509	2540	BSEB
			3048	DVC
			222487	GRIDCO
			156797	DELHI
			46362	PUNJAB.
			12771	RAJASTHAN
			71109	HARYANA
4	KhSTPP-II	1537.550596	8978	BSEB
			8330	DVC
			77866	GRIDCO
			1734	SIKKIM
			387979	DELHI
			214343	PUNJAB.
			25301	RAJASTHAN
			113987	HARYANA
			11949	HP
			301749	M.P
			13028	CHHATISGARH
			384416	MAHA RASHTRA
			229285	GUJRAT
5	TSSTPP-I	204.6143794	134390.796	BSEB
			45811.456	DVC
			5792.219	WBSEB
6	BARH STPP-II	1601.750294	2530972	BSEB
			349461	GRIDCO
			178910	SIKKIM

A) RRAS settlement account for the week 14.11.16 TO 20.11.16 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.