



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: 07.02.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 16.01.2017 to 22.01.2017

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, Loknayaak 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, 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)
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

**ABT based Deviation Charge Account
For the period 16.01.2017 TO 22.01.2017
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	125.62783	32.80531	158.43314	DVC	6.39147	6.27389	0.11757
JUVNL	221.17063	39.47570	260.64633	GRIDCO	37.26736	21.99923	15.26812
WBSETCL	280.51651	11.52288	292.03938	SIKKIM	32.08900	0.49087	31.59813
NR	503.26048	0.00000	503.26048	NER	1125.41644	0.00000	1125.41644
WR	861.72834	0.00000	861.72834	SR	86.80726	0.00000	86.80726
FSTPP I&II	11.17203	0.72561	11.89763	HVDC SASARAM	0.72353	0.00838	0.71515
BRBCL	9.78034	0.00000	9.78034	TALCHER SOLAR	2.50308	0.00000	2.50308
KHSTPP-I	15.54180	0.04322	15.58502	TSTPP	8.31416	0.15187	8.16229
NVVN-NEPAL	14.14213	0.28163	14.42377	RANGIT	2.85741	0.02647	2.83094
IND BARATH	1.08513	0.00000	1.08513	JORETHANG LOOP HEP	0.17025	0.02558	0.14467
TPTCL	11.74882	0.00448	11.75330	KHSTPP-II	6.79577	0.00000	6.79577
FSTPP-III	3.07140	0.00000	3.07140	GMRKEL	0.49223	0.00026	0.49198
NVVN-BD	3.62476	0.96339	4.58815	CHUZACHEN	0.78904	0.00000	0.78904
BARH	57.69430	6.66810	64.36240	TEESTA	11.25342	0.00000	11.25342
KBUNL	2.04724	0.00000	2.04724	JITPL	29.67848	1.17199	28.50649
				MAITHON R/B	3.08360	0.03776	3.04583
				APNRL	2.09871	0.22939	1.86932
				Teesta-III(TUL)	429.15942	0.00000	429.15942
				Adj. for NER(6th EMI)	74.33432	0.00000	74.33432
				Adj. for TUL for 14.01.17-15.01.17	5.50803	0.00000	5.50803
TOTAL	2122.21173	92.49032	2214.70205		1865.73297	30.41569	1835.31728

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

122.90601

(All figures in Rs. Lakhs)

Payable to the pool(A):	2122.21173
Payable from the pool(B):	1865.73297
Differential Amount Arising from capping of Thermal Power Stations(A-B)	256.47876
Additional Deviation Amount:	122.90601
VAE of Eastern Region:	197.41160

**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 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 (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 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) As informed by ERLDC, COD of Unit-01 of BRBCL Nabinagar started w.e.f. 00:00 hrs of 15.01.2017

xxxi) As informed by ERLDC, KBUNL Stage-II has started drawing startup power w.e.f 00.00 hrs of 28/12/17.

xxxii) As informed by ERLDC, TEESTA-III(TUL) has started injecting infirm power into grid w.e.f 15/01/17.

xxxiii) 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 6th EMI has been calculated and reflected in this statement as adjustment of NER Deviation Charges from Deviation Pool Account fund of Eastern Region.

xxxiv) Adjustment for Teesta-III(TUL) for 14.01.17-15.01.17 has been done in the current week.

MEMBER SECRETARY

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 16/01/2017 to 22/01/2017

Page 1 of 3

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
16/01/2017	BSPHCL	-60715.97	-60937.63	275450.23	85162.78
	JUVNL	-15210.40	-16478.71	-2062887.93	104561.85
	DVC	37750.27	40022.80	2890135.77	127760.35
	GRIDCO	-14289.88	-13547.79	718935.00	266814.96
	SIKKIM	-1652.55	-1490.98	226636.01	12206.71
	WBSETCL	-26346.89	-28039.21	-2090808.31	90521.95
	NER	-2896.48	5303.08	13956103.42	328674.35
	NR	-64172.98	-67878.96	-5215198.66	2353726.08
	SR	-5683.55	-6372.17	-4132545.79	826558.19
	WR	-6690.72	-14766.38	-15228096.22	14978383.93
	HVDC SASARAM	-26.19	-21.38	8006.98	167.68
	FSTPP I&II	28902.40	28867.43	-41013.10	2933.38
	BRBCL	0.00	-96.47	-163995.98	0.00
	KHSTPP-I	15220.33	15106.30	-161527.02	1839.26
	TALCHER SOLAR	35.49	45.15	88850.34	0.00
	TSTPP	21961.18	22080.57	189029.40	1820.72
	NVVN-NEPAL	-2866.56	-3008.22	-252549.35	383.06
	RANGIT	361.50	368.69	12071.15	177.29
	IND BARATH	0.00	-7.64	-17188.02	0.00
	JORETHANG LOOP HEP	439.03	386.14	-51778.15	218.52
	TPCL	622.80	561.33	-97931.74	0.00
	KHSTPP-II	19476.20	19426.98	30512.61	0.00
	GMRKEL	7669.42	7454.69	-22738.99	0.00
	FSTPP-III	8408.55	8374.46	-3928.86	0.00
	CHUZACHEN	496.79	505.19	20250.39	0.00
	TEESTA	2970.00	3044.51	194302.98	0.00
	JITPL	11744.28	11825.31	250619.69	27090.10
	MAITHON R/B	21650.25	21573.09	89641.92	0.00
	APNRL	10891.51	10901.75	98789.11	0.00
	NVVN-BD	-8627.12	-8663.53	-69195.78	19209.19
	BARH	24277.75	24051.16	-490707.31	51469.08
	VAE	-1737.44	0.00	3524439.89	0.00
	TALA	2400.00	256.88	-4243371.37	0.00
	CHUKHA	480.00	2010.40	3443400.28	0.00
	KIRICHU	840.00	-225.59	-2109876.12	0.00
KBUNL	0.00	-15.82	-28575.31	0.00	
Teesta-III(TUL)	0.00	4747.78	6127161.13	0.00	
17/01/2017	BSPHCL	-59233.34	-59666.56	-1364602.64	350259.06
	JUVNL	-14482.96	-16787.17	-4770150.60	1285029.68
	DVC	40507.52	42090.67	2378373.37	10247.94
	GRIDCO	-13182.27	-12776.62	673396.28	103300.45
	SIKKIM	-2091.58	-1447.70	1039241.40	0.00
	WBSETCL	-28300.07	-31013.46	-4626423.63	3793941.93
	NER	-5196.74	3733.75	16853759.53	0.00
	NR	-66307.30	-64163.67	6418685.17	4751565.33
	SR	-10544.07	-13769.89	-10618300.08	10228345.10
	WR	2241.47	-6406.27	-15845711.64	15675170.74
	HVDC SASARAM	-26.15	-22.07	8052.88	0.00
	FSTPP I&II	30638.95	30571.34	-255052.91	0.00
	BRBCL	0.00	-90.13	-171600.41	0.00
	KHSTPP-I	16152.23	16010.57	-242125.22	0.00
	TALCHER SOLAR	35.49	37.62	19513.31	0.00
	TSTPP	22121.88	22035.52	-175185.78	0.00
	NVVN-NEPAL	-2866.56	-3019.72	-308125.56	0.00
	RANGIT	430.50	438.76	41438.41	0.00
	IND BARATH	0.00	-7.42	-18049.37	0.00
	JORETHANG LOOP HEP	431.45	376.29	-85700.73	220.75
	TPCL	725.04	554.29	-318123.66	0.00
	KHSTPP-II	19967.48	19930.80	-19098.16	0.00
	GMRKEL	7340.50	7371.35	339924.36	0.00
	FSTPP-III	9365.76	9303.42	-93446.85	0.00
	CHUZACHEN	322.78	328.46	14119.76	0.00
	TEESTA	2802.00	2893.64	204019.52	0.00
	JITPL	10286.57	10600.22	604887.64	1103.77
	MAITHON R/B	21754.85	21731.67	61546.52	0.00
	APNRL	10889.42	10927.56	62707.86	0.00
	NVVN-BD	-8667.05	-8617.42	90859.56	10831.46
	BARH	19221.84	18396.00	-2024888.65	598833.11
	VAE	-1729.51	0.00	4323366.91	0.00
	TALA	2400.00	243.22	-4270425.86	0.00
	CHUKHA	0.00	1903.46	4282795.84	0.00
	KIRICHU	480.00	-181.27	-1309316.18	0.00
KBUNL	0.00	-13.46	-25811.69	0.00	
Teesta-III(TUL)	0.00	4173.09	6324838.24	0.00	
18/01/2017	BSPHCL	-61360.01	-61531.90	-1073851.49	228318.85
	JUVNL	-15169.52	-16563.47	-2435528.52	286246.12
	DVC	41107.72	41414.34	882544.01	593.58
	GRIDCO	-12727.69	-12413.02	-359984.97	590130.45
	SIKKIM	-1546.14	-1508.68	65204.81	5396.78
	WBSETCL	-28151.99	-30260.64	-2252940.55	132998.79
	NER	-5388.31	4413.20	16456880.55	329835.89
	NR	-61399.57	-69004.40	-13001119.99	7925214.60
	SR	-14231.07	-7702.91	11246565.61	752845.23
	WR	-1752.23	-10064.77	-15403447.44	13761980.76
	HVDC SASARAM	-26.16	-20.93	9003.17	140.98
	FSTPP I&II	30413.06	30286.34	-172869.56	16352.63
	BRBCL	0.00	-89.69	-150942.18	0.00
	KHSTPP-I	14958.11	14763.34	-280764.54	2482.95
	TALCHER SOLAR	40.85	39.09	-16521.64	0.00
	TSTPP	21136.32	21381.39	376118.12	13365.98
	NVVN-NEPAL	-2501.42	-2861.02	-669050.92	24614.67
	RANGIT	402.00	417.49	44233.10	638.66
	IND BARATH	0.00	-6.76	-15017.58	0.00
	JORETHANG LOOP HEP	415.66	406.75	130475.51	733.56
	TPCL	725.04	555.58	-287569.01	0.00
	KHSTPP-II	18948.22	18854.06	-194834.40	0.00
	GMRKEL	7685.49	7511.93	-54256.47	0.00
	FSTPP-III	9039.18	9005.57	-23199.31	0.00
	CHUZACHEN	325.80	333.23	13700.05	0.00
	TEESTA	2298.00	2376.00	171750.34	0.00
	JITPL	12930.34	13045.89	240454.69	0.00
	MAITHON R/B	21739.91	21676.44	53474.17	0.00
	APNRL	10891.88	10939.27	78660.25	0.00
	NVVN-BD	-8679.25	-8654.44	54198.16	5571.72
	BARH	24475.86	23975.67	-699126.16	5673.75
	VAE	-1753.12	0.00	3721359.81	0.00
	TALA	2400.00	201.58	-4352865.11	0.00
	CHUKHA	0.00	1577.62	3549637.12	0.00
	KIRICHU	480.00	-255.20	-1455689.66	0.00
KBUNL	0.00	-17.58	-28795.84	0.00	

	Teesta-III(TUL)	0.00	3829.45	4820447.04	0.00
--	-----------------	------	---------	------------	------

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 16/01/2017 to 22/01/2017

Page 2 of 3

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.	
19/01/2017	BSPHCL	-60809.09	-61240.17	-835327.58	43618.50	
	JUVNL	-15338.07	-16832.55	-2482405.34	253183.31	
	DVC	36427.84	35653.74	-831495.09	178005.59	
	GRIDCO	-14333.62	-13648.16	141754.52	468607.54	
	SIKKIM	-1594.58	-1507.41	134681.67	0.00	
	WBSETCL	-27469.80	-29340.61	-2817487.08	120457.75	
	NER	-3737.46	5992.00	16364202.23	116365.69	
	NR	-60948.04	-64476.92	-7088850.51	6719201.37	
	SR	-10779.82	-11306.21	-544238.79	2929790.61	
	WR	759.31	-4376.26	-9306508.44	9627660.01	
	HVDC SASARAM	-26.24	-21.01	9102.85	99.32	
	FSTPP I&II	29258.77	29169.19	-64801.52	0.00	
	BRBCL	0.00	83.78	-141955.97	0.00	
	KHSTPP-I	14843.84	14609.95	-266912.50	0.00	
	TALCHER SOLAR	40.10	42.28	20338.40	0.00	
	TSTPP	21679.94	21819.05	248102.16	0.00	
	NVVN-NEPAL	-2866.56	-2901.45	-81791.48	0.00	
	RANGIT	447.00	456.33	27719.05	0.00	
	IND BARATH	0.00	-7.20	-12537.05	0.00	
	JORETHANG LOOP HEP	408.20	436.77	172770.30	2.49	
	TPTCL	725.04	546.80	-301685.10	0.00	
	KHSTPP-II	18345.47	18840.33	894366.43	0.00	
	GMRKEL	7638.07	7509.45	-28687.44	0.00	
	FSTPP-III	8697.37	8659.50	-49653.87	0.00	
	CHUZACHEN	325.80	330.85	7308.44	0.00	
	TEESTA	2466.00	2533.42	131679.82	0.00	
	JITPL	11368.68	11551.42	225266.37	59209.13	
	MAITHON R/B	21859.65	21844.40	47606.36	0.00	
	APNRL	10891.88	10906.91	37187.24	2554.30	
	NVVN-BD	-864.03	-8751.96	-48366.49	26078.45	
	BARH	23498.46	23117.24	-574919.67	0.00	
	VAE	-767.98	0.00	1294028.34	0.00	
	TALA	2448.00	223.16	-4405187.40	0.00	
	CHUKHA	240.00	1746.46	3389539.41	0.00	
	KIRICHU	0.00	-198.66	-393351.55	0.00	
	KBUNL	0.00	-18.10	-30818.05	0.00	
	Teesta-III(TUL)	0.00	4715.85	6356477.00	0.00	
	20/01/2017	BSPHCL	-60590.49	-61619.78	-2735543.77	287879.81
		JUVNL	-14750.35	-16703.48	-4219047.60	1013938.63
		DVC	35418.07	35674.38	219691.14	10699.66
GRIDCO		-13712.18	-13493.17	-217431.14	416079.42	
SIKKIM		-1567.13	-1501.79	130393.45	0.00	
WBSETCL		-27567.59	-29149.32	-2755802.70	264781.71	
NER		-3180.92	6384.72	19094110.40	0.00	
NR		-64149.97	-66534.91	-448922.54	3650521.69	
SR		-12342.02	-9042.64	4849178.91	1576963.46	
WR		4867.00	-5012.68	-18796853.72	16788965.91	
HVDC SASARAM		-26.15	-20.17	11256.17	0.00	
FSTPP I&II		31109.47	31134.49	-130737.40	269.23	
BRBCL		0.00	-78.18	-156277.15	0.00	
KHSTPP-I		15709.83	15590.82	-215766.34	0.00	
TALCHER SOLAR		40.10	44.76	43474.74	0.00	
TSTPP		22299.57	22392.41	198065.31	0.00	
NVVN-NEPAL		-2866.56	-2944.51	-120019.73	0.00	
RANGIT		447.00	479.53	72469.92	0.00	
IND BARATH		0.00	-5.89	-14104.48	0.00	
JORETHANG LOOP HEP		422.48	346.62	-102649.37	886.80	
TPTCL		603.36	541.49	-120192.55	0.00	
KHSTPP-II		19094.03	19053.44	-137092.65	0.00	
GMRKEL		7606.89	7596.73	146489.63	0.00	
FSTPP-III		9516.94	9489.36	-34332.23	0.00	
CHUZACHEN		310.67	317.33	11253.98	0.00	
TEESTA		2466.00	2543.16	159704.59	0.00	
JITPL		10041.11	10407.42	705989.33	26061.18	
MAITHON R/B		22339.71	22349.45	73934.94	0.00	
APNRL		5843.90	5824.22	-30830.03	20385.13	
NVVN-BD		-7852.62	-7884.40	-108398.63	10232.73	
BARH		23731.43	23304.65	-792326.87	0.00	
VAE		-1927.99	0.00	4975997.29	0.00	
TALA		2352.00	196.41	-4268070.06	0.00	
CHUKHA		264.00	1537.12	2864525.37	0.00	
KIRICHU		1660.00	-253.83	-3789388.15	0.00	
KBUNL		0.00	-17.64	-32916.16	0.00	
Teesta-III(TUL)		0.00	4754.69	7176234.95	0.00	
21/01/2017		BSPHCL	-60426.18	-62049.95	-6199210.62	2079769.53
		JUVNL	-14835.80	-16810.58	-3023844.83	737540.53
		DVC	38102.17	38251.52	-177932.01	32087.20
	GRIDCO	-11981.92	-11444.64	354624.50	134758.06	
	SIKKIM	-1689.90	-1482.81	354853.01	0.00	
	WBSETCL	-27989.54	-29169.65	-1124228.08	66002.98	
	NER	-3446.99	6017.77	15175377.24	0.00	
	NR	-60403.85	-65750.14	-9579678.34	6392456.56	
	SR	-14312.56	-11069.18	3761900.48	2248401.31	
	WR	1886.82	-6637.49	-10545534.39	14205023.50	
	HVDC SASARAM	-26.12	-17.67	13492.68	0.00	
	FSTPP I&II	29770.44	29660.00	-168651.74	0.00	
	BRBCL	0.00	-66.85	-106849.39	0.00	
	KHSTPP-I	15420.66	15293.87	-218066.97	0.00	
	TALCHER SOLAR	40.10	43.87	34949.37	0.00	
	TSTPP	21488.25	21582.13	92109.77	0.00	
	NVVN-NEPAL	-2866.56	-2866.20	-13462.35	0.00	
	RANGIT	456.00	466.78	36246.43	0.00	
	IND BARATH	0.00	-6.55	-15258.15	0.00	
	JORETHANG LOOP HEP	426.27	423.30	81787.77	3.23	
	TPTCL	603.36	535.14	-102925.97	0.00	
	KHSTPP-II	19662.36	19680.35	-93724.28	0.00	
	GMRKEL	7632.92	7503.64	-27414.66	0.00	
	FSTPP-III	8628.73	8584.07	-50671.13	0.00	
	CHUZACHEN	310.65	313.73	9087.96	0.00	
	TEESTA	2634.00	2692.00	138746.12	0.00	
	JITPL	11085.06	11217.60	336790.20	500.85	
	MAITHON R/B	21841.49	21811.02	20276.06	0.00	
	APNRL	5855.04	5860.29	13399.67	0.00	
	NVVN-BD	-7687.96	-7798.51	-150970.64	24415.24	
	BARH	24743.05	24233.35	-858530.46	10833.64	
	VAE	-2080.02	0.00	2890056.06	0.00	
	TALA	2400.00	205.13	-4345844.42	0.00	

	CHUKHA	96.00	1605.37	3396074.18	0.00
	KIRICHU	216.00	-235.04	-893067.12	0.00
	KBUNL	0.00	-19.66	-32021.53	0.00
	Teesta-III(TUL)	0.00	4754.84	6189014.60	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 16/01/2017 to 22/01/2017

Page 3 of 3

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
22/01/2017	BSPHCL	-61168.81	-61045.76	-210553.64	205522.82
	JUVNL	-15111.14	-16483.15	-2300764.86	267069.93
	DVC	37565.45	37732.41	-93237.43	267994.97
	GRIDCO	-13267.60	-13293.04	-35665.07	220232.53
	SIKKIM	-1772.61	-1284.49	717331.80	31483.37
	WBSSETCL	-23814.13	-26175.46	-3153224.78	98182.50
	NER	-3146.10	6676.52	14641211.02	473120.57
	NR	-55151.76	-66832.87	-17369963.25	10296819.81
	SR	-13168.69	-9840.28	4118165.48	2742747.59
	WR	-3616.34	-4428.91	-1046681.57	2706404.57
	HVDC SASARAM	-26.64	-17.80	13438.27	430.14
	FSTPP I&II	28673.29	28573.96	-284076.30	53005.61
	BRBCL	0.00	-57.64	-86412.68	0.00
	KHSTPP-I	14661.50	14522.91	-169017.47	0.00
	TALCHER SOLAR	40.10	46.55	59703.26	0.00
	TSTPP	21967.17	21834.07	-96823.21	0.00
	NVVN-NEPAL	-2060.34	-2042.47	30785.64	3165.67
	RANGIT	429.00	457.73	51562.55	1830.55
	IND BARATH	0.00	-7.13	-16358.23	0.00
	JORETHANG LOOP HEP	426.27	338.40	-127880.52	492.26
	TPTCL	501.12	533.25	53546.00	448.43
	KHSTPP-II	19169.15	19201.25	199447.68	0.00
	GMRKEL	7638.35	7250.47	-304093.30	25.50
	FSTPP-III	8138.45	8087.77	-51907.79	0.00
	CHUZACHEN	146.25	148.34	3183.44	0.00
	TEESTA	2550.00	2614.18	125138.85	0.00
	JITPL	10193.38	10501.38	603840.30	3223.73
	MAITHON R/B	21548.04	21469.05	-38120.41	3776.42
	APNRL	5903.52	5869.67	-50042.60	0.00
	NVVN-BD	-8454.89	-8563.85	-130602.31	0.00
	BARH	23196.89	23049.05	-328930.92	0.00
	VAE	705.58	0.00	-988088.38	0.00
	TALA	2400.00	219.26	-4317873.83	0.00
CHUKHA	96.00	1715.92	3644825.79	0.00	
KIRICHU	216.00	-317.64	-1056597.70	0.00	
KBUNL	0.00	-17.35	-25785.36	0.00	
Teesta-III(TUL)	0.00	4753.09	5921768.64	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 16/01/2017 TO 22/01/2017	BSPHCL	-424303.88	-428091.74	-12562782.70	-3280531.34
	JUVNL	-104898.23	-116659.11	-22117062.90	-3947570.03
	DVC	266879.02	270839.86	639146.72	-627389.29
	GRIDCO	-93495.16	-90616.45	3726735.79	-2199923.41
	SIKKIM	-11914.49	-10223.86	3208899.71	-49086.86
	WBSSETCL	-189640.00	-203148.36	-28051650.78	-1152287.62
	NER	-26992.97	38521.04	112541644.40	-1247996.50
	NR	-432533.46	-464641.87	-50326048.11	-42089505.45
	SR	-81061.77	-69083.27	8680725.82	-28744678.49
	WR	-2304.70	-51692.76	-86172833.53	-87743589.43
	HVDC SASARAM	-183.65	-141.03	72353.00	-838.11
	FSTPP I&II	208766.39	208262.75	-1117202.53	-72560.85
	BRBCL	0.00	-562.74	-978033.77	0.00
	KHSTPP-I	106966.50	105897.76	-1554180.06	-4322.22
	TALCHER SOLAR	272.23	299.32	250307.77	0.00
	TSTPP	152654.32	153125.13	831415.76	-15186.70
	NVVN-NEPAL	-18894.56	-19643.58	-1414213.16	-28163.39
	RANGIT	2973.00	3085.31	285740.60	-2646.50
	IND BARATH	0.00	-48.58	-108512.88	0.00
	JORETHANG LOOP HEP	2969.35	2714.27	17024.81	-2557.62
	TPTCL	4505.76	3827.88	-1174882.03	-448.43
	KHSTPP-II	134662.91	134987.21	679577.22	0.00
	GMRKEL	53211.63	52198.25	49223.13	-25.50
	FSTPP-III	61794.98	61504.15	-307140.04	0.00
	CHUZACHEN	2238.74	2277.14	78904.02	0.00
	TEESTA	18186.00	18696.91	1125342.23	0.00
	JITPL	77649.42	79149.23	2967848.23	-117198.76
	MAITHON R/B	152733.89	152455.12	308359.57	-3776.42
	APNRL	61167.15	61229.67	209871.49	-22939.42
	NVVN-BD	-58632.91	-58934.11	-362476.15	-96338.79
	BARH	163145.29	160127.12	-5769430.03	-666809.58
	VAE	-9290.47	0.00	19741159.92	0.00
	KBUNL	0.00	-119.62	-204723.94	0.00
Teesta-III(TUL)	0.00	31728.80	42915941.60	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:07/02/2017

RRAS Account for Week: 16.01.17 TO 22.01.17

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	3801.64510	2995696	9002296	1900823	13898814
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1730.29402	1757979	3946801	865147	6569926
4	KhSTPP-II	2639.33780	3053714	5703609	1319669	10076992
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	4210.67176	8042383	10682474	2105336	20830193

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	461.765000	1093460	820095
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	289.250000	659779	494834
4	KhSTPP-II	272.000000	587792	440844
5	TSTPP-I	554.250000	939454	704590
6	BARH STPP-II	1104.250000	2801482	2101112

**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	3801.645098	20429	BSEB
			238	DVC
			2292049	GRIDCO
			608094	WBSEB
			288	SIKKIM
			8044	UP
			24581	DELHI
			8353	PUNJAB.
			27474	RAJASTHAN
			6147	HARYANA
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	1730.294015	88331	BSEB
			1272	DVC
			1263497	GRIDCO
			187766	UP
			45053	DELHI
			36049	PUNJAB.
			101062	RAJASTHAN
			34949	HARYANA
4	KhSTPP-II	2639.337799	838	DVC
			340342	GRIDCO
			611	SIKKIM
			642903	UP
			67876	DELHI
			40700	PUNJAB.
			206984	RAJASTHAN
			301880	HARYANA
			188747	M.P
			171841	CHHATISGARH
			46845	MAHA RASHTRA
			1044147	GUJRAT
5	TSSTPP-I	0	0.000	0.000
6	BARH STPP-II	4210.671764	1925415	BSEB
			5790863	GRIDCO
			326106	SIKKIM

A) RRAS settlement account for the week 16.01.17 TO 22.01.17 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 and the same published in ERPC website as format AS-3.

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.