



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: 16.02.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 23.01.2017 to 29.01.2017

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, Loknaya Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1st Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131 (Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, 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 23.01.2017 TO 29.01.2017
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	131.30149	32.19858	163.50007	GRIDCO	55.97189	17.31541	38.65648
JUVNL	285.95618	59.92918	345.88536	SIKKIM	27.93070	0.94548	26.98522
DVC	72.48165	16.14664	88.62829	NER	1304.60859	0.00000	1304.60859
WBSETCL	277.41410	31.32401	308.73812	WR	1380.77247	0.00000	1380.77247
NR	1151.82569	0.00000	1151.82569	HVDC SASARAM	1.00885	0.01904	0.98981
SR	1383.88617	0.00000	1383.88617	TSTPP	4.85312	0.13072	4.72240
FSTPP I&II	43.84500	2.26931	46.11431	NVVN-NEPAL	16.33880	0.77016	15.56865
BRBCL	12.94223	0.00000	12.94223	RANGIT	2.74328	0.03014	2.71314
KHSTPP-I	24.05749	0.07779	24.13527	KHSTPP-II	1.16934	0.29848	0.87087
TALCHER SOLAR	3.30822	0.00000	3.30822	GMRKEL	2.74333	0.02267	2.72066
IND BARATH	0.76421	0.00000	0.76421	CHUZACHEN	0.64419	0.00066	0.64353
JORETHANG LOOP HEP	2.13641	0.04566	2.18207	TEESTA	11.99591	0.00000	11.99591
TPTCL	8.32166	0.00453	8.32619	JITPL	47.28407	0.47722	46.80685
FSTPP-III	12.25350	2.15115	14.40464	MAITHON R/B	1.56792	0.01583	1.55210
NVVN-BD	15.27036	3.94861	19.21897	APNRL	11.21023	0.94163	10.26860
BARH	44.33993	6.13369	50.47362	Teesta-III(TUL)	452.21760	0.00000	452.21760
KBUNL	2.97716	0.00000	2.97716	Adj. for MAITHON R/B for 01.08.16	3.76478	0.00000	3.76478
Adj. for SR for 01.08.16 & 11.01.17	9.58537	0.00000	9.58537	Adj. for APNRL for 11.01.17 & 16.01.17	1.03668	0.00000	1.03668
Adj. for JUVNL for 16.01.17	0.00044	0.00000	0.00044				
TOTAL	3482.66727	154.22914	3636.89641		3327.86177	20.96743	3306.89434

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

175.19656

(All figures in Rs. Lakhs)

Payable to the pool(A):	3482.66727
Payable from the pool(B):	3327.86177
Differential Amount Arising from capping of Thermal Power Stations(A-B)	154.80550
Additional Deviation Amount:	175.19656
VAE of Eastern Region:	72.21651

MEMBER SECRETARY

**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 (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 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 Jorehang 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 JUVNL, SR, MPL and APNRL has been done due to revision of schedule for the dates 01.08.16, 11.01.17 & 16.01.17.

MEMBER SECRETARY

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 23/01/2017 to 29/01/2017

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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.
23/01/2017	BSPHCL	-60250.05	-59955.39	1038503.83	127879.05
	JUVNL	-15526.15	-17259.12	-3086699.26	362885.71
	DVC	37072.78	36815.08	-1793905.60	253018.13
	GRIDCO	-11429.34	-11525.52	-79265.61	204387.50
	SIKKIM	-1595.83	-1388.86	348643.29	0.00
	WBSETCL	-27648.56	-29234.07	-2370645.87	121394.70
	NER	-3695.12	8085.08	21989624.39	238723.89
	NR	-56613.94	-69927.63	-25043172.00	16223000.35
	SR	-3761.78	-8321.60	-8295827.33	7879691.26
	WR	-13946.32	-10022.88	5900146.83	1417401.42
	HVDC SASARAM	-26.18	-18.44	13371.02	149.79
	FSTPP I&II	31908.37	31639.95	-345348.44	0.00
	BRBCL	0.00	-58.18	-106854.61	0.00
	KHSTPP-I	15621.87	15423.30	-149975.84	0.00
	TALCHER SOLAR	40.10	43.82	34677.42	0.00
	TSTPP	22514.84	22485.13	-51111.06	0.00
	NVVN-NEPAL	-2868.48	-2617.54	156066.34	50691.55
	RANGIT	460.50	464.54	8067.66	435.74
	IND BARATH	0.00	-6.62	-16857.13	0.00
	JORETHANG LOOP HEP	422.93	398.69	-64370.43	76.45
	TPCL	516.42	526.39	18611.89	452.88
	KHSTPP-II	19645.43	19521.48	-422902.80	8156.29
	GMRKEL	7144.98	6961.02	-82102.06	0.00
	FSTPP-III	9168.94	9122.45	-47951.08	0.00
	CHUZACHEN	486.34	492.53	10101.06	65.86
	TEESTA	2634.00	2720.51	192111.26	0.00
	JITPL	10129.19	10371.78	513848.92	1021.15
	MAITHON R/B	21652.33	21614.91	48622.94	0.00
	APNRL	7590.07	7725.67	399377.05	0.00
	NVVN-BD	-8401.65	-8534.11	-298233.57	125347.80
	BARH	24359.32	24058.15	-367654.55	0.00
	VAE	-2991.14	0.00	4567132.73	0.00
	TALA	2400.00	194.55	-4366795.42	0.00
	CHUKHA	96.00	1522.56	3209750.20	0.00
KIRICHU	216.00	-369.29	-1158870.24	0.00	
KBUNL	0.00	-23.30	-42635.05	0.00	
Teesta-III(TUL)	0.00	4692.51	6388426.39	0.00	
24/01/2017	BSPHCL	-59810.36	-58911.09	1067859.68	46023.68
	JUVNL	-15585.66	-17984.57	-4106090.32	705096.13
	DVC	30234.55	29446.34	-1257482.08	188684.51
	GRIDCO	-11765.68	-11577.08	-184802.64	303959.51
	SIKKIM	-1541.76	-1383.46	286171.94	0.00
	WBSETCL	-30335.63	-32401.67	-3326312.34	154195.17
	NER	-3692.36	6158.44	17875101.28	0.00
	NR	-56688.76	-65243.20	-16861116.76	9569502.11
	SR	-4977.28	-10331.64	-7403751.86	8973657.38
	WR	-7328.07	-3787.93	4635946.03	1575372.10
	HVDC SASARAM	-26.23	-18.34	14276.91	0.00
	FSTPP I&II	31670.95	31229.42	-757261.96	0.00
	BRBCL	0.00	-62.47	-112726.74	0.00
	KHSTPP-I	15292.43	15070.95	-200342.56	0.00
	TALCHER SOLAR	40.10	43.13	28325.03	0.00
	TSTPP	22072.00	22149.49	190755.03	0.00
	NVVN-NEPAL	-2868.48	-2796.20	157000.03	0.00
	RANGIT	420.00	426.68	19053.15	0.00
	IND BARATH	0.00	-5.67	-13651.70	0.00
	JORETHANG LOOP HEP	422.93	339.52	-108819.74	1242.54
	TPCL	629.76	621.13	-194417.05	0.00
	KHSTPP-II	19139.30	19140.25	58548.60	0.00
	GMRKEL	7653.48	7561.02	74361.42	0.00
	FSTPP-III	8904.52	8853.01	-54600.12	0.00
	CHUZACHEN	282.22	287.25	5926.16	0.00
	TEESTA	2466.00	2548.76	206596.15	0.00
	JITPL	11232.47	11496.36	508328.49	3181.10
	MAITHON R/B	22234.29	22180.40	-27085.69	0.00
	APNRL	10787.09	10912.80	253942.26	0.00
	NVVN-BD	-8416.33	-8509.49	-101776.25	10302.07
	BARH	25031.95	24497.89	-893079.73	0.00
	VAE	-2950.52	0.00	4431973.37	0.00
	TALA	2400.00	168.19	-4418990.47	0.00
	CHUKHA	96.00	1316.25	2745562.66	0.00
KIRICHU	360.00	-245.78	-1199442.82	0.00	
KBUNL	0.00	-26.26	-46113.77	0.00	
Teesta-III(TUL)	0.00	4769.53	6589106.82	0.00	
25/01/2017	BSPHCL	-59677.60	-59107.06	1224138.81	0.00
	JUVNL	-14725.01	-17170.84	-5136217.78	1087389.04
	DVC	29045.48	26729.96	-5288233.23	793989.50
	GRIDCO	-13312.12	-13035.61	76427.75	157275.10
	SIKKIM	-1511.25	-1386.79	288832.83	0.00
	WBSETCL	-30255.12	-32390.79	-4168365.86	128808.73
	NER	-4006.05	5544.17	21451707.76	0.00
	NR	-49459.16	-55549.50	-13568064.35	7472068.92
	SR	-4717.52	-16705.45	-27180391.29	25219260.65
	WR	-12476.23	-245.53	25785427.37	173245.22
	HVDC SASARAM	-26.17	-18.43	16856.59	0.00
	FSTPP I&II	32357.37	31964.03	-835598.18	0.00
	BRBCL	0.00	-92.71	-197968.78	0.00
	KHSTPP-I	15489.77	15301.42	-400614.24	0.00
	TALCHER SOLAR	47.90	43.26	43447.39	0.00
	TSTPP	22180.63	22357.42	391015.21	0.00
	NVVN-NEPAL	-2868.48	-2826.97	80452.52	0.00
	RANGIT	429.00	454.15	81009.22	0.00
	IND BARATH	0.00	-6.69	-16949.32	0.00
	JORETHANG LOOP HEP	377.22	379.90	83714.35	0.00
	TPCL	629.76	515.75	-246940.34	0.00
	KHSTPP-II	19366.79	19449.50	107264.27	0.00
	GMRKEL	7638.69	7692.07	290211.62	0.00
	FSTPP-III	5835.90	5409.71	-801034.97	206463.65
	CHUZACHEN	289.27	294.31	10237.59	0.00
	TEESTA	2382.00	2460.69	186645.82	0.00
	JITPL	10954.07	11488.65	1210857.03	0.00
	MAITHON R/B	22467.77	22451.53	19856.78	0.00
	APNRL	10821.01	10901.09	186865.84	0.00
	NVVN-BD	-8398.81	-8408.73	-135777.48	27128.41
	BARH	24009.23	23636.07	-646955.21	0.00
	VAE	-479.38	0.00	656664.56	0.00
	TALA	2400.00	202.58	-4350891.57	0.00
	CHUKHA	96.00	1585.42	3351188.21	0.00
KIRICHU	360.00	-328.49	-1363208.62	0.00	
KBUNL	0.00	-33.20	-77876.62	0.00	

	Teesta-III(TUL)	0.00	4695.13	7622671.85	0.00
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ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 23/01/2017 to 29/01/2017

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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.
26/01/2017	BSPHCL	-60229.97	-61043.90	-1207730.48	89124.31
	JUVNL	-15268.78	-17897.05	-3300415.02	676695.58
	DVC	22697.55	23539.60	886914.93	144964.62
	GRIDCO	-16661.72	-17289.32	-701165.00	510059.67
	SIKKIM	-1641.79	-1118.49	650267.34	33948.00
	WBSETCL	-25037.48	-26901.08	-1923950.66	157045.11
	NER	-4226.20	5075.27	11920062.13	1312306.11
	NR	-41131.35	-48134.66	-12399544.77	8520889.28
	SR	-5080.95	-7736.80	-5101242.52	7857020.87
	WR	-1193.81	4352.50	9590873.91	2057046.55
	HVDC SASARAM	-26.22	-18.22	10520.74	842.65
	FSTPP I&II	31352.20	31082.44	-180204.25	0.00
	BRBCL	0.00	88.87	-111273.10	0.00
	KHSTPP-I	14724.22	14421.87	-342277.93	2598.44
	TALCHER SOLAR	47.61	35.25	-117846.65	0.00
	TSTPP	21190.51	21131.35	-89465.71	4672.46
	NVVN-NEPAL	-2868.48	-2775.96	123490.59	10697.09
	RANGIT	411.00	420.28	46037.46	1262.38
	IND BARATH	0.00	-5.02	-5572.28	0.00
	JORETHANG LOOP HEP	359.85	326.59	21800.05	0.00
	TPTCL	520.32	501.62	-5187.50	0.00
	KHSTPP-II	16788.27	17039.81	454223.22	3200.15
	GMRKEL	6299.73	6030.40	-69894.06	72.12
	FSTPP-III	8953.41	8845.57	-83895.29	3151.00
	CHUZACHEN	299.87	304.94	8762.27	0.00
	TEESTA	2889.00	2966.73	103648.44	0.00
	JITPL	10760.76	10798.40	250041.18	0.00
	MAITHON R/B	10950.25	10911.24	116074.80	348.18
	APNRL	10659.43	10871.20	179768.96	84959.78
	NVVN-BD	-8607.10	-8537.42	47524.47	253.66
	BARH	22344.86	22089.82	-300598.00	3712.76
	VAE	2935.86	0.00	-2860856.35	0.00
	TALA	2112.00	259.29	-3668361.33	0.00
	CHUKHA	0.00	2029.25	4565821.79	0.00
	KIRICHU	288.00	-256.78	-1078673.11	0.00
	KBUNL	0.00	-13.98	-17255.14	0.00
	Teesta-III(TUL)	0.00	4684.44	5063044.85	0.00
27/01/2017	BSPHCL	-55691.44	-58388.66	-5489927.40	717300.58
	JUVNL	-15263.99	-18377.44	-6018545.53	1707185.36
	DVC	26771.59	27582.96	1429455.89	211609.22
	GRIDCO	-13734.32	-13500.80	621373.60	329312.94
	SIKKIM	-1495.64	-1341.30	66087.89	55864.66
	WBSETCL	-22407.32	-24981.40	-3999279.52	1214846.57
	NER	-5849.70	6519.81	23267086.54	1521232.00
	NR	-44407.99	-43573.54	-1157463.82	2801708.67
	SR	-13815.68	-14359.30	-2237513.51	3549216.73
	WR	8615.30	2860.44	-11646710.54	12015940.98
	HVDC SASARAM	-26.27	-18.71	14195.73	740.93
	FSTPP I&II	26797.68	26512.09	-482878.45	0.00
	BRBCL	0.00	-104.42	-189983.29	0.00
	KHSTPP-I	16209.61	15935.81	-414385.23	2435.38
	TALCHER SOLAR	35.03	20.99	-159748.68	0.00
	TSTPP	22000.70	21942.24	-103833.03	8399.67
	NVVN-NEPAL	-2868.48	-2753.81	192354.05	12593.86
	RANGIT	519.00	488.37	32290.97	0.00
	IND BARATH	0.00	-1.38	-6101.00	0.00
	JORETHANG LOOP HEP	365.14	384.64	22165.60	3246.72
	TPTCL	520.32	512.82	15082.81	0.00
	KHSTPP-II	19017.20	19052.67	181450.79	0.00
	GMRKEL	7426.17	7334.04	163293.40	0.00
	FSTPP-III	9206.38	9164.00	-4392.76	5500.01
	CHUZACHEN	299.87	304.67	13249.20	0.00
	TEESTA	2259.00	2324.36	143713.94	0.00
	JITPL	12126.04	12256.95	758164.80	6183.63
	MAITHON R/B	10678.39	10695.42	106439.75	0.00
	APNRL	5714.70	5762.91	94855.28	9203.39
	NVVN-BD	-8712.76	-8961.60	-358304.37	0.00
	BARH	17090.78	16326.44	-1803260.36	605804.56
	VAE	741.81	0.00	-68688.79	0.00
	TALA	2352.00	265.39	-4131484.25	0.00
	CHUKHA	0.00	2076.99	4673227.12	0.00
	KIRICHU	288.00	-289.53	-1143502.27	0.00
	KBUNL	0.00	-20.46	-38577.97	0.00
	Teesta-III(TUL)	0.00	3713.31	5489494.01	0.00
28/01/2017	BSPHCL	-54794.45	-56424.39	-4877120.66	1421611.39
	JUVNL	-16626.56	-18571.94	-4526955.62	1200247.66
	DVC	29948.10	30143.29	273536.39	14226.36
	GRIDCO	-13567.47	-12620.38	1264383.12	133720.63
	SIKKIM	-1482.53	-1243.53	516582.33	0.00
	WBSETCL	-16001.18	-17091.62	-2382591.86	779638.17
	NER	-6801.76	1923.10	18196455.49	0.00
	NR	-46242.32	-54996.95	-18426097.40	9295695.16
	SR	-6023.56	-32407.38	-55714720.83	52120190.29
	WR	-1869.08	24573.21	56876773.75	0.00
	HVDC SASARAM	-26.12	-18.10	16769.24	0.00
	FSTPP I&II	22116.82	21730.27	-731825.61	204026.59
	BRBCL	0.00	-147.18	-307446.25	0.00
	KHSTPP-I	15968.40	15733.26	-377933.10	0.00
	TALCHER SOLAR	46.85	37.84	-84326.20	0.00
	TSTPP	22352.00	22350.52	126357.19	0.00
	NVVN-NEPAL	-2868.48	-2536.92	470964.69	0.00
	RANGIT	411.00	455.58	92237.52	0.00
	IND BARATH	0.00	-0.29	-5441.13	0.00
	JORETHANG LOOP HEP	420.67	396.03	-3432.76	0.00
	TPTCL	622.32	518.00	-217406.68	0.00
	KHSTPP-II	19481.94	19407.11	-22462.45	17641.08
	GMRKEL	7691.66	7602.25	30726.16	1488.03
	FSTPP-III	9515.43	9435.69	-165470.36	0.00
	CHUZACHEN	330.61	335.99	11062.60	0.00
	TEESTA	2805.00	2902.47	222335.78	0.00
	JITPL	11762.79	12242.76	939275.44	37336.22
	MAITHON R/B	10753.85	10822.18	181697.05	0.00
	APNRL	5780.17	5848.07	114409.73	0.00
	NVVN-BD	-9320.28	-9507.24	-566135.60	226004.23
	BARH	17657.67	17891.67	27989.00	0.00
	VAE	-153.60	0.00	24640.53	0.00
	TALA	2496.00	272.48	-4402566.88	0.00

	CHUKHA	288.00	2132.47	4150066.13	0.00
	KIRICHU	216.00	-98.04	-621796.82	0.00
	KBUNL	0.00	-22.36	-45247.25	0.00
	Teesta-III(TUL)	0.00	4799.85	7429939.90	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 23/01/2017 to 29/01/2017

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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.
29/01/2017	BSPHCL	-58585.29	-61180.41	-5223297.26	817918.59
	JUVNL	-17299.79	-18075.43	-1871782.93	253418.70
	DVC	27992.83	28549.02	1028317.31	8171.51
	GRIDCO	-15106.24	-13850.12	1758686.74	92825.30
	SIKKIM	-1226.19	-1188.75	39244.07	4735.33
	WBSETCL	-14256.26	-15993.03	-2986007.30	576473.04
	NER	-5128.58	3886.39	15760821.92	197494.78
	NR	-40018.07	-55672.81	-27727109.96	18627204.51
	SR	-11960.98	-30844.59	-32455469.62	28764188.86
	WR	-6269.97	20462.20	46934789.35	463378.17
	HVDC SASARAM	-26.50	-17.99	14894.58	170.35
	FSTPP I&II	21321.46	20784.38	-1051383.44	22904.32
	BRBCL	0.00	-152.47	-267970.72	0.00
	KHSTPP-I	15687.43	15370.52	-520219.83	2744.89
	TALCHER SOLAR	45.16	46.48	11544.96	0.00
	TSTPP	22612.34	22591.41	21594.23	0.00
	NVVN-NEPAL	-2868.48	-2540.67	453551.96	3033.12
	RANGIT	474.00	475.17	-4367.72	1315.78
	IND BARATH	0.00	-4.36	-11848.72	0.00
	JORETHANG LOOP HEP	409.43	350.88	-133758.15	0.00
	TPTCL	622.32	506.51	-201909.09	0.00
	KHSTPP-II	18567.68	18397.37	-239187.17	850.33
	GMRKEL	7695.82	7534.25	-132263.55	706.69
	FSTPP-III	8672.10	8621.42	-68004.95	0.00
	CHUZACHEN	136.08	138.00	5080.36	0.00
	TEESTA	2679.00	2759.64	144539.20	0.00
	JITPL	11620.89	11943.85	547891.40	0.00
	MAITHON R/B	17694.81	17547.49	-288813.13	1234.66
	APNRL	5898.48	5837.24	-108195.85	0.00
	NVVN-BD	-10749.04	-10814.04	-114333.60	5824.82
	BARH	23688.96	23426.51	-450434.16	3851.82
	VAE	-336.57	0.00	470785.36	0.00
	TALA	2736.00	265.08	-4892426.99	0.00
	CHUKHA	96.00	2074.53	4451689.01	0.00
KIRICHU	192.00	-196.25	-768742.92	0.00	
KBUNL	0.00	-17.32	-30010.65	0.00	
Teesta-III(TUL)	0.00	4613.24	6639076.20	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 23/01/2017 TO 29/01/2017	BSPHCL	-409039.16	-415010.90	-13130149.05	-3219857.60
	JUVNL	-110295.94	-125336.40	-28595617.72	-5992918.18
	DVC	203762.89	202806.24	-7248165.28	-1614663.54
	GRIDCO	-95576.88	-93398.82	5597188.88	-1731540.65
	SIKKIM	-10494.99	-9051.17	2793070.40	-94547.99
	WBSETCL	-165941.54	-178993.66	-27741410.34	-3132401.48
	NER	-33399.76	37192.26	130460859.50	-3269756.78
	NR	-334561.59	-393098.29	-115182569.06	-72510069.01
	SR	-50337.74	-120706.76	-138388616.95	-134363226.05
	WR	-34468.19	38192.00	138077246.70	-17702384.45
	HVDC SASARAM	-183.68	-128.24	100884.81	-1903.71
	FSTPP I&II	197524.84	194942.59	-4384500.32	-226930.91
	BRBCL	0.00	-706.31	-1294223.49	0.00
	KHSTPP-I	108993.72	107257.13	-2405748.74	-7778.71
	TALCHER SOLAR	302.75	270.76	-330821.51	0.00
	TSTPP	154923.02	155007.55	485311.85	-13072.13
	NVVN-NEPAL	-20079.36	-18848.05	1633880.19	-77015.62
	RANGIT	3124.50	3184.77	274328.25	-3013.90
	IND BARATH	0.00	-30.04	-76421.28	0.00
	JORETHANG LOOP HEP	2778.15	2576.26	-213641.07	-4565.71
	TPTCL	4061.22	3602.21	-832165.96	-452.88
	KHSTPP-II	132006.62	132008.19	116934.45	-29847.85
	GMRKEL	51550.52	50715.05	274332.93	-2266.85
	FSTPP-III	60256.68	59451.85	-1225349.54	-215114.66
	CHUZACHEN	2124.25	2157.69	64419.24	-65.86
	TEESTA	18114.00	18683.16	1199590.59	0.00
	JITPL	78586.19	80598.76	4728407.26	-47722.10
	MAITHON R/B	116431.69	116223.16	156792.49	-1582.84
	APNRL	57250.93	57858.98	1121023.27	-94163.18
	NVVN-BD	-62605.98	-63272.62	-1527036.41	-394860.98
	BARH	154182.78	151926.54	-4433993.01	-613369.14
	VAE	-3233.54	0.00	7221651.42	0.00
	KBUNL	0.00	-156.89	-297716.45	0.00
	Teesta-III(TUL)	0.00	31968.00	45221760.02	0.00

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

16.02.2017

RRAS Account for Week: 23.01.17 TO 29.01.17

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	2617.80275	2062829	6198957	1308901	9570687
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1163.22684	1181838	2653320	581613	4416772
4	KhSTPP-II	1751.72009	2026740	3785467	875860	6688067
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	2852.24571	5447789	7236147	1426123	14110060

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	1822.250000	4315088	3236316
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	607.750000	1386278	1039708
4	KhSTPP-II	158.657500	342859	257144
5	TSTPP-I	1340.000000	2271300	1703475
6	BARH STPP-II	880.752500	2234469	1675852

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	2617.802746	186265	BSEB
			1733116	GRIDCO
			87605	WBSEB
			9456	SIKKIM
			18825	DELHI
			11867	PUNJAB.
			582	RAJASTHAN
			15112	HARYANA
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	1163.226841	94140	BSEB
			85	DVC
			825893	GRIDCO
			20312	UP
			63972	DELHI
			80625	PUNJAB.
			65468	RAJASTHAN
			31343	HARYANA
4	KhSTPP-II	1751.720086	43913	BSEB
			3761	DVC
			229839	GRIDCO
			167059	UP
			213819	DELHI
			131615	PUNJAB.
			238551	RAJASTHAN
			107808	HARYANA
			99265	M.P
			96769	CHHATISGARH
			83628	MAHA RASHTRA
5	TSSTPP-I	0		
6	BARH STPP-II	2852.245705	1729278	BSEB
			3476408	GRIDCO
			242103	SIKKIM

A) RRAS settlement account for the week 23.01.17 TO 29.01.17 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.