



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/2017/Feb01

Date: 16.03.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 13.02.2017 to 19.02.2017

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 13.02.17 TO 19.02.17
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	204.81629	26.86527	231.68156	DVC	56.66550	1.64234	55.02316
JUVNL	217.37051	29.90198	247.27248	SIKKIM	13.27157	0.34255	12.92902
GRIDCO	32.40939	16.08710	48.49649	NER	799.32541	0.00000	799.32541
WBSETCL	177.38179	12.88877	190.27056	WR	1477.55533	0.00000	1477.55533
NR	1690.11816	0.00000	1690.11816	HVDC SASARAM	0.80153	0.00472	0.79681
SR	364.45337	0.00000	364.45337	NVVN-NEPAL	16.74447	0.06774	16.67673
FSTPP I&II	41.24510	3.30543	44.55054	RANGIT	2.07840	0.00000	2.07840
BRBCL	5.34345	0.00000	5.34345	TEESTA	9.70060	0.03172	9.66888
KHSTPP-I	44.92306	0.47408	45.39715	JITPL	24.65643	0.22749	24.42893
TALCHER SOLAR	2.31850	0.00000	2.31850	MAITHON R/B	7.58179	0.00000	7.58179
TSTPP	2.02918	0.08048	2.10966	Teesta-III(TUL)	360.62048	0.00000	360.62048
IND BARATH	0.64900	0.00000	0.64900	Adj. for GRIDCO(Receivable from JUVNL) (2nd Installment)	200.54149	0.00000	200.54149
JORETHANG LOOP HEP	3.98177	0.00194	3.98371				
TPTCL	7.47493	0.00280	7.47773				
KHSTPP-II	12.59075	0.00000	12.59075				
GMRKEL	12.79915	0.05084	12.85000				
FSTPP-III	41.08678	5.35600	46.44277				
CHUZACHEN	0.23727	0.00000	0.23727				
APNRL	3.87970	1.46177	5.34147				
NVVN-BD	16.13492	1.45681	17.59173				
BARH	49.84349	0.16560	50.00909				
Adj. for JUVNL(Payable to GRIDCO)	200.54149	0.00000	200.54149				
TOTAL	3131.62805	98.09887	3229.72692		2969.54300	2.31657	2967.22643

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

100.41544

(All figures in Rs. Lakhs)

Payable to the pool(A):	3131.62805
Payable from the pool(B):	2969.54300
Differential Amount Arising from capping of Thermal Power Stations(A-B)	162.08505
Additional Deviation Amount:	100.41544
VAE of Eastern Region:	75.79538

**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 02/01/17-08/01/17 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 2.58% 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.

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

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

xxxii) As decided in the special meeting held on 25.01.17 at ERPC Kolkata , the jurisdiction of KBUNL Stage II is to be shifted from ERLDC to SLDC Bihar immediately w.e.f 06.02.2017 to enable full load trial operation.

xxxiii)As decided in the 34th Commercial Sub Committee Meeting of ERPC held on 06.02.17 at ERPC Kolkata the adjustment for GRIDCO and JUVNL would be done in 6 equal weekly installments in monetary terms. The adjustment has begun w.e.f 06.02.2017 and reflected accordingly.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 09/01/2017 to 15/01/2017

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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.
13/02/17	BSPHCL	-53,651.833	-56,671.656	-4,924,814.58	-1,603,558.58
	JUVNL	-15,053.890	-17,838.153	-4,491,001.43	-1,146,674.95
	DVC	38,207.773	39,707.929	2,126,801.20	-77,022.00
	GRIDCO	-10,988.534	-11,374.620	-818,622.62	-548,733.89
	SIKKIM	-1,195.449	-1,405.595	-368,375.27	-5,515.51
	WBSETCL	-20,558.308	-22,515.231	-2,542,800.79	-481,375.98
	NER	-4,330.018	4,963.738	14,790,589.83	-210,040.27
	NR	-54,225.741	-65,502.010	-18,861,697.28	-12,289,470.24
	SR	-12,441.428	-25,206.805	-21,815,268.82	-18,502,048.98
	WR	-10,208.123	11,909.376	36,467,005.67	-241,651.25
	FSTPP-I & II	31,624.767	31,255.119	-615,634.62	-3,437.53
	KHSTPP-I	16,427.021	15,844.570	-817,708.91	0.00
	TSTPP	8,706.951	8,662.599	-45,896.79	0.00
	RANGIT	400.500	407.183	14,228.98	0.00
	CHPC	72.000	934.204	1,939,957.99	0.00
	KHPC	504.000	-762.131	-2,506,938.98	0.00
	THPC	2,496.000	654.038	-3,647,085.36	0.00
	KHSTPP-II	29,095.036	28,762.532	-379,177.33	0.00
	FSTPP-III	9,914.286	9,768.699	-208,392.83	0.00
	TEESTA	1,923.000	1,983.418	146,473.42	-1,294.54
	MAITHON R/B	22,159.875	22,115.454	12,779.72	0.00
	BARH	17,625.138	17,180.181	-739,872.181	-1,772.13
	NVVN-NEPAL	-3,475.680	-3,338.093	224,982.906	-347.81
	APNRL	5,903.640	5,933.236	58,290.184	0.00
	GMRKEL	6,254.575	6,081.309	-213,188.347	-871.75
	JITPL	11,147.163	11,258.182	195,362.30	-21,612.84
	TPCL	425.760	430.458	6,873.49	-279.96
	BRBCL	0.000	-48.982	-76,701.577	0.00
	TALCHER SOLAR	47.788	39.919	-73,808.76	0.00
	JORETHANG HEP	360.080	350.784	20,982.75	0.00
	IND Barath	0.000	-4.218	-9,177.51	0.00
	HVDC SASARAM	-26.640	-19.365	11,674.651	-120.684
	VAE	-754.083	0.000	1,286,472.684	0.000
	NVVN	-11,086.065	-11,164.000	-72,405.729	0.00
	CHUZACHEN	0.000	-2.592	-4,180.784	0.00
	KBUNL	0.000	0.000	0.000	0.000
	Teesta-III(TUL)	0.000	3,903.564	5,059,989.709	0.000
14/02/17	BSPHCL	-57,175.123	-59,531.775	-3,217,912.24	-334,164.36
	JUVNL	-16,006.960	-17,920.587	-2,852,355.80	-392,863.38
	DVC	37,821.504	38,668.279	1,141,832.22	-769.92
	GRIDCO	-10,359.578	-11,164.196	-911,498.09	-210,026.04
	SIKKIM	-1,210.753	-1,409.719	-329,498.71	0.00
	WBSETCL	-21,652.265	-23,264.951	-2,126,857.00	-95,302.04
	NER	-4,804.618	-2,948.597	1,688,156.02	-280,889.52
	NR	-55,571.042	-61,121.577	-9,166,361.02	-5,412,735.63
	SR	-16,569.425	-28,507.771	-18,650,629.46	-14,872,934.58
	WR	-11,940.678	8,350.015	31,545,747.09	-8,732.87
	FSTPP-I & II	32,661.298	32,233.048	-548,248.85	0.00
	KHSTPP-I	15,696.665	15,148.005	-713,000.61	-448.21
	TSTPP	9,703.554	9,690.179	66,299.52	0.00
	RANGIT	354.000	376.337	33,422.95	0.00
	CHPC	240.000	785.893	1,228,259.87	0.00
	KHPC	408.000	-623.635	-2,042,637.70	0.00
	THPC	1,877.250	550.205	-2,627,548.32	0.00
	KHSTPP-II	29,245.818	28,926.025	-300,949.271	0.00
	FSTPP-III	8,093.843	8,082.951	772.071	0.00
	TEESTA	2,049.000	2,081.818	62,194.809	0.00
	MAITHON R/B	21,903.120	21,870.654	162,231.615	0.00
	BARH	25,684.778	24,965.454	-888,226.484	-5,698.99
	NVVN-NEPAL	-3,475.680	-3,378.950	124,789.330	0.00
	APNRL	5,840.640	5,914.691	127,125.276	0.00
	GMRKEL	7,662.638	7,361.891	-344,486.062	-3,006.19
	JITPL	17,529.565	17,527.127	107,502.096	0.00
	TPCL	528.000	412.477	-143,748.78	0.00
	BRBCL	0.000	-52.527	-73,903.412	0.00
	TALCHER SOLAR	47.788	42.959	-45,199.630	0.00
	JORETHANG HEP	337.010	303.616	-34,345.810	0.00
	IND Barath	0.000	-4.218	-5,834.999	0.00
	HVDC SASARAM	-19.154	-19.154	10,840.498	0.000
	VAE	-2,220.811	0.000	2,711,324.783	0.00
	NVVN	-11,087.755	-11,217.927	-178,760.739	-291.40
	CHUZACHEN	0.000	-2.952	-4,426.636	0.00
	KBUNL	0.000	0.000	0.000	0.000
	Teesta-III(TUL)	0.000	3,706.909	4,509,704.314	0.000
15/02/17	BSPHCL	-59,121.550	-57,928.886	1,055,661.80	-541.54
	JUVNL	-16,524.288	-17,369.862	-1,433,124.06	-9,931.45
	DVC	38,073.981	39,500.030	1,175,456.34	-17,625.23
	GRIDCO	-12,738.341	-12,547.351	386,715.70	-18,913.03
	SIKKIM	-1,796.942	-1,392.736	561,506.00	0.00
	WBSETCL	-21,565.888	-23,339.239	-1,673,562.71	-260,360.32
	NER	-5,748.470	3,618.184	14,035,214.49	-322.00
	NR	-54,632.116	-68,340.573	-19,715,344.61	-12,834,838.50
	SR	-29,791.268	-27,168.024	3,232,489.08	-1,251,716.17
	WR	-2,949.385	-3,017.310	-1,325,816.10	-7,452,506.32
	FSTPP-I & II	29,918.162	29,563.204	-458,220.42	0.00
	KHSTPP-I	15,684.425	15,277.107	-631,965.24	0.00
	TSTPP	19,651.011	19,593.012	-94,564.58	-4,097.65
	RANGIT	282.000	294.114	19,781.31	0.00
	CHPC	240.000	486.395	554,388.60	0.00
	KHPC	408.000	-307.451	-1,416,592.58	0.00
	THPC	1,440.000	340.526	-2,176,958.48	0.00
	KHSTPP-II	29,521.876	29,361.145	-108,019.385	0.00
	FSTPP-III	7,920.000	7,848.449	-102,225.613	0.00
	TEESTA	1,923.000	1,987.164	112,689.608	0.00
	MAITHON R/B	21,408.563	21,340.909	35,746.830	0.00
	BARH	24,058.017	23,618.945	-650,788.032	0.00
	NVVN-NEPAL	-3,475.680	-3,304.234	226,632.131	0.00
	APNRL	5,839.140	5,855.854	1,190.434	0.00
	GMRKEL	7,670.790	7,427.491	-290,089.674	-1,092.46
	JITPL	20,860.325	21,065.527	266,819.905	0.00
	TPCL	528.000	434.986	-134,947.13	0.00
	BRBCL	0.000	-52.109	-74,028.107	0.00
	TALCHER SOLAR	47.788	40.787	-65,730.453	0.00
	JORETHANG HEP	405.060	308.512	-59,770.988	0.00
	IND Barath	0.000	-4.873	-7,862.781	0.00
	HVDC SASARAM	-26.640	-18.165	12,489.683	0.00
	VAE	-868.225	0.000	1,051,033.010	0.00
	NVVN	-10,978.080	-11,036.691	-87,275.342	-1,400.44
	CHUZACHEN	0.000	-1.287	-1,760.645	0.00
	KBUNL	0.000	0.000	0.000	0.000
	Teesta-III(TUL)	0.000	3,604.800	4,452,744.328	0.000

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 09/01/2017 to 15/01/2017

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
16/02/17	BSPHCL	-59,909.693	-59,404.328	255,079.27	-73,186.27
	JUVNL	-16,685.698	-17,499.213	-1,340,874.76	-49,542.02
	DVC	38,990.333	39,908.757	1,043,047.08	-3,657.40
	GRIDCO	-12,144.035	-11,922.851	81,141.18	-96,291.99
	SIKKIM	-1,714.042	-1,413.946	427,042.14	-5,056.84
	WBSETCL	-20,233.335	-21,132.549	-1,333,307.06	-115,529.15
	NER	-5,186.588	1,083.514	9,591,756.60	-215,411.15
	NR	-56,666.000	-68,327.095	-19,157,527.31	-12,113,521.96
	SR	-23,305.958	-30,416.264	-12,428,734.40	-8,802,643.93
	WR	-12,447.718	-1,622.462	18,964,234.20	-1,861,973.27
	FSTPP-I & II	29,376.569	29,031.979	-457,589.46	0.00
	KHSTPP-I	15,217.615	14,846.669	-445,952.33	0.00
	TSTPP	21,174.693	21,063.182	-56,479.70	0.00
	RANGIT	426.000	425.459	27,917.18	0.00
	CHPC	240.000	456.909	488,045.26	0.00
	KHPC	408.000	-218.045	-1,239,568.70	0.00
	THPC	1,440.000	319.883	-2,217,831.95	0.00
	KHSTPP-II	30,877.736	30,459.031	-475,167.46	0.00
	FSTPP-III	8,786.020	8,723.765	-86,953.86	-214.31
	TEESTA	2,091.000	2,162.909	164,031.69	0.00
	MAITHON R/B	20,909.750	20,926.036	211,282.60	0.00
	BARH	24,367.249	23,910.218	-727,065.188	0.00
	NVVN-NEPAL	-3,475.680	-3,305.530	206,879.792	-2,774.31
	APNRL	5,903.640	5,892.654	-14,097.34	0.00
	GMRKEL	7,663.793	7,397.963	-266,090.17	-113.79
	JITPL	20,567.665	20,779.127	433,382.30	0.00
	TPTCL	528.000	429.307	-147,118.30	0.00
	BRBCL	0.000	-41.309	-62,800.213	0.00
	TALCHER SOLAR	47.788	42.668	-47,864.99	0.00
	JORETHANG HEP	410.345	323.744	-89,871.57	-194.02
	IND Barath	0.000	-3.709	-13,921.36	0.00
	HVDC SASARAM	-26.640	-19.203	11,532.12	-111.07
	VAE	-976.783	0.000	1,621,802.18	0.00
	NVVN	-10,926.775	-11,009.345	-99,869.75	-2,999.59
	CHUZACHEN	0.000	-1.071	-1,763.70	0.00
	KBUNL	0.000	0.000	0.00	0.00
	Teesta-III(TUL)	0.000	3,923.200	4,879,763.090	0.000
17/02/17	BSPHCL	-58,680.090	-60,450.126	-2,684,173.24	-55,726.17
	JUVNL	-16,402.383	-17,976.177	-2,296,182.99	-159,335.07
	DVC	41,756.928	41,474.086	-207,662.30	-58,440.11
	GRIDCO	-12,237.330	-12,713.429	-694,656.55	-143,751.60
	SIKKIM	-1,738.022	-1,432.261	456,909.30	-23,682.86
	WBSETCL	-19,102.270	-19,716.570	-811,541.76	-131,672.18
	NER	-4,883.368	4,749.909	13,914,079.19	-370,623.60
	NR	-54,625.004	-73,504.225	-27,567,193.83	-19,942,881.92
	SR	-25,312.608	-23,040.304	4,307,115.56	-1,090,290.63
	WR	-15,744.603	-6,839.439	11,450,594.89	-2,633,158.91
	FSTPP-I & II	28,293.972	27,600.678	-1,119,401.52	-327,105.94
	KHSTPP-I	15,309.257	14,927.076	-476,572.58	-38,636.39
	TSTPP	19,665.219	19,701.438	149,752.73	-3,950.62
	RANGIT	369.000	378.503	43,468.37	0.00
	CHPC	24.000	797.453	1,740,268.83	0.00
	KHPC	216.000	-34.103	-495,203.54	0.00
	THPC	1,296.000	558.298	-1,460,649.51	0.00
	KHSTPP-II	29,084.637	29,016.445	-31,491.730	0.00
	FSTPP-III	8,907.401	8,793.885	-174,918.005	-6,735.98
	TEESTA	2,973.000	3,080.254	199,076.637	-1,877.09
	MAITHON R/B	22,214.778	22,061.491	-110,756.132	0.00
	BARH	23,152.339	22,877.781	-472,859.478	-9,088.55
	NVVN-NEPAL	-3,475.680	-3,323.194	225,491.406	-3,651.85
	APNRL	5,903.640	5,917.891	21,039.748	-2,271.11
	GMRKEL	7,670.933	7,369.454	-316,097.733	0.00
	JITPL	20,216.175	20,126.763	41,273.893	0.00
	TPTCL	528.000	428.634	-138,880.37	0.00
	BRBCL	0.000	-36.145	-51,836.530	0.00
	TALCHER SOLAR	41.660	46.377	44,038.08	0.00
	JORETHANG HEP	417.815	327.520	-134,954.52	0.00
	IND Barath	0.000	-5.382	-10,064.12	0.00
	HVDC SASARAM	-26.640	-19.485	10,383.79	-240.57
	VAE	-402.619	0.000	514,490.96	0.00
	NVVN	-9,825.045	-9,698.473	149,983.354	-39,915.71
	CHUZACHEN	0.000	-2.268	-3,264.422	0.00
	KBUNL	0.000	0.000	0.000	0.00
	Teesta-III(TUL)	0.000	4,461.964	5,620,320.771	0.000
18/02/17	BSPHCL	-57,392.675	-60,656.229	-6,140,849.50	-255,373.90
	JUVNL	-15,694.053	-17,836.929	-4,065,721.97	-546,456.38
	DVC	15,870.607	43,740.877	401,660.10	-6,719.70
	GRIDCO	-11,811.085	-11,986.437	-567,111.21	-249,402.25
	SIKKIM	-1,400.557	-1,388.612	14,353.83	0.00
	WBSETCL	-16,104.855	-16,893.316	-1,350,629.06	-78,879.48
	NER	-4,743.643	4,030.983	16,991,415.65	-98,205.95
	NR	-54,716.664	-72,774.656	-35,735,076.64	-25,761,214.71
	SR	-24,516.893	-19,972.775	7,865,782.71	-823,923.17
	WR	-10,905.113	-1,932.973	17,904,011.02	-182,061.12
	FSTPP-I & II	27,606.289	27,313.002	-483,146.57	0.00
	KHSTPP-I	15,870.607	15,337.719	-916,108.05	-8,323.75
	TSTPP	19,791.333	19,651.450	-229,440.08	0.00
	RANGIT	399.000	416.512	46,142.91	0.00
	CHPC	312.000	818.723	1,140,127.26	0.00
	KHPC	216.000	-36.529	-500,007.82	0.00
	THPC	888.000	573.190	-623,324.40	0.00
	KHSTPP-II	30,138.791	29,990.218	-160,398.597	0.00
	FSTPP-III	6,538.706	5,862.088	-1,394,310.058	-501,511.90
	TEESTA	2,049.000	2,116.945	159,341.064	0.00
	MAITHON R/B	22,470.013	22,462.763	95,990.108	0.00
	BARH	23,072.198	22,802.836	-469,998.349	0.00
	NVVN-NEPAL	-3,475.680	-3,296.045	372,352.489	0.00
	APNRL	5,903.640	5,886.618	-25,110.792	0.00
	GMRKEL	7,659.365	7,682.545	151,880.530	0.00
	JITPL	10,397.443	10,763.418	650,521.689	0.00
	TPTCL	528.000	425.025	-197,016.02	0.00
	BRBCL	0.000	-40.218	-75,955.221	0.00
	TALCHER SOLAR	45.533	43.212	-21,700.88	0.00
	JORETHANG HEP	384.080	334.752	-15,637.66	0.00
	IND Barath	0.000	-3.782	-11,759.12	0.00
	HVDC SASARAM	-26.640	-20.507	11,884.46	0.00
	VAE	-340.692	0.000	394,414.81	0.00
	NVVN	-11,212.613	-11,303.200	-254,531.960	-35,665.59
	CHUZACHEN	0.000	-2.142	-4,096.940	0.00
	KBUNL	0.000	0.000	0.000	0.00
	Teesta-III(TUL)	0.000	4,178.036	6,350,780.943	0.000

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 09/01/2017 to 15/01/2017

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Additional Deviation Charge in Rs.

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
19/02/17	BSPHCL	-59,397.874	-60,975.873	-3,578,850.08	-363,976.09
	JUVNL	-15,645.593	-17,887.411	-4,478,995.97	-685,394.59
	DVC	39,257.403	42,806.217	4,327,394.45	0.00
	GRIDCO	-10,653.875	-11,311.680	-1,379,716.81	-341,590.81
	SIKKIM	-1,404.488	-1,198.301	378,576.02	0.00
	WBSETCL	-14,149.503	-14,394.150	-556,228.40	-125,757.90
	NER	-5,151.345	-993.624	8,921,329.56	-2,270,729.54
	NR	-45,903.484	-65,028.471	-38,808,614.89	-29,507,287.53
	SR	-25,451.448	-24,771.900	1,043,907.97	-743,427.46
	WR	-6,240.577	10,332.481	32,749,755.93	0.00
	FSTPP-I & II	28,963.260	28,717.828	-442,268.80	0.00
	KHSTPP-I	14,872.086	14,587.455	-490,998.49	0.00
	TSTPP	18,126.006	18,109.796	7,411.07	0.00
	RANGIT	405.000	416.813	22,877.91	0.00
	CHPC	0.000	619.000	1,392,749.35	0.00
	KHPC	216.000	-91.390	-608,631.41	0.00
	THPC	1,440.000	433.363	-1,993,141.54	0.00
	KHSTPP-II	26,225.980	26,268.642	196,129.019	0.00
	FSTPP-III	1,266.873	115.589	-2,142,649.384	-27,137.41
	TEESTA	2,259.000	2,319.891	126,252.660	0.00
	MAITHON R/B	21,262.505	21,381.600	350,904.259	0.00
	BARH	24,555.659	23,991.709	-1,035,539.239	0.00
	NVVN-NEPAL	-3,475.680	-3,217.882	293,319.340	0.00
	APNRL	5,993.473	5,679.054	-556,407.649	-143,905.72
	GMRKEL	7,732.560	7,682.618	-1,843.879	0.00
	JITPL	10,585.380	10,986.109	770,780.520	-1,136.47
	TPTCL	425.760	429.048	7,344.30	0.00
	BRBCL	0.000	-65.545	-119,119.989	0.00
	TALCHER SOLAR	45.533	43.224	-21,583.07	0.00
	JORETHANG HEP	420.080	337.280	-84,579.50	0.00
	IND Barath	0.000	-2.109	-6,280.29	0.00
	HVDC SASARAM	-26.640	-20.628	11,347.65	0.00
	VAE	0.000	0.000	0.00	0.00
	NVVN	-11,390.343	-11,913.127	-1,070,631.814	-65,408.31
	CHUZACHEN	0.000	-2.214	-4,234.010	0.00
	KBUNL	0.000	0.000	0.000	0.00
	Teesta-III(TUL)	0.000	3,411.054	5,188,745.198	0.000

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 13/02/17 TO 19/02/17	BSPHCL	-405328.84	-415618.87	-20,481,629.00	-2,686,526.92
	JUVNL	-112012.86	-124328.33	-21,737,051.00	-2,990,197.85
	DVC	249978.53	285806.17	5,666,550.00	-164,234.36
	GRIDCO	-80932.78	-83020.56	-3,240,939.00	-1,608,709.72
	SIKKIM	-10460.25	-9641.17	1,327,157.00	-34,255.21
	WBSETCL	-133366.42	-141256.01	-17,738,179.00	-1,288,877.05
	NER	-34848.05	14504.11	79,932,541.00	0.00
	NR	-376340.05	-474598.61	-169,011,816.00	0.00
	SR	-157389.03	-179083.84	-36,445,337.00	0.00
	WR	-70436.20	17179.69	147,755,533.00	0.00
	FSTPP-I & II	208444.32	205714.86	-4,124,510.25	-330,543.47
	KHSTPP-I	109077.68	105968.60	-4,492,306.20	-47,408.35
	KHSTPP-II	204189.87	202784.04	-1,259,074.76	0.00
	TSTPP	116818.77	116471.66	-202,917.84	-8,048.27
	FSTPP-III	51427.13	49195.43	-4,108,677.68	-535,599.60
	TEESTA	15267.00	15732.40	970,060.00	-3,171.63
	MAITHON R/B	152328.60	152158.91	758,179.01	0.00
	RANGIT	2635.50	2714.92	207,840.00	0.00
	BARH	162515.38	159347.12	-4,984,348.95	-16,559.67
	NVVN-NEPAL	-24329.76	-23163.93	1,674,447.39	-6,773.97
	APNRL	41287.81	41080.00	-387,970.00	-146,176.83
	GMRKEL	52314.65	51003.27	-1,279,915.00	-5,084.20
	JITPL	111303.72	112506.25	2,465,642.71	-22,749.31
	TPTCL	3491.52	2989.94	-747,492.80	-279.96
	BRBCL	0.00	-336.84	-534,345.05	0.00
	TALCHER SOLAR	323.88	299.15	-231,849.71	0.00
	JORETHANG HEP	2734.47	2286.21	-398,177.30	-194.02
	IND Barath	0.00	-28.29	-64,900.19	0.00
HVDC SASARAM	-178.99	-136.51	80,152.85	-472.32	
VAE	-5563.21	0.00	7,579,538.43	0.00	
NVVN-BD	-76506.68	-77342.76	-1,613,492.00	-145,681.04	
CHUZACHEN	0.00	-14.53	-23,727.00	0.00	
KBUNL	0.00	0.00	0.00	0.00	
Teesta-III(TUL)	0.00	27189.53	36062048.35	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

16.03.2017

RRAS Account for Week: 13.02.17 TO 19.02.17

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	2216.95992	1746964	5348548	1108480	8203992
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1152.93752	1171385	2642510	576469	4390364
4	KhSTPP-II	1638.62091	1882077	3563497	819310	6264884
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	1634.75000	3122373	4144823	817375	8084571

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	148.750000	364950	273712
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	79.250000	181789	136342
4	KhSTPP-II	194.500000	430429	322821
5	TSTPP-I	71.250000	119059	89294
6	BARH STPP-II	381.000000	966597	724948

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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	2216.959917	38410	BSEB
			7314	DVC
			1420011	GRIDCO
			219986	WBSEB
			4427	SIKKIM
			27457	DELHI
			10854	PUNJAB.
			8379	RAJASTHAN
			10126	HARYANA
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	1152.937523	95618	BSEB
			10260	DVC
			833968	GRIDCO
			6252	SIKKIM
			5761	UP
			121106	DELHI
			51763	PUNJAB.
			40839	RAJASTHAN
			5817	HARYANA
4	KhSTPP-II	1638.620907	6284	BSEB
			20220	DVC
			196087	GRIDCO
			31681	UP
			218090	DELHI
			4897	PUNJAB.
			112724	RAJASTHAN
			68275	HARYANA
			25731	HP
			166037	M.P
			30176	CHHATISGARH
			256122	MAHA RASHTRA
5	TSSTPP-I	0.00000	0.000	0.000
6	BARH STPP-II	1634.750000	228471	BSEB
			2794614	GRIDCO
			99288	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.