



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टालीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033



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NO: ERPC/COM-II/ABT-DC/2017/Feb01

Date: 27.03.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 20.02.2017 to 26.02.2017

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, 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 20.02.17 TO 26.02.17
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	166.34515	10.13751	176.48267	DVC	158.92439	0.60041	158.32398
JUVNL	175.14630	14.09757	189.24386	GRIDCO	2.32652	10.88577	-8.55925
WBSETCL	240.53184	17.48054	258.01238	SIKKIM	39.03007	0.01084	39.01922
NR	2898.35362	0.00000	2898.35362	NER	1046.93730	0.00000	1046.93730
SR	459.84034	0.00000	459.84034	WR	2153.62655	0.00000	2153.62655
FSTPP I&II	34.29439	0.00000	34.29439	HVDC SASARAM	0.67493	0.00078	0.67415
BRBCL	10.31040	0.00000	10.31040	TALCHER SOLAR	0.49430	0.00000	0.49430
KHSTPP-I	45.76660	0.00000	45.76660	TSTPP	13.01665	0.00000	13.01665
IND BARATH	1.26431	0.00000	1.26431	NVVN-NEPAL	19.21032	0.03765	19.17268
JORETHANG LOOP HEP	5.53715	0.01078	5.54793	RANGIT	5.84458	0.00000	5.84458
TPTCL	4.01673	0.00000	4.01673	KHSTPP-II	14.60415	0.00000	14.60415
FSTPP-III	5.78448	0.00000	5.78448	GMRKEL	1.21994	0.00648	1.21347
APNRL	21.91380	10.88515	32.79895	CHUZACHEN	0.56163	0.01863	0.54300
NVVN-BD	36.60874	14.35377	50.96251	TEESTA	17.84895	0.00000	17.84895
BARH	51.31055	0.02571	51.33626	JITPL	83.44969	0.59217	82.85752
TUL_FIRM	66.62383	23.60456	90.22840	MAITHON R/B	26.95911	0.00000	26.95911
Adj. for JUVNL(Payable to GRIDCO)	200.54149	0.00000	200.54149	TUL_INFIRM	376.53029	0.00000	376.53029
				Adj. for GRIDCO(Receivable from JUVNL) (3rd Installment)	200.54149	0.00000	200.54149
TOTAL	4424.18973	90.59559	4514.78532		4161.80088	12.15272	4149.64816

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

102.74831

(All figures in Rs. Lakhs)

Payable to the pool(A):	4424.18973
Payable from the pool(B):	4161.80088
Differential Amount Arising from capping of Thermal Power Stations(A-B)	262.38885
Additional Deviation Amount:	102.74831
VAE of Eastern Region:	127.19958

**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 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 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, TUL unit-02, 03 & 04 declared COD wef 00:00 Hrs of 23.02.17. TUL Unit 01,05 & 06 declared COD wef 00:00 Hrs of 28.02.17. Thus Infirm and Firm Power calculation has been done separately for TUL.

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 20/02/2017 to 26/02/2017

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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.	
20/02/17	BSPHCL	-59,769.225	-60,881.430	-2,144,148.29	-143,560.21	
	JUVNL	-15,910.628	-17,198.392	-2,585,655.08	-179,696.68	
	DVC	37,913.726	41,917.390	4,607,949.23	-2,117.74	
	GRIDCO	-14,747.684	-15,137.015	-589,805.54	-391,981.06	
	SIKKIM	-1,537.819	-1,389.902	279,185.89	0.00	
	WBSETCL	-19,335.705	-20,635.568	-2,117,476.80	-261,740.48	
	NER	-4,340.095	3,475.135	14,110,509.42	-1,634,016.63	
	NR	-50,233.172	-69,324.243	-35,743,008.01	-26,229,686.34	
	SR	-23,913.085	-26,479.214	-5,940,107.23	-3,508,759.41	
	WR	-4,396.475	10,682.292	29,001,313.60	-183,457.24	
	FSTPP-I & II	31,940.670	31,667.568	-433,306.23	0.00	
	KHSTPP-I	15,088.720	14,862.353	-285,016.17	0.00	
	TSTPP	17,588.172	17,603.780	20,918.12	0.00	
	RANGIT	405.000	448.290	116,381.60	0.00	
	CHPC	480.000	558.474	176,566.99	0.00	
	KHPC	216.000	-178.193	-780,501.74	0.00	
	THPC	1,200.000	390.989	-1,601,842.10	0.00	
	KHSTPP-II	26,826.743	26,987.304	605,110.41	0.00	
	FSTPP-III	8,791.328	8,722.522	-110,307.44	0.00	
	TEESTA	2,469.000	3,546.327	187,988.76	0.00	
	MATHON R/B	21,005.535	21,055.535	514,265.84	0.00	
	BARH	23,471.758	23,074.800	-632,093.918	0.00	
	NVNV-NEPAL	-3,480.240	-3,311.328	352,036.792	0.00	
	APNRL	7,878.055	6,804.363	-3,117,414.326	-1,082,164.17	
	GMRKEL	7,710.340	7,549.382	-217,574.873	0.00	
	JITPL	10,392.093	10,099.091	1,128,213.37	0.00	
	TPTCL	425.280	430.821	11,034.43	0.00	
	BRBCL	0.000	-106.382	-206,058.433	0.00	
	TALCHER SOLAR	45.533	47.817	21,360.08	0.00	
	JORETHANG HEP	360.370	344.448	78,243.83	-7.07	
	IND Barath	0.000	-2.545	-7,951.28	0.00	
	HVDC SASARAM	-26.640	-21.469	10,508.656	0.000	
	VAE	-212.585	0.000	389,679.522	0.000	
	NVNV	-11,416.415	-11,982.545	-996,175.943	-78,663.52	
	CHUZACHEN	0.000	-2.187	-4,269.110	0.00	
	KBUNL	0.000	0.000	0.000	0.000	
	TUL_INFIRM	0.000	3,407.273	4,489,664.777	0.000	
	21/02/17	BSPHCL	-60,973.312	-61,738.171	-1,556,443.47	-84,349.52
		JUVNL	-16,742.505	-17,321.787	-1,098,121.91	-24,750.32
		DVC	39,036.380	41,390.605	3,420,155.02	-10,253.67
		GRIDCO	-17,422.914	-17,120.129	704,821.43	-74,258.91
		SIKKIM	-1,692.224	-1,377.996	716,248.16	0.00
		WBSETCL	-21,901.403	-22,724.443	-1,975,419.12	-118,715.25
		NER	-3,635.433	3,534.416	12,684,345.30	-2,357,724.89
		NR	-47,641.881	-69,867.229	-43,178,297.92	-33,279,875.84
		SR	-28,917.020	-35,539.934	-13,759,154.51	-6,651,543.37
		WR	-1,405.388	16,415.396	34,526,758.04	-1,345,186.29
FSTPP-I & II		31,195.920	31,044.881	-286,792.18	0.00	
KHSTPP-I		16,016.098	15,632.658	-644,925.64	0.00	
TSTPP		19,798.610	19,752.161	-6,398.55	0.00	
RANGIT		396.000	446.220	128,441.94	0.00	
CHPC		336.000	814.401	1,076,402.57	0.00	
KHPC		0.000	-84.157	-166,631.26	0.00	
THPC		1,152.000	570.164	-1,152,035.69	0.00	
KHSTPP-II		27,564.051	27,568.442	104,033.912	0.00	
FSTPP-III		9,427.342	9,373.645	-87,099.989	0.00	
TEESTA		3,141.000	3,261.018	292,356.932	0.00	
MATHON R/B		21,483.760	21,618.327	378,081.196	0.00	
BARH		23,857.512	23,534.836	-531,517.108	0.00	
NVNV-NEPAL		-3,480.240	-3,327.552	304,243.166	0.00	
APNRL		10,048.740	10,226.327	372,631.320	0.00	
GMRKEL		5,091.210	5,127.054	139,422.804	0.00	
JITPL		10,998.198	11,281.163	588,418.142	0.00	
TPTCL		527.280	441.454	-174,248.75	0.00	
BRBCL		0.000	-93.909	-180,920.782	0.00	
TALCHER SOLAR		45.533	44.790	-7,182.951	0.00	
JORETHANG HEP		415.615	351.264	-154,017.949	-21.67	
IND Barath		0.000	-4.436	-14,059.094	0.00	
HVDC SASARAM		-21.499	-21.499	10,123.751	0.000	
VAE		-2,111.657	0.000	3,839,795.198	0.00	
NVNV		-9,907.860	-11,622.654	-3,195,363.216	-1,348,012.94	
CHUZACHEN		0.000	-2.214	-4,449.308	0.00	
KBUNL		0.000	0.000	0.000	0.000	
TUL_INFIRM		0.000	4,787.564	7,483,870.696	0.000	
22/02/17		BSPHCL	-59,530.005	-60,839.556	-4,052,315.37	-264,346.89
		JUVNL	-16,934.523	-17,685.722	-1,868,133.22	-27,059.20
		DVC	41,263.471	42,745.256	3,124,976.08	0.00
		GRIDCO	-17,461.764	-17,268.402	192,235.07	-225,781.17
		SIKKIM	-1,739.719	-1,364.606	853,934.65	0.00
		WBSETCL	-22,693.093	-25,087.828	-5,152,579.86	-257,312.23
		NER	-3,127.165	6,249.114	20,100,454.22	-1,043,316.25
		NR	-51,344.745	-74,561.459	-52,061,473.46	-40,294,685.46
		SR	-29,504.063	-30,344.176	-2,838,025.83	-1,383,225.99
		WR	-4,794.400	7,201.186	27,966,373.66	0.00
	FSTPP-I & II	32,129.125	31,969.953	-264,913.72	0.00	
	KHSTPP-I	16,179.443	15,734.993	-766,702.31	0.00	
	TSTPP	19,491.843	19,862.835	854,504.11	0.00	
	RANGIT	405.000	437.936	59,616.82	0.00	
	CHPC	48.000	486.305	986,186.05	0.00	
	KHPC	192.000	-217.987	-811,774.66	0.00	
	THPC	1,368.000	340.463	-2,034,523.30	0.00	
	KHSTPP-II	28,483.920	28,546.864	314,240.884	0.00	
	FSTPP-III	9,200.062	9,173.992	-4,946.276	0.00	
	TEESTA	3,981.000	4,127.054	375,052.375	0.00	
	MATHON R/B	21,289.808	21,398.291	371,090.708	0.00	
	BARH	23,621.598	23,148.436	-1,027,971.289	0.00	
	NVNV-NEPAL	-3,480.240	-3,367.622	253,980.301	0.00	
	APNRL	10,891.765	11,003.854	253,401.123	0.00	
	GMRKEL	7,536.400	7,479.054	434.839	0.00	
	JITPL	11,101.165	11,486.909	791,585.181	0.00	
	TPTCL	527.280	447.715	-175,796.58	0.00	
	BRBCL	0.000	-69.764	-145,236.844	0.00	
	TALCHER SOLAR	45.533	43.595	-18,120.300	0.00	
	JORETHANG HEP	400.695	359.744	-60,860.527	-9.67	
	IND Barath	0.000	-9.309	-26,009.479	0.00	
	HVDC SASARAM	-26.640	-21.154	12,699.245	0.00	
	VAE	-973.169	0.000	2,499,339.180	0.00	
	NVNV	-11,435.253	-10,782.800	985,902.658	0.00	
	CHUZACHEN	0.000	4.464	19,552.810	0.00	
	KBUNL	0.000	0.000	0.000	0.000	
	TUL_INFIRM	0.000	6,102.982	9,715,667.030	0.000	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 20/02/2017 to 26/02/2017

Page 2 of 2					
DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAVAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
23/02/17	BSPHCL	-57,365.569	-57,423.638	-2,869,997.48	-474,539.99
	JUVNL	-16,724.228	-17,050.523	-808,783.75	-22,236.70
	DVC	38,522.366	40,192.014	2,440,913.88	0.00
	GRIDCO	-20,618.809	-20,724.966	-77,898.31	-98,730.23
	SIKIM	-1,713.268	-1,338.425	681,898.66	0.00
	WBSETCL	-27,552.610	-28,438.670	-1,774,612.55	-170,241.50
	NER	-2,729.738	154.574	6,633,206.53	-2,621,264.32
	NR	-46,640.579	-63,575.674	-32,998,338.12	-25,956,127.53
	SR	-32,428.740	-34,224.894	-3,330,731.47	-1,271,138.92
	WR	-5,781.510	6,556.728	23,142,301.89	-481,215.80
	FSTPP-I & II	33,677.671	33,546.926	-192,783.42	0.00
	KHSTPP-I	16,527.875	16,065.075	-728,256.08	0.00
	TSTPP	19,847.097	19,796.459	-32,932.16	0.00
	RANGIT	387.000	391.010	75,446.46	0.00
	CHPC	48.000	449.470	903,307.82	0.00
	KHPC	192.000	-92.545	-563,399.50	0.00
	THPC	1,368.000	314.675	-2,085,583.75	0.00
	KHSTPP-II	28,881.904	28,849.189	270,310.99	0.00
	FSTPP-III	9,890.789	9,841.073	-77,295.07	0.00
	TEESTA	3,057.000	3,146.800	202,114.98	0.00
	MAITHON R/B	21,828.433	21,869.854	180,953.90	0.00
	BARH	23,507.813	23,249.018	-578,653.062	0.00
	NVWN-NEPAL	-3,480.240	-3,321.235	307,269.139	0.00
	APNRL	10,891.813	10,996.073	195,381.86	0.00
	GMRKEL	7,627.788	7,414.909	-203,275.30	-647.52
	JITPL	15,483.660	15,839.782	701,537.94	0.00
	TPTCL	510.480	425.219	-157,709.17	0.00
	BRBCL	0.000	-68.727	-124,197.133	0.00
	TALCHER SOLAR	45.533	40.436	-48,183.87	0.00
	JORETHANG HEP	388.685	307.616	-119,795.04	-8.54
	IND Barath	0.000	-8.727	-19,264.35	0.00
	HVDC SASARAM	-26.393	-22.236	7,792.78	0.00
	VAE	-1,280.914	0.000	2,529,925.50	0.00
	NVVN	-11,416.020	-11,509.236	-178,175.21	-1,601.92
	CHUZACHEN	331.680	337.167	1,666.36	-1,862.98
	KBJNL	0.000	0.000	0.00	0.00
	TUL_INFIRM	0.000	3,792.945	5,623,194.652	0.000
	TUL_FIRM	0.000	0.000	0.000	0.000
24/02/17	BSPHCL	-59,797.527	-59,539.698	59,459.31	-44,995.29
	JUVNL	-15,723.350	-17,515.543	-3,168,485.70	-530,399.99
	DVC	35,334.832	37,965.796	3,134,093.37	-34,466.31
	GRIDCO	-20,847.689	-21,985.999	-1,145,694.75	-148,080.95
	SIKIM	-1,540.443	-1,464.352	155,096.45	-1,084.33
	WBSETCL	-27,323.313	-27,383.751	200,988.93	-12,074.58
	NER	-3,511.580	8,642.633	21,688,152.66	-179,951.06
	NR	-47,192.593	-67,686.361	-39,237,834.70	-30,233,851.51
	SR	-23,652.350	-32,243.627	-15,857,385.40	-10,059,962.45
	WR	-6,222.095	7,974.058	25,846,357.59	-250,251.73
	FSTPP-I & II	32,764.051	32,564.608	-256,200.40	0.00
	KHSTPP-I	16,521.690	15,998.068	-869,633.97	0.00
	TSTPP	19,043.527	19,034.340	217,400.13	0.00
	RANGIT	405.000	429.318	55,185.62	0.00
	CHPC	48.000	212.872	370,962.92	0.00
	KHPC	192.000	-375.530	-1,123,710.19	0.00
	THPC	1,368.000	149.032	-2,413,555.92	0.00
	KHSTPP-II	27,861.377	27,767.439	31,290.781	0.00
	FSTPP-III	9,788.808	9,729.282	-88,840.836	0.00
	TEESTA	3,225.000	3,327.200	231,723.856	0.00
	MAITHON R/B	21,131.365	21,295.381	548,015.970	0.00
	BARH	23,803.887	23,316.327	-725,697.662	-2,571.41
	NVWN-NEPAL	-3,480.240	-3,305.366	281,524.828	-3,764.52
	APNRL	5,944.180	5,887.273	-85,733.578	-6,350.51
	GMRKEL	7,622.463	7,473.382	-47,195.886	0.00
	JITPL	19,476.603	20,097.382	1,019,446.366	-59,216.95
	TPTCL	408.240	421.921	29,155.10	0.00
	BRBCL	0.000	-61.509	-106,254.515	0.00
	TALCHER SOLAR	44.998	48.596	33,644.11	0.00
	JORETHANG HEP	365.335	338.752	36,130.88	-11.51
	IND Barath	0.000	-8.000	-17,055.40	0.00
	HVDC SASARAM	-26.640	-22.297	7,828.67	-78.23
	VAE	-385.619	0.000	648,865.02	0.00
	NVVN	-10,743.260	-10,748.000	-37,998.416	-7,098.22
	CHUZACHEN	283.573	286.695	4,498.967	0.00
	KBJNL	0.000	0.000	0.000	0.00
	TUL_INFIRM	0.000	4,486.604	5,975,564.720	0.000
	TUL_FIRM	0.000	10.342	20,619.739	0.000
25/02/17	BSPHCL	-59,122.301	-59,259.828	-836,086.71	-747.33
	JUVNL	-16,273.763	-18,120.408	-4,312,002.38	-569,535.96
	DVC	16,755.958	25,358.882	1,543,774.62	-10,323.18
	GRIDCO	-24,304.675	-24,066.934	797,879.38	-60,432.74
	SIKIM	-1,961.857	-1,535.189	1,048,268.37	0.00
	WBSETCL	-24,509.445	-25,902.790	-2,703,486.11	-837,844.81
	NER	-2,385.548	1,299.764	7,864,740.81	-1,783,484.46
	NR	-43,671.874	-64,829.937	-47,428,102.65	-35,497,498.44
	SR	-28,919.963	-30,106.511	-3,515,318.87	-174,407.28
	WR	-3,354.111	18,188.978	47,845,980.92	0.00
	FSTPP-I & II	33,683.709	33,217.453	-806,421.54	0.00
	KHSTPP-I	16,755.958	16,341.021	-794,099.18	0.00
	TSTPP	19,453.270	19,538.604	260,940.79	0.00
	RANGIT	369.000	390.601	73,633.56	0.00
	CHPC	528.000	124.857	-907,071.05	0.00
	KHPC	216.000	-170.971	-766,202.98	0.00
	THPC	1,728.000	87.413	-3,248,362.63	0.00
	KHSTPP-II	29,113.004	29,070.653	105,267.304	0.00
	FSTPP-III	10,357.662	10,305.000	-71,305.666	0.00
	TEESTA	2,805.000	2,921.382	346,451.869	0.00
	MAITHON R/B	22,211.975	22,382.981	482,786.462	0.00
	BARH	24,599.061	24,099.163	-1,072,501.136	0.00
	NVWN-NEPAL	-3,480.240	-3,368.160	249,286.911	0.00
	APNRL	5,879.560	5,911.782	95,333.811	0.00
	GMRKEL	7,578.683	7,694.763	356,478.418	0.00
	JITPL	19,668.830	20,640.000	2,229,858.364	0.00
	TPTCL	408.240	426.189	41,795.08	0.00
	BRBCL	0.000	-69.073	-149,134.876	0.00
	TALCHER SOLAR	47.180	51.224	37,806.73	0.00
	JORETHANG HEP	407.243	318.368	-255,723.02	-1,012.32
	IND Barath	0.000	-8.364	-22,524.21	0.00
	HVDC SASARAM	-26.640	-22.037	10,392.02	0.00
	VAE	-1,596.421	0.000	2,813,353.24	0.00
	NVVN	-11,547.855	-11,599.345	-123,717.237	0.00
	CHUZACHEN	221.773	233.820	31,171.081	0.00
	KBJNL	0.000	0.000	0.000	0.000
	TUL_INFIRM	0.000	856.349	1,364,813.345	0.000
	TUL_FIRM	5,700.870	4,539.942	-2,907,243.552	1,070,886.415

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 20/02/2017 to 26/02/2017

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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.
26/02/17	BSPHCL	-59,380.445	-60,430.518	-2,162,355.49	-1,211.97
	JUVNL	-16,216.868	-17,151.478	-2,218,085.45	-56,077.83
	DVC	24,437.152	24,781.064	945,486.17	-2,880.37
	GRIDCO	-22,890.613	-22,704.945	567,068.17	-89,311.55
	SIKKIM	-1,418.844	-1,364.268	104,872.12	0.00
	WBSETCL	-22,262.275	-23,813.901	-2,786,853.80	-90,125.04
	NER	-3,106.200	7,959.661	21,612,321.39	0.00
	NR	-46,975.579	-66,358.582	-39,188,307.49	-28,933,535.49
	SR	-28,919.915	-28,659.220	-743,310.78	-603,872.07
	WR	5,352.088	18,557.214	27,033,569.37	-1,419.33
	FSTPP-I & II	32,323.142	31,729.551	-1,189,021.29	0.00
	KHSTPP-I	16,175.818	15,913.020	-488,026.46	0.00
	TSTPP	20,041.128	20,002.441	-12,767.01	0.00
	RANGIT	405.000	437.870	75,752.40	0.00
	CHPC	0.000	124.493	280,108.74	0.00
	KHPC	384.000	-287.424	-1,329,419.52	0.00
	THPC	1,536.000	87.158	-2,868,707.93	0.00
	KHSTPP-II	28,382.673	28,326.945	30,161.045	0.00
	FSTPP-III	9,978.812	9,907.812	-138,653.016	0.00
	TEESTA	2,469.000	2,539.273	149,206.534	0.00
	MAITHON R/B	22,369.590	22,410.727	220,717.048	0.00
	BARH	23,385.458	23,085.054	-562,620.844	0.00
	NVVN-NEPAL	-3,480.240	-3,391.334	172,691.351	0.00
	APNRL	5,861.553	5,902.691	95,019.589	0.00
	GMRKEL	7,557.908	7,547.563	93,704.314	0.00
	JITPL	16,008.770	16,999.491	1,885,909.632	0.00
	TPTCL	408.240	419.502	24,096.77	0.00
	BRBCL	0.000	-62.436	-119,237.869	0.00
	TALCHER SOLAR	48.360	51.580	30,106.07	0.00
	JORETHANG HEP	396.398	339.360	-77,692.80	-7.12
	IND Barath	0.000	-8.945	-19,566.83	0.00
	HVDC SASARAM	-26.640	-22.364	8,147.63	0.00
	VAE	0.000	0.000	0.00	0.00
	NVVN	-11,872.978	-11,936.436	-113,346.709	0.00
	CHUZACHEN	265.825	267.750	7,991.739	0.00
	KBUNL	0.000	0.000	0.00	0.00
	TUL_INFIRM	0.000	1,997.396	3,000,253.989	0.000
	TUL_FIRM	3,853.403	1,894.458	-3,775,759.578	1,289,569.792

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 20/02/17 TO 26/02/17	BSPHCL	-415938.38	-420112.84	-16,634,515.00	-1,013,751.21
	JUVNL	-114525.86	-122043.85	-17,514,630.00	-1,409,756.70
	DVC	233263.88	254351.01	15,892,439.00	-60,041.27
	GRIDCO	-138294.15	-139008.39	232,652.00	-1,088,576.61
	SIKKIM	-11604.17	-9834.74	3,903,007.00	-1,084.33
	WBSETCL	-165577.84	-173986.95	-24,053,184.00	-1,748,053.90
	NER	-22835.76	31315.30	104,693,730.00	0.00
	NR	-333700.42	-476203.48	-289,835,362.00	0.00
	SR	-196255.14	-217597.58	-45,984,034.00	0.00
	WR	-20601.89	85575.85	215,362,655.00	0.00
	FSTPP-I & II	227714.29	225740.94	-3,429,438.77	0.00
	KHSTPP-I	113265.60	110547.19	-4,576,659.82	0.00
	KHSTPP-II	197113.67	197116.83	1,460,415.33	0.00
	TSTPP	135263.65	135590.62	1,301,665.42	0.00
	FSTPP-III	67434.80	67053.33	-578,448.29	0.00
	TEESTA	21147.00	21869.05	1,784,895.00	0.00
	MAITHON R/B	151320.47	152141.23	2,695,911.13	0.00
	RANGIT	2772.00	2981.25	584,458.00	0.00
	BARH	166247.09	163507.63	-5,131,055.02	-2,571.41
	NVVN-NEPAL	-24361.68	-23392.60	1,921,032.49	-3,764.52
	APNRL	57395.67	56732.36	-2,191,380.00	-1,088,514.68
	GMRKEL	50724.79	50286.11	121,994.00	-647.52
	JITPL	103129.32	107253.82	8,344,969.00	-59,216.95
	TPTCL	3215.04	3012.82	-401,673.11	0.00
	BRBCL	0.00	-531.80	-1,031,040.45	0.00
	TALCHER SOLAR	322.67	328.04	49,429.85	0.00
JORETHANG HEP	2734.34	2359.55	-553,714.63	-1,077.91	
IND Barath	0.00	-50.33	-126,430.64	0.00	
HVDC SASARAM	-181.09	-153.05	67,492.75	-78.23	
VAE	-6560.36	0.00	12,719,957.65	0.00	
NVVN-BD	-78339.64	-80181.02	-3,660,874.00	-1,435,376.59	
CHUZACHEN	1100.85	1125.50	56,163.00	-1,862.98	
KBUNL	0.00	0.00	0.00	0.00	
TUL_INFIRM	0.00	25431.11	37653029.21	0.00	
TUL_FIRM	9554.27	6444.74	-6662383.39	2360456.21	

LEGEND: Energy:(+ve) means injection, (-ve) means drawal (+) means under
 Deviation Charge: (+ve) means receivable, (-ve) mean payable (-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

27.03.2017

RRAS Account for Week: 20.02.17 TO 26.02.17

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	835.45619	658339	2071096	417728	3147163
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	499.82493	507822	1157095	249912	1914829
4	KhSTPP-II	3556.58331	4001156	7870719	1778292	13650167
5	TSTPP-I	121.46188	110409	202963	60731	374103
6	BARH STPP-II	2000.50000	3820955	5065266	1000250	9886471

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	80.420000	364950	273712
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	42.330000	181789	136342
4	KhSTPP-II	50.335000	430429	322821
5	TSTPP-I	0.000000	119059	89294
6	BARH STPP-II	124.550000	966597	724948

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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	835.456187	81824	BSEB
			14323	DVC
			385498	GRIDCO
			35331	WBSEB
			17466	SIKKIM
			3413	UP
			53264	DELHI
			7726	PUNJAB.
			14993	RAJASTHAN
			7623	HARYANA
36879	ASSAM			
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	499.824930	51523	BSEB
			11143	DVC
			130467	GRIDCO
			2971	SIKKIM
			49065	UP
			96052	DELHI
			56836	PUNJAB.
			48924	RAJASTHAN
			11782	HARYANA
			49058	ASSAM
4	KhSTPP-II	3556.583312	4951	BSEB
			35516	DVC
			110363	GRIDCO
			1125	SIKKIM
			231907	UP
			509992	DELHI
			87167	PUNJAB.
			417400	RAJASTHAN
			38461	HARYANA
			3776	HP
			596445	M.P
			86259	CHHATISGARH
			1565696	GUJRAT
312097	ASSAM			
5	TSSTPP-I	121.46188	27046.938	DVC
			83361.914	ASSAM
6	BARH STPP-II	2000.500000	462063	BSEB
			3257663	GRIDCO
			101229	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.