



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: 06.04.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 06.03.2017 to 12.03.2017

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 06.03.17 TO 12.03.17
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	68.32637	15.64474	83.97111	DVC	53.88253	2.89867	50.98386
JUVNL	186.12869	31.35496	217.48365	SIKKIM	38.31755	1.12816	37.18939
GRIDCO	31.55429	13.69832	45.25261	NER	77.15206	0.00000	77.15206
WBSETCL	206.96485	11.94843	218.91328	WR	1463.40327	0.00000	1463.40327
NR	633.27586	0.00000	633.27586	HVDC SASARAM	0.48642	0.00491	0.48151
SR	659.84372	0.00000	659.84372	TSTPP	14.83379	0.00000	14.83379
FSTPP I&II	33.20196	0.56919	33.77115	NVVN-NEPAL	26.18616	1.57480	24.61136
BRBCL	14.56622	0.00000	14.56622	RANGIT	1.23876	0.00000	1.23876
KHSTPP-I	19.85006	0.30105	20.15110	KHSTPP-II	8.36605	0.14668	8.21937
TALCHER SOLAR	2.22206	0.00000	2.22206	GMRKEL	3.07485	0.00000	3.07485
IND BARATH	0.99459	0.00000	0.99459	CHUZACHEN	0.66754	0.09259	0.57495
JORETHANG LOOP HEP	1.25550	0.01526	1.27076	TEESTA	15.83543	0.00065	15.83479
TPTCL	6.58426	0.06262	6.64688	MAITHON R/B	25.79085	0.01224	25.77860
FSTPP-III	10.63014	0.03573	10.66587	Teesta-III(TUL)	12.91031	0.08566	12.82465
JITPL	93.59486	58.18909	151.78395	Adj for WBSETCL(for 27.02.17-05.03.17)	0.02527	0.00000	0.02527
APNRL	21.08718	8.29960	29.38678	Adj for DVC(for 27.02.17-05.03.17)	0.02527	0.00000	0.02527
NVVN-BD	22.96265	0.30877	23.27142	Adj. for GRIDCO(Receivable from JUVNL) (5th Installment)	200.54149	0.00000	200.54149
BARH	36.18584	0.65239	36.83823				
Adj for NER(for 27.02.17-05.03.17)	0.04946	0.00000	0.04946				
Adj. for JUVNL(Payable to GRIDCO)	200.54149	0.00000	200.54149				
TOTAL	2249.82003	141.08017	2390.90020		1942.73761	5.94436	1936.79325

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

147.02452

(All figures in Rs. Lakhs)

Payable to the pool(A):	2249.82003
Payable from the pool(B):	1942.73761
Differential Amount Arising from capping of Thermal Power Stations(A-B)	307.08243
Additional Deviation Amount:	147.02452
VAE of Eastern Region:	187.37057

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

- a) **Northern Region:** Pusaali East Bus and ER end of other A.C. Ties
- b) **Western Region :** ER end of Raipur- Rourkela 400kV D/C & Budipadar-Korba 220 kV lines.
- c) **Southern Region:** Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
- d) **North Eastern Region:** NER end of 220 kV Birpara -Salakati D/C and 400 kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2465A) has been used as master frequency meter.

iii) Deviation charges for the week 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 2.50% 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, Unit-01 of BRBCL Nabinagar is declared Commercial Operational wef 00:00 Hrs of 15.01.17.

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.

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.

xxxiv) Revision of WBSETCL, DVC and NER is done due to re-calculation of UI of NER for the week 27.02.17-05.03.17

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

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 1 of 1
					ADDITIONAL DEVIATION CHARGE IN Rs.
06-03-17	BSPHCL	-60,024.810	-59,542.344	9,58,350.85	-16,272.18
	JUVNL	-15,890.468	-17,753.406	-38,49,994.62	-5,15,077.03
	DVC	29,595.251	30,220.204	10,29,009.18	-53,880.89
	GRIDCO	-22,830.413	-23,419.141	-6,30,726.83	-99,405.20
	SIKKIM	-1,442.302	-1,302.641	2,53,332.03	0.00
	WBSETCL	-28,906.903	-31,025.885	-38,03,405.26	-1,66,424.87
	NER	-2,640.625	3,134.968	96,84,473.02	-31,008.63
	NR	-55,063.967	-65,933.817	-189,13,840.23	-136,31,452.42
	SR	4,743.053	-675.896	-101,21,909.85	-55,36,721.91
	WR	-17,320.313	176.203	309,07,498.62	0.00
	FSTPP-I & II	32,871.868	32,113.289	-14,08,471.75	0.00
	KHSTPP-I	16,196.805	15,811.246	-6,45,653.26	0.00
	TSTPP	20,753.353	20,780.909	1,18,179.48	0.00
	RANGIT	351.000	366.978	38,915.33	0.00
	CHPC	696.000	182.849	-11,54,590.31	0.00
	KHPC	288.000	-107.104	-7,82,305.13	0.00
	THPC	1,752.000	118.181	-32,34,960.83	0.00
	KHSTPP-II	28,433.038	28,462.292	1,99,931.41	0.00
	FSTPP-III	10,164.316	9,973.401	-3,06,364.55	0.00
	TEESTA	2,007.000	2,069.164	1,51,069.72	0.00
	MAITHON R/B	20,984.150	21,140.545	4,63,176.88	0.00
	BARH	23,378.690	22,874.781	-8,78,999.301	0.00
	NVVN-NEPAL	-3,480.240	-3,356.736	2,50,276.845	0.00
	APNRL	0.000	-105.309	-2,02,301.015	0.00
	GMRKEL	7,602.548	7,550.982	8,414.318	0.00
	JITPL	19,776.750	20,465.454	13,67,384.02	0.00
	TPTCL	423.920	391.029	-63,339.19	0.00
	BRBCL	0.000	-206.600	-3,99,003.503	0.00
	TALCHER SOLAR	43.090	37.391	-53,288.92	0.00
	JORETHANG HEP	400.325	307.296	-1,73,266.50	-1,197.59
	IND Barath	0.000	-12.945	-28,818.84	0.00
	HVDC SASARAM	-26.640	-23.127	6,760.334	0.00
	VAE	-723.071	0.000	9,19,357.755	0.00
	NVVN	-10,480.305	-11,489.454	-20,08,518.604	-29,755.46
	CHUZACHEN	361.315	368.244	15,506.702	0.00
	TUL_FIRM	3,873.688	3,911.491	78,224.973	0.00
	TUL	3,873.688	3,911.491	78,224.973	0.00
07-03-17	BSPHCL	-57,941.334	-56,481.719	17,51,717.99	-18,057.10
	JUVNL	-15,720.310	-17,808.019	-43,33,857.09	-11,65,336.11
	DVC	31,167.907	33,097.680	30,37,545.18	-2,840.99
	GRIDCO	-19,181.572	-19,627.219	-8,07,216.24	-27,389.66
	SIKKIM	-1,607.163	-1,397.373	4,57,535.16	0.00
	WBSETCL	-30,247.468	-32,477.364	-39,10,360.04	-4,47,235.36
	NER	-2,821.738	-3,770.640	-16,87,593.56	-7,84,857.56
	NR	-58,603.562	-59,616.629	-44,83,214.66	-61,24,678.60
	SR	10,325.458	5,181.752	-96,74,916.17	-62,66,215.59
	WR	-17,816.105	-5,663.717	251,72,687.01	-3,70,445.39
	FSTPP-I & II	30,083.348	29,897.877	-3,42,073.19	0.00
	KHSTPP-I	15,483.315	15,245.756	-4,09,839.87	0.00
	TSTPP	20,092.318	20,239.903	3,09,992.52	0.00
	RANGIT	369.000	366.708	6,974.37	0.00
	CHPC	0.000	14.698	33,071.08	0.00
	KHPC	288.000	-8.654	-5,87,375.71	0.00
	THPC	1,440.000	9.500	-28,32,390.06	0.00
	KHSTPP-II	28,202.308	28,173.205	22,624.154	0.00
	FSTPP-III	9,542.591	9,387.213	-2,71,321.693	0.00
	TEESTA	2,973.000	3,064.836	1,98,653.682	0.00
	MAITHON R/B	19,967.373	20,135.709	4,50,184.371	0.00
	BARH	22,677.010	22,424.618	-5,02,570.071	0.00
	NVVN-NEPAL	-3,480.240	-3,341.405	2,49,072.085	0.00
	APNRL	0.000	-58.473	-1,18,306.099	0.00
	GMRKEL	7,565.860	7,613.600	1,65,881.004	0.00
	JITPL	19,630.628	16,835.272	-56,36,667.739	-28,20,949.41
	TPTCL	537.120	387.511	-2,97,987.70	0.00
	BRBCL	0.000	-135.891	-2,69,268.863	0.00
	TALCHER SOLAR	39.950	32.492	-73,068.333	0.00
	JORETHANG HEP	325.850	316.192	42,464.946	-5.82
	IND Barath	0.000	-10.327	-27,169.410	0.00
	HVDC SASARAM	-22.634	-22.634	7,910.957	0.00
	VAE	-732.341	0.000	9,97,156.231	0.00
	NVVN	-12,250.010	-12,293.309	-91,804.452	0.00
	CHUZACHEN	306.525	312.336	10,774.742	0.00
	TUL	5,240.508	5,394.327	3,50,691.429	0.00
08-03-17	BSPHCL	-57,880.929	-56,983.423	5,75,164.12	-49,660.13
	JUVNL	-16,115.488	-18,340.156	-45,36,673.18	-10,73,353.73
	DVC	36,903.908	37,855.076	23,28,863.54	-2,090.06
	GRIDCO	-14,192.703	-13,484.529	11,82,869.48	-32,438.66
	SIKKIM	-1,611.769	-1,422.645	4,53,473.50	0.00
	WBSETCL	-34,365.255	-34,554.969	-1,41,288.09	-44,869.69
	NER	-2,629.873	-4,238.643	-37,89,495.11	-10,32,786.64
	NR	-61,952.000	-62,905.498	-43,01,090.29	-48,72,277.84
	SR	9,791.508	1,526.268	-193,08,310.04	-135,94,983.38
	WR	-8,022.663	4,607.105	282,02,299.91	-15,419.92
	FSTPP-I & II	30,385.663	30,123.301	-4,72,713.47	0.00
	KHSTPP-I	15,738.790	15,473.978	-4,31,570.68	0.00
	TSTPP	19,991.580	20,211.527	5,83,195.37	0.00
	RANGIT	315.000	320.538	27,467.04	0.00
	CHPC	0.000	353.815	7,96,083.08	0.00
	KHPC	288.000	-2.664	-5,75,514.72	0.00
	THPC	1,200.000	228.683	-19,23,208.48	0.00
	KHSTPP-II	28,185.200	28,272.673	4,08,492.696	0.00
	FSTPP-III	8,780.050	8,702.735	-1,57,475.611	0.00
	TEESTA	2,469.000	2,569.636	2,37,862.862	0.00
	MAITHON R/B	19,690.573	19,969.854	8,91,651.626	0.00
	BARH	22,434.405	22,012.272	-8,91,340.947	0.00
	NVVN-NEPAL	-3,480.240	-3,364.675	2,79,955.997	0.00
	APNRL	0.000	-58.545	-1,38,540.463	0.00
	GMRKEL	7,608.205	7,700.073	3,75,248.817	0.00
	JITPL	11,550.898	8,881.963	-69,70,122.972	-29,74,383.90
	TPTCL	537.120	388.559	-3,46,800.14	0.00
	BRBCL	0.000	-111.618	-2,39,158.822	0.00
	TALCHER SOLAR	17.830	16.794	-11,546.932	0.00
	JORETHANG HEP	0.000	0.032	76.966	0.00
	IND Barath	0.000	-6.982	-18,975.845	0.00
	HVDC SASARAM	-26.640	-22.127	10,704.227	0.00
	VAE	-2,351.208	0.000	56,40,736.271	0.00
	NVVN	-12,250.660	-12,280.218	-73,104.080	0.00
	CHUZACHEN	258.800	264.312	14,975.658	0.00
	TUL	4,406.588	4,428.291	46,839.739	0.00

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 DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.	
09-03-17	BSPHCL	-57,148.917	-58,471.498	-28,57,177.10	-2,36,040.72	
	JUVNL	-15,876.815	-16,592.330	-14,05,681.89	-1,55,417.85	
	DVC	38,477.848	39,289.597	11,60,325.66	-726.02	
	GRIDCO	-13,804.278	-14,026.539	-3,81,848.81	-2,89,071.34	
	SIKKIM	-1,532.838	-1,469.352	85,214.26	-6,273.43	
	WBSETCL	-30,374.790	-30,902.060	-11,15,357.32	-67,259.14	
	NER	-2,707.305	-2,966.141	-5,52,241.16	-4,79,168.01	
	NR	-53,607.149	-62,742.967	-155,63,287.74	-105,48,708.01	
	SR	6,957.203	1,691.342	-98,45,729.50	-68,00,999.45	
	WR	-13,497.008	1,990.572	297,14,805.59	-5,25,041.45	
	FSTPP-I & II	30,585.135	30,023.314	-9,42,176.88	0.00	
	KHSTPP-I	14,621.935	14,405.227	-3,66,949.34	-22,241.95	
	TSTPP	20,333.240	20,457.758	2,35,500.30	0.00	
	RANGIT	366.000	366.641	11,740.83	0.00	
	CHPC	648.000	-445.526	-24,60,434.14	0.00	
	KHPC	240.000	-99.677	-6,72,560.06	0.00	
	THPC	1,104.000	-287.959	-27,56,078.64	0.00	
	KHSTPP-II	28,327.218	28,245.832	-24,330.29	0.00	
	FSTPP-III	8,802.643	8,709.013	-1,31,662.61	0.00	
	TEESTA	3,141.000	3,233.345	1,79,637.86	0.00	
	MAITHON R/B	19,505.073	19,585.927	2,17,975.33	0.00	
	BARH	22,342.110	22,055.672	-4,77,913.619	0.00	
	NVVN-NEPAL	-3,480.240	-3,367.277	1,94,445.906	-3,508.20	
	APNRL	508.048	-161.745	-11,51,278.69	-4,96,907.57	
	GMRKEL	7,616.665	7,555.927	-45,128.84	0.00	
	JITPL	7,691.760	8,448.309	10,99,783.36	-13,238.02	
	TPTCL	537.120	388.921	-2,55,640.47	0.00	
	BRBCL	0.000	-110.418	-1,87,050.939	0.00	
	TALCHER SOLAR	38.148	39.848	15,789.39	0.00	
	JORETHANG HEP	0.000	-0.032	-115.87	0.00	
	IND Barath	0.000	-10.036	-21,602.67	0.00	
	HVDC SASARAM	-26.385	-22.995	6,273.68	0.00	
	VAE	-6,167.459	0.000	88,78,877.96	0.00	
	NVVN	-12,256.660	-12,305.163	-88,257.08	0.00	
	CHUZACHEN	301.520	302.436	10,195.19	-2,802.60	
	TUL	4,047.938	4,066.836	43,281.180	0.00	
	10-03-17	BSPHCL	-55,176.929	-55,870.945	-18,02,086.11	-3,73,254.91
		JUVNL	-15,618.425	-15,403.414	-4,99,503.26	-1,23,785.90
		DVC	36,428.577	36,715.812	2,13,520.48	-1,14,971.15
		GRIDCO	-14,158.788	-14,995.059	-7,40,399.18	-4,95,169.40
		SIKKIM	-1,703.310	-1,371.504	3,77,468.58	-41,922.62
		WBSETCL	-21,322.900	-21,960.480	-12,47,937.91	-3,07,055.68
		NER	-2,589.758	-1,804.069	4,53,111.20	-5,92,962.46
NR		-59,528.076	-60,431.468	-15,49,279.73	-31,34,154.14	
SR		7,726.247	4,192.828	-45,49,495.41	-24,28,970.85	
WR		-19,508.198	-7,306.230	140,90,320.36	-15,26,562.02	
FSTPP-I & II		27,912.238	27,938.308	-211.11	-33,619.15	
KHSTPP-I		14,107.688	13,889.595	-1,60,299.71	0.00	
TSTPP		19,317.743	19,277.838	63,216.10	0.00	
RANGIT		432.000	406.117	1,176.75	0.00	
CHPC		1,128.000	-255.526	-31,12,934.62	0.00	
KHPC		288.000	-79.938	-7,28,517.24	0.00	
THPC		1,512.000	-165.156	-33,20,767.93	0.00	
KHSTPP-II		25,064.030	25,006.021	81,267.814	-1,364.77	
FSTPP-III		8,336.592	8,261.473	-81,032.406	-2,039.86	
TEESTA		3,225.000	3,305.891	1,34,729.893	0.00	
MAITHON R/B		19,204.250	19,109.018	42,343.019	-847.71	
BARH		15,703.748	15,471.381	-2,94,207.432	-17,913.27	
NVVN-NEPAL		-3,480.240	-2,895.034	5,36,262.277	-71,328.87	
APNRL		5,871.900	5,084.436	-5,83,243.269	-3,31,415.78	
GMRKEL		7,618.685	7,311.636	-2,04,486.779	0.00	
JITPL		9,262.540	9,203.782	-11,247.053	-10,125.18	
TPTCL		537.120	391.133	-1,70,200.03	0.00	
BRBCL		0.000	-81.600	-99,959.193	0.00	
TALCHER SOLAR		43.705	30.647	-1,27,790.80	0.00	
JORETHANG HEP		0.000	-0.416	-590.72	0.00	
IND Barath		0.000	-3.418	-2,892.22	0.00	
HVDC SASARAM		-26.640	-23.530	3,916.61	0.00	
VAE		395.886	0.000	-2,16,287.33	0.00	
NVVN		-11,297.525	-11,366.182	1,290.290	-184.07	
CHUZACHEN		251.250	256.104	7,942.526	-2,995.74	
TUL		5,487.700	5,601.527	2,00,456.599	8,314.214	
11-03-17		BSPHCL	-50,257.649	-47,292.659	3,42,795.14	-3,73,674.61
		JUVNL	-15,887.110	-16,315.766	-7,30,087.04	-55,786.25
		DVC	13,075.568	34,504.357	7,55,410.15	-1,09,140.57
		GRIDCO	-13,160.624	-13,118.407	5,53,336.08	-29,453.30
		SIKKIM	-1,747.599	-1,189.225	9,05,600.55	-29,629.43
		WBSETCL	-22,238.965	-23,027.646	-5,34,359.50	-1,28,675.75
		NER	-360.925	1,282.977	5,26,134.65	-6,94,477.14
	NR	-64,005.560	-65,639.655	4,651.16	-25,52,481.43	
	SR	11,430.093	5,833.798	-98,22,879.40	-61,26,049.28	
	WR	-15,575.695	-14,949.916	2,34,921.09	-21,12,141.25	
	FSTPP-I & II	25,868.308	25,852.135	-1,54,201.46	-23,299.97	
	KHSTPP-I	13,075.568	13,089.046	-51,949.50	-7,862.83	
	TSTPP	18,749.595	18,742.086	6,158.93	0.00	
	RANGIT	310.500	312.554	29,440.62	0.00	
	CHPC	1,128.000	1,878.627	16,88,911.48	0.00	
	KHPC	288.000	131.875	-3,09,127.10	0.00	
	THPC	1,512.000	1,214.221	-5,89,601.49	0.00	
	KHSTPP-II	24,711.648	24,731.080	1,17,393.708	-6,874.75	
	FSTPP-III	8,173.563	8,114.755	-79,334.750	0.00	
	TEESTA	3,981.000	4,206.327	4,16,835.857	0.00	
	MAITHON R/B	19,239.073	19,266.145	3,95,704.283	0.00	
	BARH	16,132.373	15,807.709	-5,91,649.375	-47,326.08	
	NVVN-NEPAL	-1,848.878	-757.267	4,49,893.227	-64,911.88	
	APNRL	5,580.400	5,645.745	1,13,703.299	-1,636.38	
	GMRKEL	7,157.555	7,098.618	1,17,853.964	0.00	
	JITPL	8,448.008	8,387.491	2,24,869.666	-64.92	
	TPTCL	524.880	589.299	1,63,207.57	0.00	
	BRBCL	0.000	-96.545	-1,52,556.661	0.00	
	TALCHER SOLAR	43.705	40.313	-33,385.11	0.00	
	JORETHANG HEP	0.000	-0.800	-1,311.21	0.00	
	IND Barath	0.000	0.000	0.00	0.00	
	HVDC SASARAM	-26.640	-23.029	6,262.54	0.00	
	VAE	-1,399.341	0.000	27,35,491.43	0.00	
	NVVN	-11,627.488	-11,618.618	15,515.331	-937.74	
	CHUZACHEN	251.250	255.843	9,194.311	0.00	
	TUL	2,871.215	3,158.691	5,29,184.364	0.00	

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

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
12-03-17	BSPHCL	-55,536.052	-54,991.844	-8,65,042.07	-4,97,514.56
	JUVNL	-16,021.910	-16,570.709	-11,11,234.98	-46,739.47
	DVC	34,162.709	34,046.736	1,51,498.53	-6,217.46
	GRIDCO	-14,770.188	-15,691.693	-12,19,981.75	-3,96,904.43
	SIKKIM	-2,235.137	-1,086.713	13,61,042.82	-34,990.29
	WBSETCL	-20,034.138	-20,491.605	-7,89,246.73	-33,322.42
	NER	825.430	3,307.187	30,80,817.30	-3,46,473.94
	NR	-43,251.208	-55,840.063	-185,21,524.83	-117,98,737.01
	SR	-27,340.095	-29,758.807	-26,61,131.61	-29,17,881.46
	WR	-3,957.875	9,342.153	180,17,794.46	-8,83,084.40
	FSTPP-I & II	26,101.600	26,010.166	-347.90	0.00
	KHSTPP-I	13,997.545	13,939.937	81,256.68	0.00
	TSTPP	18,957.000	18,905.098	1,67,136.71	0.00
	RANGIT	463.500	435.064	8,161.49	0.00
	CHPC	959.250	1,579.567	13,95,713.17	0.00
	KHPC	288.000	8.042	-5,54,316.05	0.00
	THPC	1,743.250	1,020.928	-14,30,196.69	0.00
	KHSTPP-II	25,058.480	25,000.662	31,225.673	-6,428.94
	FSTPP-III	8,289.433	8,245.378	-35,822.109	-1,533.43
	TEESTA	3,393.000	3,515.600	2,64,753.542	-64.73
	MAITHON R/B	19,601.990	19,537.054	1,18,049.195	-376.62
	BARH	20,944.110	20,839.963	18,097.105	0.00
	NVVN-NEPAL	-3,480.240	-3,001.411	6,58,709.212	-17,730.58
	APNRL	5,900.400	5,871.054	-28,752.134	0.00
	GMRKEL	7,520.545	7,342.909	-1,10,297.691	0.00
	JITPL	9,498.628	9,893.963	5,66,514.804	-147.92
	TPTCL	422.880	635.830	3,12,334.28	-6,262.05
	BRBCL	0.000	-77.000	-1,09,624.110	0.00
	TALCHER SOLAR	43.705	50.238	61,084.95	0.00
	JORETHANG HEP	241.025	240.352	7,192.32	-322.76
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-26.640	-21.768	6,813.67	0.00
	VAE	105.368	0.000	-2,18,275.28	0.00
	NVVN	-12,249.388	-12,288.691	-51,385.953	0.00
	CHUZACHEN	150.750	154.071	-1,835.245	-3,460.32
	TUL	4,801.038	4,828.073	42,352.901	251.623

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 06-03-17 TO 12-03-17	BSPHCL	-393966.62	-389634.43	-68,32,637.00	-15,64,474.21
	JUVNL	-111130.53	-118783.80	-186,12,869.00	-31,35,496.34
	DVC	219811.77	245729.46	53,88,253.00	-2,89,867.14
	GRIDCO	-112098.57	-114362.59	-31,55,429.00	-13,69,832.00
	SIKKIM	-11880.12	-9239.45	38,31,755.00	-1,12,815.78
	WBSETCL	-187490.42	-194440.01	-206,96,485.00	-11,94,842.90
	NER	-12924.79	-5054.36	77,15,206.00	0.00
	NR	-396011.52	-433110.10	-633,27,586.00	0.00
	SR	23633.47	-12008.72	-659,84,372.00	0.00
	WR	-95697.86	-11803.83	1463,40,327.00	0.00
	FSTPP-I & II	203808.16	201958.39	-33,20,195.75	-56,919.12
	KHSTPP-I	103221.65	101854.78	-19,85,005.68	-30,104.79
	KHSTPP-II	187981.92	187891.77	8,36,605.17	-14,668.46
	TSTPP	138194.83	138615.12	14,83,379.41	0.00
	FSTPP-III	62089.19	61393.97	-10,63,013.73	-3,573.30
	TEESTA	21189.00	21964.80	15,83,543.00	-64.73
	MAITHON R/B	138192.48	138744.25	25,79,084.70	-1,224.33
	RANGIT	2607.00	2574.60	1,23,876.00	0.00
	BARH	143612.45	141486.40	-36,18,583.64	-65,239.34
	NVVN-NEPAL	-22730.32	-20083.80	26,18,615.55	-1,57,479.53
	APNRL	17860.75	16217.16	-21,08,718.00	-8,29,959.73
	GMRKEL	52690.06	52173.74	3,07,485.00	0.00
	JITPL	85859.21	82116.23	-93,59,485.92	-58,18,909.35
	TPTCL	3520.16	3172.28	-6,58,425.68	-6,262.05
	BRBCL	0.00	-819.67	-14,56,622.09	0.00
	TALCHER SOLAR	270.13	247.72	-2,22,205.75	0.00
	JORETHANG HEP	967.20	862.62	-1,25,550.06	-1,526.17
IND Barath	0.00	-43.71	-99,458.99	0.00	
HVDC SASARAM	-182.22	-159.21	48,642.02	0.00	
VAE	-10872.17	0.00	187,37,057.04	0.00	
NVVN-BD	-82412.04	-83641.63	-22,96,265.00	-30,877.27	
CHUZACHEN	1881.41	1913.35	66,754.00	-9,258.66	
TUL	30728.67	31389.24	1291031.18	-8565.84	

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

(+) means under
 drawal/ over injection
 (-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

06.04.2017

RRAS Account for Week: 06.03.17 TO 12.03.17

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	2961.87211	2333955	7342481	1480936	11157372
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	2444.58202	2483695	5659207	1222291	9365194
4	KhSTPP-II	3735.76411	4202735	8267246	1867882	14337863
5	TSTPP-I	63.18029	57431	105574	31590	194595
6	BARH STPP-II	2607.36759	4980072	6601855	1303684	12885611

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	40.250000	99780	74835
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	34.250000	79289	59467
4	KhSTPP-II	42.000000	92946	69710
5	TSTPP-I	241.500000	403547	302660
6	BARH STPP-II	273.750000	693135	519851

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	2961.872112	994962	BSEB
			19020	DVC
			1112435	GRIDCO
			8173	WBSEB
			13770	SIKKIM
			5533	NVVN-BPBD
			18509	UP
			31076	DELHI
			85378	PUNJAB.
			17758	RAJASTHAN
			16285	HARYANA
			11056	ASSAM
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	2444.582020	496217	BSEB
			15844	DVC
			1130769	GRIDCO
			4404	NVVN-BPBD
			241399	UP
			117048	DELHI
			283784	PUNJAB.
			104597	RAJASTHAN
			78949	HARYANA
			10685	ASSAM
4	KhSTPP-II	3735.764112	184098	BSEB
			36961	DVC
			346777	GRIDCO
			15682	NVVN-BPBD
			906760	UP
			239519	DELHI
			256210	PUNJAB.
			743743	RAJASTHAN
			284189	HARYANA
			652065	M.P
			87819	CHHATISGARH
			407099	GUJRAT
			41813	ASSAM
5	TSSTPP-I	63.18029	11722.044	DVC
			16911.456	NVVN-BPBD
			28797.384	ASSAM
6	BARH STPP-II	2607.367586	2891446	BSEB
			1889334	GRIDCO
			199293	SIKKIM

A) RRAS settlement account has been prepared as per the detailed procedure for Ancillary Services Operations 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.