



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

Date: 17.04.2017

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 20.03.2017 to 26.03.2017**

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, 3<sup>rd</sup> 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, 4<sup>th</sup> 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, Loknayak Jaiprakash Bhawan, 2<sup>nd</sup> 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., 1<sup>st</sup> 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, 7<sup>th</sup> floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> 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 20.03.17 TO 26.03.17  
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	446.80502	69.43179	516.23681	DVC	243.13991	0.10062	243.03929
JUVNL	238.99247	35.00816	274.00063	GRIDCO	136.35065	1.57979	134.77086
WBSETCL	445.11123	50.54332	495.65455	SIKKIM	26.76783	0.00000	26.76783
NR	1877.75431	0.00000	1877.75431	NER	1665.38047	0.00000	1665.38047
SR	845.62247	0.00000	845.62247	WR	1384.40132	0.00000	1384.40132
FSTPP I&II	121.76106	4.41643	126.17749	HVDC SASARAM	0.64527	0.00000	0.64527
BRBCL	19.13195	0.00000	19.13195	TSTPP	25.06802	0.00000	25.06802
KHSTPP-I	95.66249	0.89052	96.55301	NVVN-NEPAL	46.06420	0.00000	46.06420
TALCHER SOLAR	1.02674	0.00000	1.02674	RANGIT	8.30724	0.00000	8.30724
IND BARATH	0.00000	0.00000	0.00000	JORETHANG LOOP HEP	4.83649	0.00107	4.83542
TPTCL	6.94247	0.00000	6.94247	KHSTPP-II	41.65282	0.00000	41.65282
FSTPP-III	25.80395	0.02138	25.82533	GMRKEL	104.95540	0.00000	104.95540
JITPL	23.09948	12.18255	35.28203	CHUZACHEN	2.34012	0.00000	2.34012
NVVN-BD	23.71955	4.66995	28.38950	TEESTA	27.92649	0.00000	27.92649
BARH	115.78887	0.28315	116.07202	MAITHON R/B	15.90727	0.00000	15.90727
				APNRL	2.01430	10.13008	-8.11578
				Teesta-III(TUL)	49.54639	3.57536	45.97103
<b>TOTAL</b>	<b>4287.22205</b>	<b>177.44725</b>	<b>4464.66930</b>		<b>3785.30417</b>	<b>15.38693</b>	<b>3769.91725</b>

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

**192.83418**

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>4287.22205</b>
<b>Payable from the pool(B):</b>	<b>3785.30417</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>501.91787</b>
<b>Additional Deviation Amount:</b>	<b>192.83418</b>
<b>VAE of Eastern Region:</b>	<b>354.55560</b>

**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 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 2.26% 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 becarried 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.**

**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.
<b>20/03/17</b>	<b>BSPHCL</b>	<b>-56,144.990</b>	<b>-57,194.590</b>	<b>-34,76,137.06</b>	<b>-3,38,408.99</b>
	JUVNL	-16,043.873	-16,072.794	-7,92,797.59	-3,85,386.03
	DVC	40,940.518	42,996.929	43,85,795.08	0.00
	GRIDCO	-17,433.351	-16,484.789	18,78,919.57	-15,377.90
	SIKKIM	-1,523.253	-1,483.748	1,24,112.40	0.00
	WBSETCL	-26,424.735	-26,604.886	-9,27,853.58	-2,61,320.14
	NER	-2,113.960	3,556.040	138,37,101.70	-3,95,950.20
	NR	-69,965.638	-70,636.342	-13,58,259.97	-11,46,027.51
	SR	-21,974.773	-26,802.566	-133,77,819.87	-84,07,343.51
	WR	5,113.381	2,034.449	-71,25,972.65	-77,63,127.67
	FSTPP-I & II	24,360.555	23,937.168	-9,90,836.69	0.00
	KHSTPP-I	16,656.773	15,919.728	-17,05,959.45	-89,051.67
	TSTPP	19,721.838	19,800.977	1,76,046.88	0.00
	RANGIT	364.500	402.922	1,05,088.00	0.00
	CHPC	0.000	340.302	7,65,680.29	0.00
	KHPC	168.000	-146.506	-6,22,721.09	0.00
	THPC	1,680.000	219.949	-28,90,900.84	0.00
	KHSTPP-II	32,473.748	32,408.714	-8,095.51	0.00
	FSTPP-III	9,367.449	9,314.122	-1,17,063.44	0.00
	TEESTA	2,901.000	3,014.291	3,25,952.69	0.00
	MAITHON R/B	21,969.688	22,078.000	2,56,205.25	0.00
	BARH	23,999.105	23,420.945	-12,86,825.940	0.00
	NVVN-NEPAL	-3,475.200	-3,204.173	6,93,663.155	0.00
	APNRL	5,892.755	5,808.654	-1,96,099.228	0.00
	GMRKEL	12,655.355	13,137.963	13,53,061.948	0.00
	JITPL	10,632.098	11,245.818	13,96,073.10	-16,473.57
	TP TCL	423.600	429.488	15,365.50	0.00
	BRBCL	0.000	-123.782	-2,82,607.954	0.00
	TALCHER SOLAR	48.567	50.413	16,454.04	0.00
	JORETHANG HEP	307.613	328.800	83,995.98	0.00
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-25.910	-22.625	7,620.337	0.00
	VAE	-2,347.925	0.000	65,06,363.252	0.00
	NVVN	-11,894.490	-12,056.400	-4,27,458.861	0.00
	CHUZACHEN	376.390	381.474	14,967.429	0.00
	TUL_FIRM	5,040.515	5,068.000	81,799.473	0.00
	TUL	5,040.515	5,068.000	81,799.473	0.00
<b>21/03/17</b>	<b>BSPHCL</b>	<b>-56,362.428</b>	<b>-57,111.103</b>	<b>-22,85,084.57</b>	<b>-60,884.77</b>
	JUVNL	-16,100.393	-17,321.008	-36,44,459.90	-7,22,371.66
	DVC	41,505.917	42,720.887	33,62,668.50	-2,950.80
	GRIDCO	-22,085.090	-20,908.932	33,60,765.97	-943.91
	SIKKIM	-1,696.716	-1,484.052	5,87,052.43	0.00
	WBSETCL	-23,851.763	-26,180.200	-62,51,256.33	-7,68,832.93
	NER	-4,188.655	844.025	140,67,758.99	-2,72,169.97
	NR	-58,138.657	-73,033.411	-398,23,824.51	-261,11,017.14
	SR	-27,224.658	-31,471.359	-104,62,803.15	-47,16,456.81
	WR	-9,303.419	4,915.668	356,77,300.45	-79,580.64
	FSTPP-I & II	23,549.400	22,778.079	-17,56,692.43	-16,107.75
	KHSTPP-I	17,963.558	17,467.188	-11,89,098.55	0.00
	TSTPP	20,088.368	20,309.156	5,56,074.21	0.00
	RANGIT	382.500	435.013	1,66,372.73	0.00
	CHPC	576.000	593.280	38,879.10	0.00
	KHPC	288.000	-63.277	-6,95,528.86	0.00
	THPC	2,304.000	383.457	-38,02,675.19	0.00
	KHSTPP-II	32,921.450	33,180.495	7,33,585.220	0.00
	FSTPP-III	9,047.352	8,853.012	-4,85,610.130	-1,786.62
	TEESTA	3,573.000	3,721.709	4,33,138.631	0.00
	MAITHON R/B	23,111.063	23,239.090	3,62,937.196	0.00
	BARH	25,355.475	24,609.672	-17,69,216.753	0.00
	NVVN-NEPAL	-3,475.200	-3,321.254	4,13,680.880	0.00
	APNRL	11,065.508	11,077.600	40,526.804	-1,411.97
	GMRKEL	12,766.480	13,575.418	23,07,983.802	0.00
	JITPL	11,004.095	11,833.454	22,35,868.222	-3,049.73
	TP TCL	525.600	451.298	-1,96,205.72	0.00
	BRBCL	0.000	-116.200	-2,85,303.969	0.00
	TALCHER SOLAR	45.378	48.323	27,538.555	0.00
	JORETHANG HEP	318.860	383.000	1,67,586.948	-1.10
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-26.640	-22.424	11,214.085	0.00
	VAE	-2,521.090	0.000	61,37,993.021	0.00
	NVVN	-10,891.723	-10,843.273	-33,705.855	-1,20,417.45
	CHUZACHEN	278.265	281.709	6,881.634	0.00
	TUL	5,137.388	5,164.654	65,013.272	0.00
<b>22/03/17</b>	<b>BSPHCL</b>	<b>-59,172.536</b>	<b>-60,421.219</b>	<b>-66,18,526.80</b>	<b>-13,50,731.59</b>
	JUVNL	-16,085.913	-17,684.529	-43,71,964.04	-3,36,421.86
	DVC	42,037.229	43,144.730	31,71,644.66	0.00
	GRIDCO	-23,758.739	-23,220.649	22,40,127.22	-18,027.41
	SIKKIM	-1,567.706	-1,480.784	2,38,697.75	0.00
	WBSETCL	-27,812.113	-30,683.664	-75,16,067.75	-9,16,155.12
	NER	-3,038.318	7,173.575	278,89,650.50	0.00
	NR	-53,612.130	-69,797.251	-438,68,211.72	-318,39,804.16
	SR	-19,150.320	-31,662.641	-326,08,883.75	-233,34,624.78
	WR	-21,087.943	1,387.078	577,37,421.09	0.00
	FSTPP-I & II	24,138.653	23,337.729	-19,52,736.09	-2,09,765.08
	KHSTPP-I	18,034.928	17,345.007	-16,56,359.95	0.00
	TSTPP	21,284.938	21,371.425	2,05,795.19	0.00
	RANGIT	400.500	449.048	2,05,369.47	0.00
	CHPC	744.000	751.807	17,565.40	0.00
	KHPC	192.000	-106.553	-5,91,134.54	0.00
	THPC	1,776.000	485.919	-25,54,361.22	0.00
	KHSTPP-II	33,548.605	33,632.839	2,39,020.862	0.00
	FSTPP-III	8,358.402	8,211.762	-3,54,461.675	-351.32
	TEESTA	2,943.000	3,054.836	3,50,921.124	0.00
	MAITHON R/B	22,723.108	22,920.509	5,36,837.448	0.00
	BARH	28,133.305	27,221.927	-22,37,754.313	-21,192.50
	NVVN-NEPAL	-3,475.200	-3,301.229	4,65,151.835	0.00
	APNRL	11,617.570	11,782.618	4,65,893.781	0.00
	GMRKEL	13,040.970	13,685.236	19,16,947.052	0.00
	JITPL	12,409.950	13,024.945	15,51,354.637	0.00
	TP TCL	525.600	453.950	-1,93,243.20	0.00
	BRBCL	0.000	-120.818	-2,96,903.817	0.00
	TALCHER SOLAR	47.690	47.619	-663.850	0.00
	JORETHANG HEP	246.845	256.032	40,757.627	0.00
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-26.640	-22.379	11,385.282	0.00
	VAE	-2,252.885	0.000	59,08,032.002	0.00
	NVVN	-12,134.330	-12,193.709	-1,67,063.410	0.00
	CHUZACHEN	276.750	284.058	26,085.343	0.00
	TUL	5,779.745	5,808.873	77,458.322	0.00

**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/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.	
<b>23/03/17</b>	<b>BSPHCL</b>	<b>-57,150.006</b>	<b>-60,506.037</b>	<b>-94,35,911.67</b>	<b>-13,87,708.20</b>	
	JUVNL	-16,145.058	-17,500.660	-33,29,063.44	-4,41,698.05	
	DVC	45,441.482	47,085.164	41,94,224.46	-5,020.07	
	GRIDCO	-23,226.612	-23,073.598	13,06,861.33	-55,907.25	
	SIKKIM	-1,496.905	-1,386.849	3,31,699.69	0.00	
	WBSETCL	-37,294.950	-41,334.259	-102,33,171.65	-13,93,230.25	
	NER	-3,633.493	5,875.729	250,58,791.61	-9,370.90	
	NR	-65,202.311	-80,031.339	-425,02,278.60	-337,38,594.39	
	SR	-18,840.550	-24,335.155	-178,90,186.35	-192,03,482.34	
	WR	-7,291.452	6,706.517	406,80,850.68	-23,39,598.80	
	FSTPP-I & II	30,354.995	29,499.570	-19,53,626.44	-2,181.74	
	KHSTPP-I	18,135.213	17,410.274	-17,03,866.81	0.00	
	TSTPP	14,702.523	14,981.997	6,19,135.95	0.00	
	RANGIT	391.500	404.162	40,559.21	0.00	
	CHPC	240.000	1,841.970	36,04,431.56	0.00	
	KHPC	192.000	373.604	3,59,576.71	0.00	
	THPC	2,980.000	1,190.528	-35,43,153.97	0.00	
	KHSTPP-II	32,444.633	32,836.809	10,17,744.30	0.00	
	FSTPP-III	8,444.845	8,395.374	-99,503.41	0.00	
	TEESTA	3,321.000	3,462.182	4,37,044.84	0.00	
	MAITHON R/B	23,516.063	23,612.181	2,57,714.33	0.00	
	BARH	28,509.405	27,840.109	-15,75,981.082	-1,028.82	
	NVVN-NEPAL	-3,475.200	-3,179.299	5,33,659.455	0.00	
	APNRL	11,506.080	11,672.218	4,41,965.32	0.00	
	GMRKEL	14,397.890	14,851.418	15,43,865.47	0.00	
	JITPL	13,267.175	13,888.654	9,99,798.61	-702.78	
	TPTCL	525.600	477.765	-1,40,123.51	0.00	
	BRBCL	0.000	-117.382	-2,80,754.456	0.00	
	TALCHER SOLAR	48.113	42.085	-56,376.20	0.00	
	JORETHANG HEP	357.133	340.320	52,192.37	-74.04	
	IND Barath	0.000	0.000	0.00	0.00	
	HVDC SASARAM	-26.640	-22.266	12,381.64	0.00	
	VAE	-2,569.170	0.000	70,71,973.74	0.00	
	NVVN	-12,091.795	-12,247.927	-4,07,715.92	0.00	
	CHUZACHEN	303.428	316.512	24,868.84	0.00	
	TUL	5,705.815	6,056.000	9,81,052.145	0.000	
	<b>24/03/17</b>	<b>BSPHCL</b>	<b>-58,082.525</b>	<b>-62,137.109</b>	<b>-108,49,319.55</b>	<b>-17,99,094.58</b>
		JUVNL	-15,929.575	-17,785.959	-48,99,523.71	-8,99,966.05
		DVC	43,580.420	45,222.006	40,92,251.70	0.00
		GRIDCO	-21,767.326	-21,285.665	16,95,785.09	-15,110.08
		SIKKIM	-1,295.590	-1,502.909	-5,43,972.33	0.00
		WBSETCL	-44,566.838	-48,020.711	-89,63,961.99	-7,96,589.53
		NER	-4,986.380	3,974.077	242,64,771.84	0.00
		NR	-73,444.278	-70,270.783	89,84,802.92	-2,58,677.01
		SR	-28,062.427	-31,997.873	-121,14,273.82	-115,79,031.34
		WR	16,344.289	14,936.204	-46,78,595.65	-93,22,329.28
		FSTPP-I & II	31,375.580	30,218.708	-29,64,341.33	0.00
KHSTPP-I		18,280.673	17,569.369	-17,33,609.98	0.00	
TSTPP		9,676.120	9,746.795	1,90,469.79	0.00	
RANGIT		400.500	454.458	1,92,233.44	0.00	
CHPC		480.000	2,546.210	46,48,972.18	0.00	
KHPC		192.000	298.519	2,10,908.02	0.00	
THPC		2,900.000	1,645.703	-24,83,507.97	0.00	
KHSTPP-II		33,124.498	33,458.813	8,98,766.918	0.00	
FSTPP-III		10,910.622	10,631.001	-7,00,673.723	0.00	
TEESTA		3,867.000	4,025.709	4,77,055.577	0.00	
MAITHON R/B		23,055.875	23,042.618	11,439.500	0.00	
BARH		28,815.340	27,848.072	-22,66,871.819	0.00	
NVVN-NEPAL		-3,475.200	-3,151.142	7,89,061.553	0.00	
APNRL		11,618.580	11,785.236	4,62,718.100	0.00	
GMRKEL		14,985.408	15,336.945	11,00,810.728	0.00	
JITPL		13,382.878	12,561.745	-26,70,319.921	-70,517.91	
TPTCL		525.600	466.692	-1,56,106.73	0.00	
BRBCL		0.000	-116.927	-2,84,960.624	0.00	
TALCHER SOLAR		46.310	46.115	-1,823.72	0.00	
JORETHANG HEP		333.883	356.352	86,533.37	-1.83	
IND Barath		0.000	0.000	0.00	0.00	
HVDC SASARAM		-26.640	-23.149	9,652.53	0.00	
VAE		-1,632.685	0.000	43,25,369.87	0.00	
NVVN		-10,972.110	-11,271.018	-8,12,941.734	-82,592.98	
CHUZACHEN		407.328	423.549	49,295.610	0.00	
TUL		6,248.960	6,674.182	10,62,361.655	0.000	
<b>25/03/17</b>		<b>BSPHCL</b>	<b>-59,531.769</b>	<b>-58,842.520</b>	<b>-36,87,073.05</b>	<b>-8,25,841.39</b>
		JUVNL	-17,041.935	-18,367.983	-31,05,676.02	-3,91,088.01
		DVC	45,105.645	46,082.072	18,63,793.35	-1,027.25
		GRIDCO	-24,068.621	-23,778.036	9,88,477.94	-23,314.99
		SIKKIM	-1,709.316	-1,302.356	8,60,242.60	0.00
		WBSETCL	-50,288.648	-49,970.117	1,77,742.95	-14,011.90
		NER	-3,896.680	10,925.808	299,91,796.37	0.00
		NR	-54,294.946	-72,825.959	-337,64,681.09	-314,42,080.21
		SR	-36,977.808	-34,358.146	37,86,677.12	-18,91,212.33
		WR	12,818.761	12,339.726	-24,75,666.53	-68,31,897.10
		FSTPP-I & II	30,228.548	29,660.300	-11,44,320.80	-1,345.53
	KHSTPP-I	17,762.888	17,154.299	-11,83,961.46	0.00	
	TSTPP	18,240.000	18,455.339	5,14,064.53	0.00	
	RANGIT	458.000	481.944	45,083.19	0.00	
	CHPC	504.000	2,271.434	39,76,727.11	0.00	
	KHPC	216.000	196.045	-39,510.50	0.00	
	THPC	2,832.000	1,468.106	-27,00,509.89	0.00	
	KHSTPP-II	31,500.558	31,687.495	5,82,335.120	0.00	
	FSTPP-III	9,273.530	9,062.590	-4,25,892.480	0.00	
	TEESTA	4,497.000	4,653.418	4,04,530.687	0.00	
	MAITHON R/B	22,986.438	22,895.745	-1,40,293.163	0.00	
	BARH	26,480.280	25,767.490	-13,49,089.104	-517.51	
	NVVN-NEPAL	-3,475.200	-2,971.603	10,22,680.171	0.00	
	APNRL	11,617.570	11,754.618	2,97,510.493	0.00	
	GMRKEL	13,990.320	14,303.854	9,71,277.854	0.00	
	JITPL	13,253.988	11,304.727	-43,00,385.124	-10,84,810.79	
	TPTCL	511.200	440.199	-1,41,307.28	0.00	
	BRBCL	0.000	-120.364	-2,42,124.977	0.00	
	TALCHER SOLAR	45.698	40.483	-48,756.51	0.00	
	JORETHANG HEP	402.200	375.040	11,046.54	-2.34	
	IND Barath	0.000	0.000	0.00	0.00	
	HVDC SASARAM	-26.640	-23.163	7,717.06	0.00	
	VAE	-2,275.596	0.000	45,54,291.76	0.00	
	NVVN	-11,088.878	-11,043.891	-2,15,344.067	-1,87,639.63	
	CHUZACHEN	417.158	433.728	40,449.795	0.00	
	TUL	7,048.038	7,761.891	14,22,604.360	0.00	

**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/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
26/03/17	<b>BSPHCL</b>	<b>-60,792.124</b>	<b>-63,341.339</b>	<b>-72,87,845.55</b>	<b>-11,80,509.08</b>
	JUVNL	-16,930.745	-17,881.882	-28,05,649.73	-3,23,884.36
	DVC	41,553.010	43,123.651	33,49,736.63	-1,064.22
	GRIDCO	-23,890.629	-24,206.203	4,19,390.09	-29,297.65
	SIKKIM	-1,636.398	-1,271.788	6,67,646.25	0.00
	WBSETCL	-31,358.552	-34,035.162	-62,63,238.53	-9,04,192.52
	NER	-3,939.335	10,838.443	314,28,175.71	0.00
	NR	-48,725.309	-66,008.384	-354,42,978.05	-280,41,110.70
	SR	-26,920.778	-27,406.902	-18,94,957.48	-26,02,291.71
	WR	-10,029.658	-1,222.148	186,24,794.86	-6,69,183.12
	FSTPP-I & II	27,450.485	26,759.204	-14,13,551.79	-2,12,242.87
	KHSTPP-I	16,662.928	16,394.557	-3,93,392.84	0.00
	TSTPP	19,389.265	19,453.422	2,45,215.80	0.00
	RANGIT	445.500	488.100	76,018.31	0.00
	CHPC	0.000	2,508.167	56,43,376.39	0.00
	KHPC	24.000	99.065	1,48,628.30	0.00
	THPC	5,579.000	1,621.115	-78,36,612.67	0.00
	KHSTPP-II	30,333.100	30,617.251	7,01,924.985	0.00
	FSTPP-III	9,024.857	8,838.268	-3,97,190.471	0.00
	TEESTA	4,413.000	4,572.654	3,64,005.118	0.00
	MAITHON R/B	22,480.438	22,572.072	3,05,886.028	0.00
	BARH	24,484.458	23,837.454	-10,93,147.583	-5,576.11
	NVVN-NEPAL	-3,475.200	-3,113.818	6,88,522.590	0.00
	APNRL	11,426.063	11,052.073	-13,11,085.145	-10,11,596.35
	GMRKEL	13,726.000	14,054.109	13,01,593.139	0.00
	JITPL	10,415.035	9,520.582	-15,22,337.187	-42,700.65
	TPTCL	408.960	462.359	1,17,373.61	0.00
	BRBCL	0.000	-117.709	-2,40,539.278	0.00
	TALCHER SOLAR	45.268	41.091	-39,046.07	0.00
	JORETHANG HEP	425.450	400.512	41,536.19	-27.70
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-26.640	-24.441	4,555.60	0.00
	VAE	-954.778	0.000	9,51,536.21	0.00
	NVVN	-11,086.763	-11,162.509	-3,07,724.845	-76,344.97
	CHUZACHEN	321.035	370.980	71,463.195	0.00
	TUL	7,603.815	8,248.291	12,64,349.351	-3,57,535.810

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
<b>FOR THE WEEK FROM 20/03/17 TO 26/03/17</b>	BSPHCL	-4,05,236.38	-4,19,553.92	-446,80,502.00	-69,43,178.60
	JUVNL	-1,14,277.49	-1,22,614.82	-238,99,247.00	-35,00,816.02
	DVC	3,00,164.22	3,10,375.44	243,13,991.00	-10,062.34
	GRIDCO	-1,56,230.37	-1,52,957.87	136,35,065.00	-1,57,979.19
	SIKKIM	-10,925.88	-9,912.49	26,76,783.00	0.00
	WBSETCL	-2,41,597.60	-2,56,829.00	-445,11,123.00	-50,54,332.41
	NER	-25,796.82	43,187.70	1665,38,047.00	0.00
	NR	-4,23,383.27	-5,02,603.47	-1877,75,431.00	0.00
	SR	-1,79,151.31	-2,08,034.64	-845,62,247.00	0.00
	WR	-13,436.04	41,097.49	1384,40,132.00	0.00
	FSTPP-I & II	1,91,458.22	1,86,190.76	-121,76,105.58	-4,41,642.97
	KHSTPP-I	1,23,496.96	1,19,260.42	-95,66,249.03	-89,051.67
	KHSTPP-II	2,26,346.59	2,27,822.42	41,65,281.89	0.00
	TSTPP	1,23,103.05	1,24,119.11	25,06,802.35	0.00
	FSTPP-III	64,427.06	63,306.13	-25,80,395.33	-2,137.94
	TEESTA	25,515.00	26,504.80	27,92,649.00	0.00
	MAITHON R/B	1,59,842.67	1,60,360.22	15,90,726.59	0.00
	RANGIT	2,843.00	3,115.65	8,30,724.00	0.00
	BARH	1,85,777.37	1,80,545.67	-115,78,886.59	-28,314.94
	NVVN-NEPAL	-24,326.40	-22,242.52	46,06,420.00	0.00
	APNRL	74,744.12	74,933.02	2,01,430.00	-10,13,008.32
	GMRKEL	95,562.42	98,944.94	104,95,540.00	0.00
	JITPL	84,365.22	83,379.93	-23,09,948.00	-12,18,255.43
	TPTCL	3,446.16	3,181.75	-6,94,247.00	0.00
	BRBCL	0.00	-833.18	-19,13,195.08	0.00
	TALCHER SOLAR	327.02	316.13	-1,02,674.00	0.00
JORETHANG HEP	2,391.98	2,440.06	4,83,649.00	-107.01	
IND Barath	0.00	0.00	0.00	0.00	
HVDC SASARAM	-185.75	-160.45	64,527.00	0.00	
VAE	-14,554.13	0.00	354,55,559.85	0.00	
NVVN-BD	-80,160.09	-80,818.73	-23,71,955.00	-4,66,995.03	
CHUZACHEN	2,380.35	2,492.01	2,34,012.00	0.00	
TUL	42,564.28	44,781.89	49,54,638.58	-3,57,535.81	

**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

17.04.2017

RRAS Account for Week: 20.03.17 TO 26.03.17

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	1801.10325	1415667	4632438	900552	6948656
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1324.64609	1345840	3168553	662323	5176717
4	KhSTPP-II	1731.29628	1947708	3957743	865648	6771100
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	10131.40191	19350978	26524010	5065701	50940689

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	0.000000	0	0
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	0.000000	0	0
4	KhSTPP-II	0.000000	0	0
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	0.000000	0	0



**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	1801.103250	935983	BSEB			
			29989	DVC			
			69950	GRIDCO			
			23811	WBSEB			
			52556	SIKKIM			
			32410	UP			
			99437	DELHI			
			66500	PUNJAB.			
			74942	RAJASTHAN			
2	FSTPP III	0	13261	HARYANA			
			16827	ASSAM			
			0.000	0.000			
			3	KhSTPP-I	1324.646088	142693	BSEB
						15341	DVC
						380954	GRIDCO
						3844	SIKKIM
						85545	UP
						165368	DELHI
239535	PUNJAB.						
277831	RAJASTHAN						
34729	HARYANA						
4	KhSTPP-II	1731.296278	19857	BSEB			
			18219	DVC			
			4650	SIKKIM			
			75127	UP			
			224837	DELHI			
			54079	PUNJAB.			
			715449	RAJASTHAN			
			171376	HARYANA			
			5361	HP			
			348150	M.P			
			220231	CHHATISGARH			
5	TSSTPP-I	0.00000	90370	ASSAM			
			0.000	0.000			
6	BARH STPP-II	10131.401910	14443410	BSEB			
			3921904	GRIDCO			
			985665	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.