



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

Date: 06.09.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 14.08.2017 to 20.08.2017

Statement of Deviation charges for the week has been prepared as per CERC (Deviation Settlement Mechanism and related matters) Regulations (Notification no. No.L-1/132/2013/CERC dated 06.01.2014. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated. **RRAS Settlement Account for the week has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC.**

The constituents, who have to pay the Deviation Charges as indicated in the statement, are requested to make the payment to the Deviation Pool account operated by ERLDC within 10 days of the billing date. In case of delayed payments for Deviation charges against these bills beyond 12 days, the defaulting constituents shall have to pay simple interest @0.04 % for each day of delay.

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS providers beyond 12/17 days of the issuance date, the RRAS providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

Encl: As above

Yours faithfully,

(A.K.BANDYOPADHYAY)
MEMBER SECRETARY

List of Addressee

1. CE (Trans/O&M), BSEB, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSEB, Vidyut Bhavan, 3rd Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JSEB, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JSEB, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (CLD), DVC, Maithon Dam, Dist. Dhanbad, Jharkhand-7 (Fax: 06540-274836 / 274838).
7. Sr. GM(PP), GRIDCO, 4th floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. CE (Trans.), Deptt. Of Power, Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (CLD), WBSETCL, PO. Danesh Sheikh Lane, Howrah-9. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayaak Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1st Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
25. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill:Sahajbahal P.O: Charpali-Barpali, Dist:Jharsuguda – 768211 (Fax: 0674-2532174)
26. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
27. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
28. AGM, SO, NVVN, Core-3, 7th floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
31. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

**ABT based Deviation Charge Account
For the period 14.08.17 TO 20.08.17**

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
WBSETCL	610.58400	124.34216	734.92616	SIKKIM	35.84048	0.36261	35.47787
BSPHCL	333.93710	54.72253	388.65962	HVDC SASARAM	3.40760	0.02367	3.38393
GRIDCO	181.92990	59.42663	241.35653	WR	2882.57520	0.00000	2882.57520
DVC	100.26619	30.23653	130.50272	NR	448.36670	0.00000	448.36670
JUVNL	90.10516	15.39246	105.49763	SR	377.03560	0.00000	377.03560
NER	2599.21475	0.00000	2599.21475	NVVN-BD	1.59071	0.04320	1.54751
NVVN-NEPAL	5.16900	0.14568	5.31468	GMRKEL	14.60809	0.02303	14.58506
BARH	103.87714	0.17257	104.04971	BRBCL	13.49763	0.25960	13.23802
FSTPP I&II	88.87348	10.00582	98.87931	MAITHON R/B	5.17866	0.00000	5.17866
FSTPP-III	62.57530	8.82608	71.40138	TEESTA	36.89513	0.02913	36.86601
KHSTPP-I	35.63213	0.01914	35.65126	CHUZACHEN	13.41679	0.06711	13.34968
KHSTPP-II	18.97445	0.00882	18.98327	JORETHANG LOOP HEP	8.59874	0.00356	8.59518
TSTPP	7.64880	0.01583	7.66463	RANGIT	4.05365	0.05193	4.00171
Teesta-III(TUL)	70.11227	77.49049	147.60276	TPTCL	3.44237	0.02914	3.41323
DIKCHU	3.58872	3.31868	6.90739	BRBCL_INFIRM	8.95120	0.00000	8.95120
JITPL	23.91735	26.42574	50.34310	Adj for TSTPP(for 06,07.07.17)	0.14104	0.00000	0.14104
APNRL	5.80953	4.60960	10.41913				
IND BARATH	2.89886	0.00000	2.89886				
TALCHER SOLAR	1.17458	0.00000	1.17458				
Adj for DVC(for 06,07.07.17)	0.00675	0.00000	0.00675				
TOTAL	4346.29544	415.15878	4761.45422		3857.59959	0.89298	3856.70661

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

416.05176

(All figures in Rs. Lakhs)

Payable to the pool(A):	4346.29544
Payable from the pool(B):	3857.59959
Differential Amount Arising from capping of Thermal Power Stations(A-B)	488.69585
Additional Deviation Amount:	416.05176
VAE of Eastern Region:	449.15175

**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:** Jeypure end of Jeypure -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 % 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) UI&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, 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 informed by ERLDC, Dikchu Unit 1 & 2 started injecting Infirm Power wef 31.03.17.

xxxiv) As informed by ERLDC, BRBCL Unit-2 started drawing startup drawl Power/Infirm Injection wef 01.04.17.

xxxv)As informed by ERLDC Dikchu U-01 is declared COD wef 00:00 Hrs of 12.04.17 & Dikchu U-01 is being scheduled wef 19.04.17.

xxxvi) As informed by ERLDC Dikchu Unit-2 has been declared COD wef 00:00 Hrs of 28.05.17

xxxvii) Adjustment has been done due to revised schedules of the date 06.07.17 & 07.07.17.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement

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.
14/08/17	BSPHCL	-63,276.721	-64,492.483	-48,71,022.73	-4,86,296.00
	JUVNL	-15,963.643	-15,726.983	2,34,829.81	-2,39,138.06
	DVC	27,251.590	26,432.817	-27,94,568.89	-1,18,801.39
	GRIDCO	-25,094.406	-26,506.119	-40,57,020.29	-6,71,896.35
	SIKKIM	-1,727.138	-1,059.358	15,01,339.38	0.00
	WBSSETCL	-42,690.407	-45,337.371	-54,50,638.71	-12,05,177.42
	NER	7,812.218	-16,506.686	-645,71,526.67	-593,69,077.19
	NR	-51,102.744	-50,449.234	77,06,444.29	-83,90,927.23
	SR	-24,306.334	-32,975.441	-311,94,790.09	-292,80,780.00
	WR	-9,082.910	20,170.086	786,14,447.05	-1,78,758.20
	FSTPP-I & II	23,675.414	23,224.463	-10,96,218.30	-5,218.35
	KHSTPP-I	16,451.064	16,280.555	-2,87,063.02	-1,489.28
	TSTPP	21,261.992	21,264.666	99,621.73	0.00
	RANGIT	1,386.000	1,413.608	68,040.47	0.00
	CHPC	5,160.000	9,269.763	92,46,965.65	0.00
	KHPC	1,440.000	1,983.668	11,52,577.01	0.00
	THPC	24,792.000	19,979.772	-102,01,923.45	0.00
	KHSTPP-II	28,178.564	28,262.607	4,74,609.00	0.00
	FSTPP-III	7,497.405	7,393.682	-2,71,341.87	0.00
	TEESTA	11,793.000	12,041.200	6,95,315.62	0.00
	MAITHON R/B	23,228.131	23,296.290	1,92,993.44	0.00
	BARH	18,651.076	18,208.691	-9,35,846.926	-8,453.94
	NVVN-NEPAL	-2,397.755	-1,177.133	18,97,526.196	0.00
	APNRL	11,570.680	11,602.836	83,723.017	0.00
	GMRKEL	12,521.104	13,248.363	21,42,193.722	0.00
	JITPL	8,347.087	8,480.873	4,39,747.53	0.00
	TPTCL	2,867.592	2,925.024	1,34,397.22	0.00
	BRBCL	4,636.375	4,583.309	-1,36,228.736	0.00
	TALCHER SOLAR	19.458	23.940	38,971.55	0.00
	JORETHANG HEP	0.000	24.800	31,317.09	0.00
	IND Barath	0.000	-12.727	-36,996.18	0.00
	HVDC SASARAM	-26.797	-0.919	72,239.837	0.00
	VAE	-5,317.198	0.000	137,81,081.607	0.00
NVVN	-11,758.971	-11,721.600	1,02,149.311	0.00	
CHUZACHEN	0.000	-0.927	-4,868.680	0.00	
TUL	0.000	-0.145	-334.690	0.00	
DIKCHU	0.000	0.000	0.000	0.00	
BRBCL INFIRM	0.000	1,026.491	16,26,348.020	0.00	
15/08/17	BSPHCL	-65,865.842	-67,012.768	-31,90,773.45	-3,21,615.48
	JUVNL	-16,318.071	-15,974.313	5,59,046.70	-21,939.58
	DVC	25,518.214	22,649.868	-44,28,875.47	-9,76,301.83
	GRIDCO	-24,310.707	-28,748.741	-77,14,286.84	-23,84,367.94
	SIKKIM	-490.460	-845.460	-8,11,960.10	-2,222.94
	WBSSETCL	-36,921.637	-41,078.693	-84,60,081.31	-19,21,059.23
	NER	8,159.640	-5,733.132	-238,85,844.61	-202,10,165.98
	NR	-50,458.887	-54,317.187	-68,16,659.77	-121,96,245.98
	SR	-22,680.314	-25,045.164	-56,70,287.38	-29,01,149.86
	WR	-8,782.541	21,125.509	524,85,089.40	-9,93,290.40
	FSTPP-I & II	23,042.976	22,174.111	-13,25,635.45	-2,75,400.29
	KHSTPP-I	15,985.175	15,647.614	-5,10,031.04	0.00
	TSTPP	22,125.611	21,942.381	-1,73,047.56	0.00
	RANGIT	1,386.000	1,419.127	69,316.34	-1,057.32
	CHPC	7,200.000	9,390.716	49,29,111.56	0.00
	KHPC	1,440.000	2,048.659	12,90,357.50	0.00
	THPC	25,052.500	20,240.472	-102,01,499.21	0.00
	KHSTPP-II	26,630.455	26,343.157	-1,74,610.604	0.00
	FSTPP-III	8,073.664	7,826.725	-5,18,300.930	-2,932.22
	TEESTA	8,094.000	8,384.327	6,37,829.739	0.00
	MAITHON R/B	22,328.226	22,252.472	75,515.838	0.00
	BARH	18,130.193	17,545.527	-9,67,506.271	-3,481.11
	NVVN-NEPAL	-2,397.755	-2,426.784	95,739.616	0.00
	APNRL	10,623.622	10,364.000	-3,36,978.737	-17,204.55
	GMRKEL	7,439.760	7,353.091	2,97,818.338	0.00
	JITPL	7,971.704	8,010.327	1,03,697.003	-433.21
	TPTCL	2,867.592	2,950.171	1,47,237.63	-1,526.45
	BRBCL	3,297.759	3,398.718	2,08,318.008	-2,581.96
	TALCHER SOLAR	33.133	37.398	37,605.607	0.00
	JORETHANG HEP	2,323.049	2,359.680	62,836.236	0.00
	IND Barath	0.000	-13.964	-24,553.626	0.00
	HVDC SASARAM	-26.797	-0.894	46,336.757	-485.64
	VAE	-4,882.653	0.000	83,81,798.484	0.00
NVVN	-11,832.905	-11,838.363	-40,235.588	-504.91	
CHUZACHEN	1,952.914	2,320.560	5,99,489.890	-2,747.25	
TUL	225.983	665.673	4,96,535.950	0.00	
DIKCHU	746.118	1,045.273	7,99,358.849	-1,426.83	
BRBCL INFIRM	0.000	658.845	12,49,882.727	0.00	
16/08/17	BSPHCL	-67,751.045	-68,933.214	-20,25,204.12	-61,262.61
	JUVNL	-15,219.779	-15,903.627	-12,76,714.69	-1,87,398.74
	DVC	24,997.720	23,876.076	-22,40,402.06	-5,76,793.03
	GRIDCO	-25,026.664	-26,015.159	-2,39,005.72	-3,75,224.14
	SIKKIM	-1,480.773	-1,093.190	7,78,888.92	0.00
	WBSSETCL	-43,828.486	-49,040.535	-91,07,315.98	-15,48,119.20
	NER	6,474.304	-12,475.970	-374,21,074.53	-341,25,341.04
	NR	-57,546.705	-59,184.806	-4,07,484.92	-96,11,119.75
	SR	-31,475.517	-22,992.256	153,11,636.49	-21,080.59
	WR	-1,731.497	20,482.775	416,49,246.82	-15,89,211.86
	FSTPP-I & II	23,487.311	22,682.152	-15,10,495.85	-8,212.20
	KHSTPP-I	17,750.776	17,309.196	-6,98,860.65	0.00
	TSTPP	22,326.232	22,133.243	-2,80,155.26	0.00
	RANGIT	1,386.000	1,420.090	67,182.79	0.00
	CHPC	6,960.000	9,353.717	53,85,862.99	0.00
	KHPC	1,440.000	2,496.334	22,39,427.23	0.00
	THPC	25,100.000	20,160.725	-104,71,263.59	0.00
	KHSTPP-II	30,274.013	29,878.548	-4,80,619.926	0.00
	FSTPP-III	6,863.653	6,844.793	-9,805.574	0.00
	TEESTA	9,147.000	9,439.927	6,14,602.888	0.00
	MAITHON R/B	22,403.160	22,420.800	1,36,521.225	0.00
	BARH	25,082.076	24,040.254	-18,15,564.226	-265.00
	NVVN-NEPAL	-2,397.755	-2,495.126	-2,47,348.903	0.00
	APNRL	5,356.186	4,966.836	-6,03,975.565	-3,46,727.14
	GMRKEL	7,542.065	7,394.618	-1,58,168.334	0.00
	JITPL	8,478.099	8,518.473	1,15,889.835	0.00
	TPTCL	2,941.356	2,950.611	11,041.18	0.00
	BRBCL	3,294.106	3,420.036	1,63,695.880	0.00
	TALCHER SOLAR	34.580	32.156	-23,963.115	0.00
	JORETHANG HEP	2,183.706	2,270.304	1,69,120.857	0.00
	IND Barath	0.000	-15.273	-29,124.982	0.00
	HVDC SASARAM	-26.724	-0.963	47,962.623	0.00
	VAE	-6,584.643	0.000	111,23,740.231	0.00
NVVN	-11,780.216	-11,769.418	22,199.771	0.00	
CHUZACHEN	2,373.866	2,461.086	1,62,631.610	0.00	
TUL	13,458.664	10,313.309	-80,82,490.951	-73,13,402.60	
DIKCHU	1,582.123	1,201.455	-9,35,063.651	-2,55,461.63	
BRBCL INFIRM	0.000	-245.182	-4,55,876.388	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENTOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 2 of 2
					Additional Deviation Charge in Rs.
17/08/17	BSPHCL	-67,451.241	-68,633.073	-35,32,229.23	-10,25,939.58
	JUVNL	-15,553.616	-15,451.995	-6,78,905.12	-35,136.18
	DVC	27,792.809	27,888.696	7,40,886.69	-212.92
	GRIDCO	-26,054.241	-26,333.348	6,31,100.96	-2,67,988.19
	SIKKIM	-1,796.821	-1,109.786	15,42,475.34	0.00
	WBSETCL	-50,756.755	-54,999.906	-125,22,456.54	-41,36,885.01
	NER	6,166.403	-14,549.160	-509,18,519.37	-468,08,159.29
	NR	-59,058.960	-59,333.867	140,83,657.40	-126,05,429.88
	SR	-23,576.181	-17,710.906	141,04,454.13	-3,59,973.12
	WR	5,100.894	25,767.037	433,19,680.29	-34,420.81
	FSTPP-I & II	19,356.619	17,988.104	-31,20,461.71	-5,27,120.43
	KHSTPP-I	17,330.693	16,982.841	-7,27,199.56	0.00
	TSTPP	22,596.078	22,498.399	-1,83,595.53	0.00
	RANGIT	1,386.000	1,409.048	44,188.78	0.00
	CHPC	6,984.000	9,334.482	52,88,584.94	0.00
	KHPC	1,440.000	2,383.560	20,00,347.20	0.00
	THPC	25,392.000	20,119.267	-111,78,194.29	0.00
	KHSTPP-II	32,587.596	32,336.430	-3,89,630.92	0.00
	FSTPP-III	8,486.918	7,158.841	-31,66,137.75	-6,88,670.28
	TEESTA	12,129.000	12,377.636	6,31,283.52	0.00
	MAITHON R/B	22,946.168	22,963.418	81,568.04	0.00
	BARH	27,484.544	26,237.563	-26,10,690.715	-5,057.45
	NVVN-NEPAL	-1,438.653	-2,044.464	-15,08,457.696	-13,957.74
	APNRL	6,032.152	6,045.018	2,00,409.29	0.00
	GMRKEL	7,648.135	7,514.909	-67,732.73	-1,160.19
	JITPL	8,606.020	7,781.382	-33,27,100.98	-26,39,417.48
	TPTCL	2,941.356	2,950.352	5,458.12	0.00
	BRBCL	3,294.356	3,403.891	2,43,767.125	0.00
	TALCHER SOLAR	24.893	22.882	-23,144.76	0.00
	JORETHANG HEP	2,195.705	2,299.520	2,01,002.51	0.00
	IND Barath	0.000	-52.291	-1,25,263.92	0.00
	HVDC SASARAM	-26.725	-0.958	61,984.51	0.00
	VAE	-6,760.065	0.000	119,59,759.61	0.00
	NVVN	-11,699.098	-11,679.963	58,921.36	0.00
CHUZACHEN	2,373.866	2,461.248	2,11,884.60	0.00	
TUL	0.000	0.000	0.000	0.00	
DIKCHU	0.000	0.000	0.000	0.00	
BRBCL_INFIRM	0.000	-234.582	-5,57,543.170	0.00	
18/08/17	BSPHCL	-67,007.495	-70,846.244	-100,78,133.73	-29,46,822.52
	JUVNL	-14,484.831	-15,940.695	-38,48,348.34	-9,51,175.70
	DVC	28,964.483	27,067.432	-36,65,622.26	-5,12,359.12
	GRIDCO	-20,432.325	-21,643.636	-9,19,269.80	-2,87,669.99
	SIKKIM	-833.133	-1,182.092	-8,55,257.32	0.00
	WBSETCL	-50,413.743	-54,846.913	-109,23,733.84	-26,85,308.60
	NER	5,408.011	-17,829.296	-542,71,722.88	-503,94,129.04
	NR	-65,012.760	-58,859.650	151,89,464.59	-31,63,123.78
	SR	-28,290.111	-8,725.824	425,67,159.66	-4,84,114.28
	WR	8,782.237	21,276.401	294,55,552.75	-6,43,012.81
	FSTPP-I & II	18,711.301	17,862.264	-18,06,275.16	-1,26,122.71
	KHSTPP-I	17,753.376	17,457.729	-5,41,638.42	0.00
	TSTPP	11,430.884	11,452.916	89,206.20	0.00
	RANGIT	1,291.000	1,335.040	72,974.09	-682.10
	CHPC	6,526.750	9,164.992	59,36,044.70	0.00
	KHPC	264.000	2,327.587	43,74,804.86	0.00
	THPC	25,296.000	19,753.953	-117,49,139.84	0.00
	KHSTPP-II	33,423.802	33,197.670	-3,05,307.971	0.00
	FSTPP-III	6,900.351	6,210.608	-14,56,976.809	-1,51,224.37
	TEESTA	12,129.000	12,378.909	6,40,903.779	-1,229.81
	MAITHON R/B	23,332.661	23,396.800	1,95,213.099	0.00
	BARH	24,936.032	24,219.927	-11,67,033.049	0.00
	NVVN-NEPAL	-2,397.755	-2,678.842	-6,15,532.835	0.00
	APNRL	6,651.257	6,657.382	1,02,117.645	-96,201.98
	GMRKEL	7,666.939	7,660.873	2,98,375.186	0.00
	JITPL	8,368.518	8,471.273	2,69,053.054	-1,595.40
	TPTCL	2,941.356	2,950.986	32,834.07	-23.08
	BRBCL	3,349.426	3,498.573	3,44,145.930	-484.82
	TALCHER SOLAR	34.910	27.310	-79,355.79	0.00
	JORETHANG HEP	2,303.690	2,408.704	2,62,265.29	-176.62
	IND Barath	0.000	-18.982	-46,461.55	0.00
	HVDC SASARAM	-26.087	-0.981	57,370.29	-468.22
	VAE	-434.598	0.000	7,48,269.49	0.00
	NVVN	-11,547.120	-11,574.145	-1,12,064.387	-906.39
CHUZACHEN	2,373.866	2,460.762	2,00,802.171	-536.19	
TUL	6,982.983	7,369.891	6,48,959.732	-22,007.27	
DIKCHU	1,009.579	1,064.909	1,03,005.184	-2,235.92	
BRBCL_INFIRM	0.000	-217.282	-4,94,170.962	0.00	
19/08/17	BSPHCL	-71,710.914	-73,143.889	-15,73,450.32	-3,86,730.33
	JUVNL	-16,309.940	-15,625.125	3,03,806.39	-6,234.62
	DVC	25,644.442	23,333.943	-29,01,861.71	-5,05,653.73
	GRIDCO	-22,378.651	-27,137.616	-53,08,633.94	-15,33,028.71
	SIKKIM	-991.857	-1,112.272	-1,42,636.90	0.00
	WBSETCL	-55,435.665	-57,569.457	-24,47,234.82	-2,78,825.70
	NER	-6,330.161	-21,370.540	-168,35,352.89	-147,95,627.95
	NR	-61,884.981	-57,217.846	48,97,046.28	-11,79,704.38
	SR	-12,824.693	-12,564.091	10,80,809.95	-29,40,191.73
	WR	10,812.392	35,960.236	278,75,068.94	0.00
	FSTPP-I & II	19,197.286	19,358.465	2,59,487.40	0.00
	KHSTPP-I	16,533.590	16,105.563	-4,92,091.13	-424.27
	TSTPP	11,590.278	11,506.632	-30,804.76	0.00
	RANGIT	1,386.000	1,432.238	45,406.55	0.00
	CHPC	7,632.000	9,012.722	31,06,624.19	0.00
	KHPC	1,560.000	2,554.769	21,08,909.86	0.00
	THPC	23,425.750	19,425.754	-84,79,991.22	0.00
	KHSTPP-II	30,267.456	29,634.506	-6,42,428.509	0.00
	FSTPP-III	6,337.722	5,703.717	-8,10,497.376	-33,922.38
	TEESTA	12,129.000	12,321.527	2,53,737.326	0.00
	MAITHON R/B	21,647.470	21,547.963	-37,858.003	0.00
	BARH	28,723.097	27,166.363	-17,21,891.997	0.00
	NVVN-NEPAL	-2,397.755	-2,436.307	-767.122	0.00
	APNRL	5,904.124	5,904.000	6,309.261	0.00
	GMRKEL	7,739.520	7,117.527	-5,93,323.779	0.00
	JITPL	7,932.875	7,934.982	-340.581	0.00
	TPTCL	2,941.356	2,951.297	11,226.01	0.00
	BRBCL	3,065.454	3,318.245	3,25,931.587	0.00
	TALCHER SOLAR	35.683	31.937	-40,123.28	0.00
	JORETHANG HEP	2,037.508	2,082.496	48,605.26	0.00
	IND Barath	0.000	-12.145	-12,605.07	0.00
	HVDC SASARAM	-26.116	-0.890	27,995.84	0.00
	VAE	-254.698	0.000	4,53,171.56	0.00
	NVVN	-11,602.372	-11,540.000	68,144.937	0.00
CHUZACHEN	2,142.507	2,221.740	99,021.010	0.00	
TUL	17,314.755	17,194.473	-2,96,472.846	-4,01,329.15	
DIKCHU	2,135.410	2,054.909	-86,872.648	-878.393	
BRBCL_INFIRM	0.000	-219.936	-2,43,810.327	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 3 of 3
					Additional Deviation Charge in Rs.
20/08/17	BSPHCL	-76,399.455	-76,215.806	-6,19,564.16	-2,43,586.07
	JUVNL	-16,354.012	-16,090.200	15,039.49	-98,223.56
	DVC	23,135.306	21,435.193	-17,31,764.53	-3,33,530.96
	GRIDCO	-26,641.272	-30,376.992	-31,01,206.73	-4,22,488.03
	SIKKIM	-1,619.362	-940.528	7,63,698.63	-34,038.38
	WBSSETCL	-46,302.467	-49,792.260	-34,46,524.42	-6,58,841.19
	NER	-6,980.434	-17,592.356	-120,17,433.69	-97,19,463.53
	NR	-59,313.860	-54,992.252	101,84,202.63	-9,73,984.13
	SR	-15,709.125	-10,700.494	15,04,577.05	-43,64,508.09
	WR	17,595.481	33,652.108	148,58,434.27	-9,77,161.41
	FSTPP-I & II	20,769.987	20,827.101	-2,87,749.13	-58,508.40
	KHSTPP-I	15,072.113	14,749.907	-3,06,328.71	0.00
	TSTPP	22,389.344	21,949.624	-2,86,105.04	-1,582.87
	RANGIT	1,386.000	1,435.675	38,255.72	-3,453.91
	KHPC	8,040.000	9,289.496	28,11,366.21	0.00
	KHPC	1,560.000	2,125.865	11,99,633.38	0.00
	THPC	24,648.000	20,022.305	-98,06,473.11	0.00
	KHSTPP-II	22,032.671	21,555.643	-3,79,455.694	-882.00
	FSTPP-III	6,544.919	6,527.734	-24,469.466	-5,859.14
	TEESTA	12,129.000	12,300.218	2,15,840.501	-1,682.90
	MAITHON R/B	20,068.128	19,786.254	-1,26,087.879	0.00
	BARH	24,495.436	23,403.163	-11,69,180.546	0.00
	NVVN-NEPAL	-2,397.755	-2,503.315	-1,38,058.948	-610.56
	APNRL	5,904.124	5,799.127	-32,558.115	-826.52
	GMRKEL	7,739.520	7,137.527	-4,58,353.077	-1,143.15
	JITPL	7,933.375	7,913.163	7,319.099	-1,128.39
	TPTCL	2,941.356	2,950.702	2,042.52	-1,364.18
	BRBCL	2,980.337	3,298.527	2,00,132.864	-22,893.62
	TALCHER SOLAR	35.028	32.558	-27,447.91	0.00
	JORETHANG HEP	1,943.739	1,993.728	84,727.09	-179.49
	IND Barath	0.000	-13.454	-14,880.99	0.00
	HVDC SASARAM	-26.116	-0.830	26,869.70	-1,412.68
	VAE	1,837.578	0.000	-15,32,646.35	0.00
	NVVN	-11,838.667	-11,781.927	59,955.207	-2,908.32
	CHUZACHEN	2,004.235	2,068.596	72,718.888	-3,427.87
	TUL	14,731.394	14,907.927	2,22,575.424	-12,309.74
	DIKCHU	1,751.133	1,637.000	-2,39,299.388	-71,864.86
	BRBCL INFIRM	0.000	-215.109	-2,29,709.464	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 14/08/17 TO 20/08/17	BSPHCL	-4,79,462.71	-4,89,277.48	-333,93,710.00	-54,72,252.58
	JUVNL	-1,10,203.89	-1,10,712.94	-90,10,516.00	-15,39,246.44
	DVC	1,83,304.56	1,72,684.03	-100,26,619.00	-30,23,652.99
	GRIDCO	-1,69,938.27	-1,86,761.61	-181,92,990.00	-59,42,663.35
	SIKKIM	-8,939.54	-7,342.68	35,84,048.00	-36,261.32
	WBSSETCL	-3,26,349.16	-3,52,665.14	-610,58,400.00	-124,34,216.34
	NER	20,709.98	-1,06,057.14	-2599,21,475.00	0.00
	NR	-4,04,378.90	-3,94,354.84	448,36,670.00	0.00
	SR	-1,58,862.28	-1,30,714.18	377,03,560.00	0.00
	WR	22,694.06	1,78,434.15	2882,57,520.00	0.00
	FSTPP-I & II	1,48,240.89	1,44,116.66	-88,87,348.19	-10,00,582.38
	KHSTPP-I	1,16,876.79	1,14,533.41	-35,63,212.53	-1,913.55
	KHSTPP-II	2,03,394.56	2,01,208.56	-18,97,444.62	-882.00
	TSTPP	1,33,720.42	1,32,747.86	-7,64,880.22	-1,582.87
	FSTPP-III	50,704.63	47,666.10	-62,57,529.77	-8,82,608.39
	TEESTA	77,550.00	79,243.74	36,89,513.00	-2,912.71
	MAITHON R/B	1,55,953.94	1,55,664.00	5,17,865.76	0.00
	RANGIT	9,607.00	9,864.83	4,05,365.00	-5,193.33
	BARH	1,67,502.45	1,60,821.49	-103,87,713.73	-17,257.50
	NVVN-NEPAL	-15,825.18	-15,761.97	-5,16,900.00	-14,568.30
	APNRL	52,042.14	51,339.20	-5,80,953.00	-4,60,960.19
	GMRKEL	58,297.04	57,426.91	14,60,809.00	-2,303.34
	JITPL	57,637.68	57,110.47	-23,91,735.00	-26,42,574.48
	TPTCL	20,441.96	20,629.14	3,44,237.00	-2,913.71
	BRBCL	23,917.81	24,921.30	13,49,762.66	-25,960.40
	TALCHER SOLAR	217.68	208.18	-1,17,458.00	0.00
	JORETHANG HEP	12,987.40	13,439.23	8,59,874.00	-356.12
	IND Barath	0.00	-138.84	-2,89,886.00	0.00
	HVDC SASARAM	-185.36	-6.43	3,40,760.00	-2,366.54
	VAE	-22,396.28	0.00	449,15,174.64	0.00
	NVVN-BD	-82,059.35	-81,905.42	1,59,071.00	-4,319.62
	CHUZACHEN	13,221.25	13,993.07	13,41,679.00	-6,711.32
	TUL	52,713.78	50,451.13	-70,11,227.38	-77,49,048.76
DIKCHU	7,224.36	7,003.55	-3,58,871.65	-3,31,867.63	
BRBCL INFIRM	0.00	553.25	8,95,120.44	0.00	

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

Date: 06/09/2017

RRAS Account for Week: 14-Aug-17 to 20-Aug-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	3946.70200	3358644	11128493	1973350	16460486
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	2934.78700	3019896	7423508	1467392	11910798
4	KHSTPP-II	11741.24400	12962333	29913108	5870620	48746062
5	TSTPP-I	464.83500	434156	749687	232417	1416260
6	BARH	5030.51800	9381916	12360474	2515259	24257648
7	BRBCL	1330.10600	3910511	3157357	665053	7732921

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to 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	BRBCL	26.50000	72875	54656
2	FSTPP I & II	0.00000	0	0
3	FSTPP-III	0.00000	0	0
4	KHSTPP-I	648.48047	1568674	1176506
5	KHSTPP-II	208.09247	481110	360832
6	TSTPP-I	0.00000	0	0
7	BARH	1573.28971	3895465	2921599

**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	3946.70200	1866858	BSPHCL
			431938	JUVNL
			12331	DVC
			92225	SIKKIM
			476613	WBSETCL
			87557	ASSAM
			204066	DELHI
			58357	HARYANA
			12099	PUNJAB
			116600	RAJASTHAN
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	2934.78700	769944	BSPHCL
			96373	JUVNL
			19481	DVC
			131615	SIKKIM
			223242	WBSETCL
			80579	ASSAM
			1011980	DELHI
			86554	HARYANA
			81912	PUNJAB
			518216	RAJASTHAN
4	KHSTPP-II	11741.24400	269444	BSPHCL
			26430	JUVNL
			56777	DVC
			100083	SIKKIM
			520796	WBSETCL
			364231	ASSAM
			186281	CHATTISGARH
			34288	DADRA & NAGAR
			2134511	DELHI
			2527035	GUJARAT
			489779	HARYANA
			207453	HP
			2668088	MAHARASHTRA
			116005	MP
337773	PUNJAB			
2476152	RAJASTHAN			
			447207	UTTARAKHAND
5	TSTPP-I	464.83500	13035	JUVNL
			32456	DVC
			368117	SIKKIM
			20548	ASSAM
6	BARH	5030.51800	5338335	BSPHCL
			4043581	JUVNL
7	BRBCL	1330.10600	105657	DVC_Railway
			3804854	MAHARASHTRA

A) RRAS settlement account for the week 02.01.17 TO 08.01.17 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.