



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: 27.09.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 11.09.2017 to 17.09.2017

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), JBVNL, 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 11.09.17 TO 17.09.17**

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	506.92745	55.78433	562.71178	HVDC SASARAM	4.50317	0.00917	4.49400
GRIDCO	404.73156	65.29773	470.02929	WR	3637.80728	0.00000	3637.80728
JUVNL	267.06398	18.98293	286.04692	SR	823.80836	0.00000	823.80836
DVC	163.88136	18.95734	182.83870	NR	147.32302	0.00000	147.32302
BSPHCL	67.13520	6.73167	73.86687	GMRKEL	32.75478	0.68736	32.06742
SIKKIM	20.68797	0.00000	20.68797	BRBCL	9.56641	0.03026	9.53615
NER	3146.27971	0.00000	3146.27971	MAITHON R/B	4.03525	0.00000	4.03525
NVVN-NEPAL	6.96762	0.22230	7.18992	Teesta-III(TUL)	78.16599	0.02791	78.13808
NVVN-BD	3.18752	1.04242	4.22994	TEESTA	74.16906	0.02460	74.14447
FSTPP I&II	83.46722	0.12437	83.59159	DIKCHU	32.97996	0.00000	32.97996
FSTPP-III	33.01280	0.08026	33.09306	JORETHANG LOOP HEP	27.10992	0.00022	27.10969
BARH	28.95893	0.75643	29.71536	CHUZACHEN	13.73364	0.02565	13.70799
KHSTPP-I	24.76347	0.00000	24.76347	RANGIT	9.26293	0.02506	9.23788
KHSTPP-II	16.32444	4.31883	20.64327	APNRL	14.72604	0.02216	14.70388
TSTPP	5.44816	0.00000	5.44816				
TPTCL	63.86705	0.00000	63.86705				
JITPL	47.50761	0.60190	48.10951				
IND BARATH	1.67612	0.00000	1.67612				
TALCHER SOLAR	1.23247	0.00000	1.23247				
TOTAL	4893.12064	172.90050	5066.02114		4909.94581	0.85238	4909.09343

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

173.75288

(All figures in Rs. Lakhs)

Payable to the pool(A):	4893.12064
Payable from the pool(B):	4909.94581
Differential Amount Arising from capping of Thermal Power Stations(A-B)	-16.82517
Additional Deviation Amount:	173.75288
VAE of Eastern Region:	177.10198

**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 (GATI) 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 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.

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) As informed by ERLDC BRBCL Unit-02 is declared COD wef 00:00 Hrs of 10.09.17.

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.
11-09-17	BSPHCL	-77,026.133	-78,444.564	-46,16,549.69	-1,44,438.44
	JUVNL	-16,711.481	-18,239.081	-48,71,095.48	-3,28,164.35
	DVC	26,428.154	25,625.074	-24,35,783.69	-1,23,382.73
	GRIDCO	-31,530.817	-34,730.889	-102,11,809.69	-10,80,879.12
	SIKKIM	-953.305	-1,179.237	-7,22,963.09	0.00
	WBSETCL	-58,520.824	-59,295.704	-29,17,415.94	-2,46,526.88
	NER	-324.962	-16,052.408	-518,49,751.89	-463,15,267.59
	NR	-41,106.853	-53,125.560	-404,49,681.76	-268,77,766.37
	SR	-6,262.052	-1,718.295	134,85,366.94	-40,66,164.29
	WR	234.954	32,449.529	1076,21,016.54	0.00
	FSTPP-I & II	21,998.925	21,700.006	-8,49,999.71	0.00
	KHSTPP-I	17,839.026	17,888.465	1,50,907.00	0.00
	TSTPP	22,223.053	22,148.944	-1,94,876.25	0.00
	RANGIT	1,386.000	1,439.065	1,86,853.32	0.00
	CHPC	7,971.500	8,318.064	7,79,769.76	0.00
	KHPC	1,584.000	2,247.620	14,06,875.25	0.00
	THPC	21,707.500	17,897.903	-80,76,345.55	0.00
	KHSTPP-II	22,513.420	22,607.100	2,57,744.92	0.00
	FSTPP-III	6,743.421	6,656.538	-2,25,462.42	-7,799.73
	TEESTA	12,156.000	12,584.509	14,48,324.33	0.00
	MAITHON R/B	23,562.000	23,646.363	2,37,504.88	0.00
	BARH	14,929.200	14,946.109	59,897.540	0.00
	NVVN-NEPAL	-2,405.794	-2,380.704	-67,984.760	0.00
	APNRL	5,854.685	5,985.454	4,31,149.484	0.00
	GMRKEL	4,348.964	4,810.400	15,39,226.503	0.00
	JITPL	7,715.337	7,763.782	1,57,392.81	0.00
	TPTCL	2,897.824	2,587.303	-10,62,675.32	0.00
	BRBCL	3,076.337	3,278.782	5,51,556.746	0.00
	TALCHER SOLAR	41.635	35.461	-58,347.46	0.00
	JORETHANG HEP	2,302.798	2,471.040	5,54,261.14	0.00
	IND Barath	0.000	-8.218	-27,160.68	0.00
	HVDC SASARAM	-26.291	-1.109	82,687.524	0.00
	VAE	-155.848	0.000	5,50,972.625	0.00
NVVN	-11,877.989	-11,874.691	6,870.199	0.00	
CHUZACHEN	2,232.199	2,282.895	1,59,223.200	0.00	
TUL	21,009.824	21,563.709	18,22,458.983	0.00	
DIKCHU	1,722.856	1,902.364	5,75,907.727	0.00	
BRBCL_INFIRM	0.000	0.000	0.000	0.00	
12-09-17	BSPHCL	-82,714.622	-81,299.777	28,08,471.00	-1,03,898.73
	JUVNL	-17,684.133	-18,709.181	-25,11,175.02	-3,12,151.11
	DVC	23,803.271	23,313.361	-14,57,862.78	-1,12,375.80
	GRIDCO	-25,855.391	-28,875.046	-56,92,393.47	-10,63,425.24
	SIKKIM	-1,185.664	-1,256.181	-1,71,111.05	0.00
	WBSETCL	-60,391.099	-62,872.565	-58,99,370.67	-8,62,982.37
	NER	-533.799	-16,876.958	-385,98,814.93	-345,95,609.85
	NR	-39,506.437	-49,948.973	-225,41,368.86	-144,50,643.85
	SR	-28,335.978	-9,471.990	449,42,308.29	0.00
	WR	16,089.600	28,551.329	262,31,578.32	-4,26,015.96
	FSTPP-I & II	28,801.761	28,500.848	-6,51,677.95	0.00
	KHSTPP-I	17,825.536	17,595.033	-4,13,147.95	0.00
	TSTPP	22,543.844	22,461.022	-1,83,457.86	0.00
	RANGIT	1,386.000	1,434.647	1,04,009.00	0.00
	CHPC	7,464.000	9,117.496	37,20,365.38	0.00
	KHPC	1,584.000	2,311.103	15,41,457.94	0.00
	THPC	22,276.250	19,618.032	-56,35,421.58	0.00
	KHSTPP-II	22,187.440	22,027.740	-2,75,814.384	-338.61
	FSTPP-III	7,630.216	7,494.024	-3,13,191.350	0.00
	TEESTA	12,156.000	12,543.673	9,17,180.866	0.00
	MAITHON R/B	23,562.000	23,566.400	61,584.333	0.00
	BARH	14,884.855	14,700.000	-3,62,560.474	0.00
	NVVN-NEPAL	-2,405.794	-2,373.802	86,147.492	0.00
	APNRL	5,902.685	5,978.327	1,83,505.157	0.00
	GMRKEL	7,673.897	7,644.145	23,416.474	-44,971.70
	JITPL	8,059.117	8,008.945	-2,15,362.552	0.00
	TPTCL	2,897.824	2,850.266	-1,42,370.66	0.00
	BRBCL	3,270.677	3,429.545	3,64,761.274	0.00
	TALCHER SOLAR	41.918	35.483	-60,863.171	0.00
	JORETHANG HEP	2,302.798	2,437.920	3,37,260.414	0.00
	IND Barath	0.000	-9.018	-22,006.264	0.00
	HVDC SASARAM	-26.291	-1.062	59,256.615	0.00
	VAE	-1,494.805	0.000	34,60,146.615	0.00
NVVN	-11,888.805	-11,864.218	54,125.040	0.00	
CHUZACHEN	2,377.214	2,441.313	1,47,758.215	0.00	
TUL	21,037.034	21,296.509	6,02,763.195	0.00	
DIKCHU	1,870.114	2,224.454	7,82,904.574	0.00	
BRBCL_INFIRM	0.000	0.000	0.000	0.00	
13/09/17	BSPHCL	-79,710.020	-77,891.146	33,46,736.88	-18,488.75
	JUVNL	-18,062.333	-18,262.686	-7,88,238.45	-17,504.65
	DVC	27,126.502	26,597.278	-15,65,631.52	-7,173.71
	GRIDCO	-24,340.129	-24,835.567	-9,27,538.49	-1,66,328.10
	SIKKIM	-1,228.533	-1,247.867	-61,601.53	0.00
	WBSETCL	-64,388.877	-68,796.886	-121,60,623.36	-18,17,391.62
	NER	3,459.756	-11,692.536	-423,39,206.61	-376,78,818.45
	NR	-51,316.975	-56,238.781	-138,01,373.41	-81,86,363.95
	SR	-14,941.686	-13,564.005	36,96,216.97	-106,89,239.31
	WR	-1,289.718	21,424.343	636,10,419.01	0.00
	FSTPP-I & II	35,285.164	34,692.955	-14,08,881.99	0.00
	KHSTPP-I	17,687.532	17,614.008	-1,68,716.79	0.00
	TSTPP	21,933.260	21,759.465	-4,51,627.94	0.00
	RANGIT	1,386.000	1,436.680	1,39,684.63	0.00
	CHPC	8,760.000	8,869.119	2,45,517.64	0.00
	KHPC	1,584.000	2,350.955	16,25,944.18	0.00
	THPC	21,630.000	19,083.602	-53,98,363.30	0.00
	KHSTPP-II	22,549.607	22,581.152	1,16,081.145	0.00
	FSTPP-III	9,590.132	9,394.062	-5,02,367.412	0.00
	TEESTA	12,156.000	12,574.691	11,89,874.095	0.00
	MAITHON R/B	23,562.000	23,591.709	80,608.628	0.00
	BARH	14,126.264	14,236.145	59,964.091	0.00
	NVVN-NEPAL	-2,405.794	-2,418.230	-89,300.113	0.00
	APNRL	5,902.685	5,967.273	1,84,722.398	0.00
	GMRKEL	7,673.897	7,775.273	3,29,620.625	-18,165.62
	JITPL	8,165.355	8,112.800	-1,48,755.599	0.00
	TPTCL	2,897.824	2,781.434	-3,18,926.59	0.00
	BRBCL	3,465.530	3,494.454	91,589.207	0.00
	TALCHER SOLAR	43.023	43.511	4,112.785	0.00
	JORETHANG HEP	2,302.798	2,453.056	4,22,866.575	0.00
	IND Barath	0.000	-9.018	-24,942.772	0.00
	HVDC SASARAM	-26.291	-1.028	70,493.560	0.00
	VAE	-1,264.315	0.000	35,18,190.570	0.00
NVVN	-11,881.743	-11,885.200	-9,091.610	0.00	
CHUZACHEN	2,377.214	2,481.669	2,92,486.918	0.00	
TUL	21,012.594	21,470.545	13,05,047.174	0.00	
DIKCHU	1,894.960	2,200.727	8,49,081.193	0.00	
BRBCL_INFIRM	0.000	0.000	0.000	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.
14/09/17	BSPHCL	-83,475.271	-82,358.477	26,03,387.19	-28,955.12
	JUVNL	-17,688.039	-18,541.252	-25,06,751.91	-1,46,424.07
	DVC	28,196.379	25,919.776	-65,60,131.80	-7,37,969.09
	GRIDCO	-29,538.792	-30,939.982	-29,88,607.73	-3,16,064.59
	SIKKIM	-1,078.338	-1,207.636	-3,22,602.79	0.00
	WBSETCL	-63,039.617	-65,764.385	-72,96,632.66	-6,55,535.93
	NER	4,044.369	-11,474.724	-441,14,027.62	-393,07,767.00
	NR	-55,301.707	-60,904.537	-205,77,613.55	-176,27,945.53
	SR	-22,801.140	-9,309.099	388,81,708.33	-4,78,630.49
	WR	14,406.228	31,244.968	503,87,667.84	-41,77,346.58
	FSTPP-I & II	35,663.835	34,980.653	-17,50,113.76	0.00
	KHSTPP-I	17,864.585	17,720.851	-3,18,195.07	0.00
	TSTPP	21,662.500	21,745.448	2,06,130.71	0.00
	RANGIT	1,386.000	1,434.403	1,34,706.96	0.00
	CHPC	7,840.000	8,019.671	4,04,258.95	0.00
	KHPC	1,584.000	2,196.029	12,97,501.06	0.00
	THPC	20,959.000	17,255.852	-78,50,673.64	0.00
	KHSTPP-II	22,558.048	22,561.894	26,966.16	0.00
	FSTPP-III	10,113.303	9,893.855	-5,64,138.07	0.00
	TEESTA	12,156.000	12,565.600	11,96,272.44	0.00
	MAITHON R/B	23,562.000	23,545.600	-36,711.28	0.00
	BARH	14,884.700	14,691.709	-5,00,950.424	0.00
	NVVN-NEPAL	-2,405.794	-2,498.170	-2,79,093.665	0.00
	APNRL	5,902.685	5,918.109	35,011.30	0.00
	GMRKEL	7,673.897	7,734.109	2,47,264.34	-3,632.17
	JITPL	8,805.808	8,266.618	-14,95,354.08	-5,080.80
	TPTCL	2,897.824	2,643.575	-7,20,535.70	0.00
	BRBCL	4,094.094	4,083.691	-21,322.364	0.00
	TALCHER SOLAR	42.543	47.358	44,122.18	0.00
	JORETHANG HEP	2,302.798	2,444.480	4,03,165.73	0.00
	IND Barath	0.000	-8.509	-24,327.71	0.00
	HVDC SASARAM	-26.291	-1.021	72,237.47	0.00
	VAE	-840.698	0.000	24,10,198.40	0.00
	NVVN	-11,844.659	-11,868.254	-72,177.14	0.00
CHUZACHEN	2,377.214	2,496.510	3,40,989.12	0.00	
TUL	21,046.859	21,435.636	11,08,558.028	0.00	
DIKCHU	1,990.708	2,267.818	8,06,282.227	0.00	
BRBCL_INFIRM	0.000	0.000	0.000	0.00	
15/09/17	BSPHCL	-84,574.300	-84,334.845	61,654.60	-1,48,132.54
	JUVNL	-16,913.104	-18,657.711	-51,36,363.79	-3,87,550.23
	DVC	29,394.281	27,213.755	-59,02,679.49	-8,00,052.17
	GRIDCO	-32,502.479	-34,864.574	-58,54,281.36	-6,02,365.96
	SIKKIM	-1,044.606	-1,209.936	-5,15,081.59	0.00
	WBSETCL	-63,463.570	-65,051.044	-49,83,047.95	-4,48,159.55
	NER	4,276.727	-18,050.320	-661,24,972.31	-611,13,468.96
	NR	-77,917.842	-55,820.768	640,11,909.65	0.00
	SR	-6,441.695	-7,772.504	-42,59,289.43	-114,22,882.59
	WR	23,257.354	36,089.636	381,71,702.72	-2,23,782.16
	FSTPP-I & II	35,915.885	35,134.341	-20,61,406.46	0.00
	KHSTPP-I	17,582.624	17,506.690	-1,94,585.39	0.00
	TSTPP	22,466.625	22,485.715	54,376.05	0.00
	RANGIT	1,386.000	1,438.831	1,57,597.00	0.00
	CHPC	6,659.750	7,156.472	11,17,624.62	0.00
	KHPC	1,584.000	2,292.170	15,01,321.25	0.00
	THPC	20,410.500	15,398.516	-106,25,407.09	0.00
	KHSTPP-II	22,584.827	22,621.485	1,12,741.471	0.00
	FSTPP-III	10,445.627	10,169.985	-7,13,770.796	-226.18
	TEESTA	12,156.000	12,568.945	12,47,618.145	0.00
	MAITHON R/B	23,562.000	23,625.163	1,87,585.978	0.00
	BARH	14,919.526	14,832.000	-1,99,799.538	0.00
	NVVN-NEPAL	-2,405.794	-2,438.563	-1,02,703.301	0.00
	APNRL	5,781.851	5,886.836	3,05,478.988	0.00
	GMRKEL	7,673.897	7,900.945	7,48,797.149	0.00
	JITPL	8,765.758	8,209.309	-16,67,949.896	-54,397.49
	TPTCL	2,897.824	2,383.652	-15,31,772.62	0.00
	BRBCL	4,680.929	4,639.345	-86,444.593	0.00
	TALCHER SOLAR	36.753	32.456	-42,339.23	0.00
	JORETHANG HEP	2,302.798	2,458.080	4,59,295.62	0.00
	IND Barath	0.000	-11.491	-34,129.80	0.00
	HVDC SASARAM	-25.905	-1.099	73,365.10	0.00
	VAE	-1,096.360	0.000	33,54,406.98	0.00
	NVVN	-11,822.088	-11,853.091	-2,05,671.170	-1,03,776.34
CHUZACHEN	2,377.214	2,437.767	1,82,285.056	0.00	
TUL	21,095.990	21,497.091	11,89,800.457	0.00	
DIKCHU	2,207.050	2,293.273	2,56,974.077	0.00	
BRBCL_INFIRM	0.000	0.000	0.000	0.00	
16/09/17	BSPHCL	-83,660.445	-83,467.886	-5,03,884.31	-34,265.12
	JUVNL	-17,170.955	-19,043.846	-46,82,897.30	-5,02,288.91
	DVC	30,002.904	28,480.660	-34,23,371.35	-44,078.52
	GRIDCO	-33,663.968	-37,468.969	-68,30,062.43	-16,29,018.96
	SIKKIM	-995.149	-1,252.408	-5,87,937.00	0.00
	WBSETCL	-66,182.759	-68,755.768	-54,37,978.09	-5,34,853.45
	NER	1,588.266	-18,943.982	-511,91,965.20	-471,63,481.25
	NR	-65,727.973	-48,095.535	435,61,196.07	0.00
	SR	6,208.036	2,582.972	-118,65,565.80	-113,01,363.75
	WR	17,076.049	33,911.552	424,86,475.23	-10,721.73
	FSTPP-I & II	35,319.179	34,847.810	-11,19,997.11	0.00
	KHSTPP-I	17,772.851	17,442.600	-7,02,154.78	0.00
	TSTPP	22,495.000	22,519.723	1,14,148.67	0.00
	RANGIT	1,386.000	1,439.207	1,33,396.93	0.00
	CHPC	6,000.000	7,124.668	25,30,502.15	0.00
	KHPC	528.000	2,311.016	37,79,994.77	0.00
	THPC	18,172.500	15,330.082	-60,25,925.73	0.00
	KHSTPP-II	18,938.681	18,374.098	-13,07,185.398	-4,31,544.37
	FSTPP-III	10,563.022	10,243.353	-7,73,654.239	0.00
	TEESTA	12,156.000	12,528.873	9,86,057.138	0.00
	MAITHON R/B	23,562.000	23,578.472	44,991.777	0.00
	BARH	14,913.700	14,518.472	-8,86,877.233	-75,642.58
	NVVN-NEPAL	-2,405.794	-2,424.998	-97,336.059	0.00
	APNRL	5,900.381	5,998.473	2,32,840.270	0.00
	GMRKEL	7,659.120	8,008.291	8,45,907.527	0.00
	JITPL	8,795.812	8,273.818	-14,39,764.822	0.00
	TPTCL	2,897.824	2,225.328	-16,14,100.74	0.00
	BRBCL	5,054.640	5,078.254	64,133.102	0.00
	TALCHER SOLAR	36.218	36.862	5,481.06	0.00
	JORETHANG HEP	1,942.986	2,105.120	3,94,067.41	0.00
	IND Barath	0.000	-8.945	-22,010.07	0.00
	HVDC SASARAM	-26.174	-1.163	60,398.90	0.00
	VAE	-1,405.380	0.000	32,34,371.59	0.00
	NVVN	-11,783.633	-11,807.600	-71,481.371	0.00
CHUZACHEN	2,006.040	2,062.341	1,39,654.237	0.00	
TUL	15,886.594	16,235.200	8,30,919.522	0.00	
DIKCHU	1,942.986	1,904.273	-90,770.093	0.00	
BRBCL_INFIRM	0.000	0.000	0.000	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.
17/09/17	BSPHCL	-81,948.675	-82,111.468	-14,51,866.46	-1,94,988.37
	JUVNL	-16,996.189	-18,062.504	-18,65,106.51	-2,04,209.94
	DVC	30,012.440	29,218.973	-9,58,008.12	-70,701.53
	GRIDCO	-40,114.769	-46,312.182	-77,36,747.59	-16,71,691.12
	SIKKIM	-935.327	-893.472	41,925.37	0.00
	WBSETCL	-51,363.102	-54,252.447	-43,83,427.50	-10,12,982.96
	NER	-1,354.674	-16,432.829	-204,09,232.06	-181,96,912.54
	NR	-59,039.284	-58,064.328	45,29,233.63	-24,60,944.42
	SR	3,148.943	2,556.597	-24,99,909.09	-52,08,844.70
	WR	5,326.927	32,895.912	352,71,868.24	-13,58,196.19
	FSTPP-I & II	30,347.737	29,983.313	-5,04,645.16	-12,437.05
	KHSTPP-I	16,838.294	16,160.477	-8,30,454.17	0.00
	TSTPP	22,488.148	22,370.773	-89,508.94	0.00
	RANGIT	1,386.000	1,442.221	70,045.22	-2,505.53
	KHPC	6,090.000	7,645.919	35,00,817.89	0.00
	KHPC	528.000	2,228.278	36,04,588.51	0.00
	THPC	19,200.000	16,451.654	-58,26,493.13	0.00
	KHSTPP-II	22,321.767	21,856.086	-5,62,977.542	0.00
	FSTPP-III	8,703.294	8,548.905	-2,08,696.169	0.00
	TEESTA	12,156.000	12,442.400	4,31,579.401	-2,459.63
	MAITHON R/B	22,569.750	22,395.454	-1,72,039.231	0.00
	BARH	14,716.700	13,878.436	-10,65,567.457	0.00
	NVVN-NEPAL	-2,405.794	-2,431.238	-1,46,491.365	-22,229.89
	APNRL	5,900.381	5,972.509	99,896.520	-2,215.81
	GMRKEL	7,659.120	7,161.018	-4,58,754.925	-1,966.64
	JITPL	7,892.737	7,936.582	59,033.187	-711.29
	TPTCL	2,899.271	2,158.656	-9,96,323.14	0.00
	BRBCL	4,431.851	4,415.727	-7,632.219	-3,025.79
	TALCHER SOLAR	39.028	37.535	-15,413.01	0.00
	JORETHANG HEP	2,302.798	2,386.816	1,40,074.79	-22.29
	IND Barath	0.000	-10.182	-13,034.51	0.00
	HVDC SASARAM	-25.409	-1.332	31,877.37	-916.62
	VAE	-954.563	0.000	11,81,911.05	0.00
	NVVN	-11,187.812	-11,229.200	-21,325.609	-466.15
	CHUZACHEN	2,375.518	2,460.969	1,10,967.718	-2,565.07
	TUL	20,550.868	21,290.400	9,57,051.186	-2,790.76
	DIKCHU	2,016.160	2,119.818	1,17,616.514	0.00
	BRBCL_INFIRM	0.000	0.000	0.000	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 11-09-17 TO 17/09/17	BSPHCL	-5,73,109.47	-5,69,908.16	-67,13,520.00	-6,73,167.07
	JUVNL	-1,21,226.23	-1,29,516.26	-267,06,398.00	-18,98,293.25
	DVC	1,94,963.93	1,86,368.88	-163,88,136.00	-18,95,733.54
	GRIDCO	-2,17,546.35	-2,38,027.21	-404,73,156.00	-65,29,773.10
	SIKKIM	-7,420.92	-8,246.74	-20,68,797.00	0.00
	WBSETCL	-4,27,349.85	-4,44,788.80	-506,92,745.00	-55,78,432.77
	NER	11,155.68	-1,09,523.76	-3146,27,971.00	0.00
	NR	-3,89,917.07	-3,82,198.48	147,32,302.00	0.00
	SR	-69,425.57	-36,696.32	823,80,836.00	0.00
	WR	75,101.39	2,16,567.27	3637,80,728.00	0.00
	FSTPP-I & II	2,23,332.49	2,19,839.93	-83,46,722.15	-12,437.05
	KHSTPP-I	1,23,410.45	1,21,928.13	-24,76,347.14	0.00
	KHSTPP-II	1,53,653.79	1,52,629.56	-16,32,443.63	-4,31,882.97
	TSTPP	1,55,812.43	1,55,491.09	-5,44,815.56	0.00
	FSTPP-III	63,789.01	62,400.72	-33,01,280.45	-8,025.91
	TEESTA	85,092.00	87,808.69	74,16,906.00	-2,459.63
	MAITHON R/B	1,63,941.75	1,63,949.16	4,03,525.08	0.00
	RANGIT	9,702.00	10,065.05	9,26,293.00	-2,505.53
	BARH	1,03,374.95	1,01,802.87	-28,95,893.50	-75,642.58
	NVVN-NEPAL	-16,840.56	-16,965.71	-6,96,762.00	-22,229.89
	APNRL	41,145.35	41,706.98	14,72,604.00	-2,215.81
	GMRKEL	50,362.79	51,034.18	32,75,478.00	-68,736.12
	JITPL	58,199.92	56,571.85	-47,50,761.00	-60,189.57
	TPTCL	20,286.22	17,630.22	-63,86,705.00	0.00
	BRBCL	28,074.06	28,419.80	9,56,641.15	-3,025.79
	TALCHER SOLAR	281.12	268.67	-1,23,247.00	0.00
	JORETHANG HEP	15,759.77	16,756.51	27,10,992.00	-22.29
	IND Barath	0.00	-65.38	-1,67,612.00	0.00
	HVDC SASARAM	-182.65	-7.81	4,50,317.00	-916.62
	VAE	-7,211.97	0.00	177,10,197.83	0.00
	NVVN-BD	-82,286.73	-82,382.25	-3,18,752.00	-1,04,242.49
	CHUZACHEN	16,122.61	16,663.46	13,73,364.00	-2,565.07
	TUL	1,41,639.76	1,44,789.09	78,16,598.54	-2,790.76
DIKCHU	13,644.83	14,912.73	32,97,996.22	0.00	
BRBCL_INFIRM	0.00	0.00	0.00	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: 27/09/2017

RRAS Account for Week: 11-Sep-17 to 17-Sep-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	2335.37600	1987406	6427820	1167688	9582913
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	187.49800	192937	455725	93749	742410
4	KHSTPP-II	1064.40200	1175100	2474268	532202	4181570
5	TSTPP-I	111.99500	104603	152281	55997	312881
6	BARH	315.04900	587567	780061	157524	1525152
7	BRBCL	3407.51900	10018106	9370678	1703760	21092544

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	8.16703	22459	16845
2	FSTPP I & II	9.63250	28686	21514
3	FSTPP-III	0.00000	0	0
4	KHSTPP-I	21.89750	53671	40253
5	KHSTPP-II	1.38500	3245	2434
6	TSTPP-I	0.00000	0	0
7	BARH	25.00000	63050	47288

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	2335.37600	1104496	BSPHCL
			98905	JUVNL
			8701	DVC
			461984	WBSETCL
			138574	ASSAM
			110548	DELHI
			30741	HARYANA
			2680	PUNJAB
			30777	RAJASTHAN
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	187.49800	7632	BSPHCL
			4325	DVC
			61100	WBSETCL
			56111	ASSAM
			49446	DELHI
			4119	HARYANA
			10204	RAJASTHAN
4	KHSTPP-II	1064.40200	10346	DVC
			95080	WBSETCL
			137550	ASSAM
			263176	CHATTISGARH
			633	DADRA & NAGAR
			226538	DELHI
			108509	GUJARAT
			60831	HARYANA
			146952	MP
			111857	RAJASTHAN
			13628	UTTARAKHAND
5	TSTPP-I	111.99500	11573	DVC
			93030	ASSAM
6	BARH	315.04900	316118	BSPHCL
			271449	JUVNL
7	BRBCL	3407.51900	562301	DVC_Railway
			9455805	MAHARASHTRA

A) RRAS settlement account for the week 11-Sep-17 to 17-Sep-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.