



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: 30.10.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 09.10.2017 to 15.10.2017.

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, Loknaya Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1st Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
25. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill:Sahajbahal P.O: Charpali-Barpali, Dist:Jharsuguda – 768211 (Fax: 0674-2532174)
26. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
27. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
28. AGM, SO, NVVN, Core-3, 7th floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
31. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

**ABT based Deviation Charge Account
For the period 09.10.17 TO 15.10.17**

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	835.33936	214.62668	1049.96604	HVDC SASARAM	4.15020	0.00000	4.15020
GRIDCO	713.86359	114.34794	828.21154	HVDC ALIPURDUAR	2.21145	0.00000	2.21145
BSPHCL	317.74216	26.00323	343.74538	WR	8293.64004	0.00000	8293.64004
DVC	266.89042	156.66551	423.55593	NR	1235.72129	0.00000	1235.72129
JUVNL	262.57253	25.45195	288.02447	NVVN-BD	52.19099	0.11183	52.07917
SIKKIM	23.78909	0.00000	23.78909	GMRKEL	66.88453	0.00000	66.88453
SR	4930.89552	0.00000	4930.89552	BRBCL	18.15975	0.12354	18.03621
NER	2472.49969	0.00000	2472.49969	TSTPP	12.85214	1.77752	11.07462
NVVN-NEPAL	71.02755	0.35089	71.37844	MAITHON R/B	12.32304	0.03864	12.28441
FSTPP I&II	76.90673	0.51321	77.41994	TEESTA	64.63408	0.18420	64.44988
BARH	36.34700	8.01251	44.35951	Teesta-III(TUL)	24.70285	28.44002	-3.73717
KHSTPP-I	29.69960	0.00353	29.70313	CHUZACHEN	8.87778	0.00089	8.87689
FSTPP-III	27.14899	2.06747	29.21646	RANGIT	4.29515	0.00000	4.29515
KHSTPP-II	13.90539	0.26571	14.17110	DIKCHU	0.62650	0.12186	0.50464
TPTCL	53.43689	0.00000	53.43689	TALCHER SOLAR	0.13890	0.00000	0.13890
JORETHANG LOOP HEP	47.10523	0.00025	47.10548	THEP_INFIRM	13.29566	0.00000	13.29566
JITPL	7.20087	0.00000	7.20087				
IND BARATH	1.47084	0.00000	1.47084				
APNRL	0.21754	0.00000	0.21754				
Adi for DVC(for April '17)	12.91778	0.00000	12.91778				
TOTAL	10200.97678	548.30889	10749.28566		9814.70437	30.79850	9783.90587

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

579.10739

(All figures in Rs. Lakhs)	
Payable to the pool(A):	10200.97678
Payable from the pool(B):	9814.70437
Differential Amount Arising from capping of Thermal Power Stations(A-B)	386.27241
Additional Deviation Amount:	579.10739
VAE of Eastern Region:	336.23682

**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**: Jeyore end of Jeyore -Gajuwaka D/C & East bus of TSPPP 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 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) U1&2** started w.e.f. 0000 hrs of 18.05.2013

xvi) As informed by ERLDC, GMRKEL became pool member of Eastern Region w.e.f 31.03.14. Henceforth GMRKEL shall be reflected as separate entity in subsequent bills.

xvii) As informed by ERLDC, COD of Talcher Solar started and JITPL synchronised w.e.f 28.03.14

xviii) As informed by ERLDC, power export to Bangladesh started w.e.f 27.09.13 through 400kV Behrampore(IND) - Bheramara(BANGLADESH). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

xix) As informed by ERLDC , GMRKEL U#2 started start up power drawal/ infirm power injection w.e.f 08.12.14.

xx) As informed by ERLDC, BARH U#5 started start up power drawal/ infirm power injection

xxi) As informed by ERLDC, JITPL U#2 started commercial operation w.e.f 00.00 hrs of 12.02.2015.

xxii) As informed by ERLDC, U#1(48MW) of Jorethang Loop HEP starting injecting infirm power wef 00.00 hrs of 20.09.15 and the same has been declared commercial wef 00.00 hrs of 26.09.15.

U#2 of the same project declared commercial wef 00.00 hrs of 01.10.15.

xxiii) As informed by ERLDC, Scheduling of Dagachu Hydro Power Station of Bhutan started w.e.f 21.02.2015. TPTCL, being the nodal agency for this power transaction, shall be the pool member for the purpose of Deviation Pool Account.

xxiv) As informed by ERLDC, power export to Nepal started w.e.f 17.02.16 through 132kV Muzaffarpur(IND) - Dhalkebar (Nepal). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

xxv) No comments from ERLDC for the week have been received regarding gaming. Revision , if any, would be carried out after receipt of such comments from ERLDC.

xxvi)As per CERC order No. 1/14/2015, dated 07/08/2015, Deviation Accounting of 10MW Talcher Solar has commenced w.e.f 01/11/2015

xxvii) As per SOR of CERC (Ancillary Services Operation) Regulation 2015, DSM Accounting of VAE has been done and reflected accordingly.

xxviii) As informed by ERLDC, HVDC SASARAM has been included in the pool from the week of 22.08.2016 to 28.08.2016 and reflected accordingly.

xxix) As informed by ERLDC and as per the Deliberation of meeting held on 14/10/2016 at ERPC,VEDANTA would be treated as an Embedded customer under the jurisdiction of SLDC Odisha, w.e.f 24/10/2016.

xxx) As informed by ERLDC, 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.

xxxviii) As informed by ERLDC HVDC ALIPURDUAR is declared COD wef 00:00 Hrs of 21.09.17.

xxxix) As informed by ERLDC THEP has injected INFIRM Power from 14.10.17 to 24:00 Hrs of 17.10.17.

xxxx) Adjustment has been done due to revised schedules for the dates 13.04.17, 15.04.17, 17.04.17-20.04.17, 22.04.17,23.04.17, 24.04.17-27.04.17, 29.04.17,30.04.17

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.
09-10-17	BSPHCL	-80,939.873	-82,631.804	-2,500,289.95	-254,483.47
	JUVNL	-17,094.503	-17,638.547	-1,590,145.06	-139,112.15
	DVC	18,622.994	17,815.378	-1,564,393.53	-281,214.77
	GRIDCO	-43,822.218	-47,416.925	-5,942,666.65	-893,293.56
	SIKKIM	-1,205.359	-1,219.408	-100,094.70	0.00
	WBSETCL	-32,095.249	-30,656.983	1,461,441.02	-290,385.81
	NER	173.083	-10,848.918	-23,675,372.69	-20,144,063.57
	NR	-57,381.101	-65,939.822	-15,653,224.00	-12,014,543.93
	SR	18,954.293	2,410.175	-33,471,095.01	-27,576,558.44
	WR	-12,120.593	26,729.419	77,626,783.96	0.00
	FSTPP-I & II	25,061.422	24,715.095	-642,771.26	0.00
	KHSTPP-I	17,193.125	17,028.803	-234,103.64	0.00
	TSTPP	21,967.435	21,935.721	-5,719.89	0.00
	RANGIT	1,386.000	1,403.492	29,681.53	0.00
	CHPC	6,120.000	7,297.416	2,649,185.59	0.00
	KHPC	1,377.000	2,157.901	1,655,510.54	0.00
	THPC	15,175.500	10,665.896	-9,560,360.60	0.00
	KHSTPP-II	29,528.470	29,333.548	-273,009.36	0.00
	FSTPP-III	6,799.255	6,832.031	97,852.70	0.00
	TEESTA	12,096.000	12,441.818	802,733.87	0.00
	MATHON R/B	19,089.250	19,350.945	752,741.36	0.00
	BARH	21,457.388	21,122.400	-636,099.982	-1,685.96
	NVVN-NEPAL	-1,913.021	-2,046.854	-349,366.091	0.00
	APNRL	5,478.932	5,508.582	115,702.657	0.00
	GMRKEL	3,716.405	3,959.054	775,198.966	0.00
	JITPL	10,979.277	10,966.982	21,132.35	0.00
	TPTCL	2,672.981	2,166.211	-1,093,809.17	0.00
	BRBCL	2,766.421	2,745.036	-37,140.545	-12,353.64
	TALCHER SOLAR	45.728	47.715	17,941.43	0.00
	JORETHANG HEP	2,198.635	2,037.472	-299,044.19	0.00
	IND Barath	0.000	-9.745	-20,516.52	0.00
	HVDC SASARAM	-26.233	-0.797	53,839.503	0.00
	VAE	-5,447.705	0.000	9,670,314.146	0.00
	NVVN	-9,540.689	-9,033.200	191,615.528	-11,182.52
	CHUZACHEN	1,898.584	1,871.333	-109,222.093	0.00
	TUL	21,049.123	21,057.309	133,370.037	0.00
DIKCHU	1,797.978	1,781.818	-16,242.424	0.00	
THEP_INFIRM	0.000	0.000	0.000	0.00	
HVDC ALIPURDUJAR	-43.082	-25.392	35,435.534	0.00	
10-10-17	BSPHCL	-78,017.708	-76,614.334	1,866,379.81	-16,990.45
	JUVNL	-16,482.444	-15,927.649	933,739.92	-49,390.81
	DVC	14,426.439	16,010.983	948,563.48	-128,410.93
	GRIDCO	-42,046.113	-46,557.352	-9,875,583.97	-1,170,213.27
	SIKKIM	-1,075.183	-1,249.815	-492,307.14	0.00
	WBSETCL	-26,074.563	-28,705.941	-7,432,059.54	-1,624,456.61
	NER	550.558	-11,594.963	-29,878,529.71	-25,762,204.75
	NR	-71,029.033	-69,949.082	397,699.09	-4,933,930.79
	SR	18,319.108	1,296.411	-40,707,845.46	-34,637,072.61
	WR	-11,065.015	19,370.036	75,173,898.42	0.00
	FSTPP-I & II	31,414.513	30,989.813	-955,222.46	0.00
	KHSTPP-I	17,781.212	17,604.381	-180,517.75	0.00
	TSTPP	21,923.456	21,912.254	39,485.79	0.00
	RANGIT	1,324.250	1,359.402	66,836.33	0.00
	CHPC	5,598.500	7,022.826	3,204,734.58	0.00
	KHPC	528.000	2,127.449	3,390,831.46	0.00
	THPC	14,939.000	10,264.556	-9,909,820.40	0.00
	KHSTPP-II	30,692.883	30,581.910	-81,788.687	0.00
	FSTPP-III	7,834.983	7,767.714	-94,175.115	0.00
	TEESTA	11,172.000	11,510.000	964,429.652	0.00
	MATHON R/B	21,159.355	21,247.491	337,111.996	0.00
	BARH	19,135.625	19,085.345	-25,051.591	0.00
	NVVN-NEPAL	-1,913.021	-2,329.594	-945,939.624	-164.54
	APNRL	5,903.932	5,852.145	-116,249.471	0.00
	GMRKEL	3,732.774	4,061.745	1,149,159.762	0.00
	JITPL	11,059.382	11,017.745	-158,010.129	0.00
	TPTCL	2,310.990	1,988.496	-796,896.74	0.00
	BRBCL	3,547.282	3,744.509	419,487.465	0.00
	TALCHER SOLAR	40.410	36.942	-34,170.510	0.00
	JORETHANG HEP	2,306.572	2,074.368	-435,265.099	0.00
	IND Barath	0.000	-8.145	-20,060.667	0.00
	HVDC SASARAM	-26.233	-0.838	62,587.199	0.00
	VAE	-4,700.385	0.000	11,125,522.679	0.00
	NVVN	-12,072.577	-12,094.109	-55,921.006	0.00
	CHUZACHEN	1,985.339	1,882.657	-299,583.692	0.00
	TUL	20,951.054	20,861.818	491,662.076	0.00
DIKCHU	1,775.126	2,027.091	558,405.272	0.00	
THEP_INFIRM	0.000	0.000	0.000	0.00	
HVDC ALIPURDUJAR	-36.679	-25.178	28,138.733	0.00	
11-10-17	BSPHCL	-66,548.363	-67,155.762	-2,582,387.70	-322,001.61
	JUVNL	-16,374.882	-17,552.061	-3,470,578.61	-185,854.26
	DVC	16,523.905	14,445.613	-4,733,470.81	-1,773,905.70
	GRIDCO	-38,789.246	-42,437.676	-9,340,662.08	-1,064,494.20
	SIKKIM	-1,104.903	-1,270.018	-462,265.71	0.00
	WBSETCL	-38,259.965	-44,809.827	-17,270,191.94	-5,605,857.09
	NER	-116.333	-16,759.697	-43,011,025.54	-38,665,354.66
	NR	-67,842.898	-60,295.508	18,564,991.53	-718,764.01
	SR	22,758.314	-2,418.889	-62,922,728.08	-55,036,489.41
	WR	-11,271.636	34,412.945	116,716,786.31	0.00
	FSTPP-I & II	21,280.785	20,889.358	-962,766.60	0.00
	KHSTPP-I	17,482.200	17,316.562	-370,238.58	0.00
	TSTPP	20,697.550	21,069.166	1,067,404.45	0.00
	RANGIT	1,386.000	1,414.506	70,320.71	0.00
	CHPC	6,250.500	9,423.074	7,138,291.19	0.00
	KHPC	528.000	2,217.197	3,581,097.22	0.00
	THPC	19,116.000	13,772.756	-11,327,677.87	0.00
	KHSTPP-II	30,537.005	30,586.326	235,480.044	0.00
	FSTPP-III	7,089.946	7,046.642	-114,579.014	0.00
	TEESTA	12,096.000	12,540.218	1,184,646.857	0.00
	MATHON R/B	15,359.458	15,341.854	-53,327.732	-3,782.02
	BARH	19,460.791	19,426.145	-143,501.013	0.00
	NVVN-NEPAL	-1,913.021	-2,196.557	-717,239.034	-17.91
	APNRL	5,903.932	5,908.436	10,983.074	0.00
	GMRKEL	4,951.014	5,391.854	1,407,609.003	0.00
	JITPL	10,997.732	11,008.727	71,270.277	0.00
	TPTCL	2,672.981	1,901.540	-2,004,413.89	0.00
	BRBCL	3,718.491	3,846.073	338,823.261	0.00
	TALCHER SOLAR	34.570	35.723	3,091.484	0.00
	JORETHANG HEP	2,306.572	2,180.960	-288,849.529	0.00
	IND Barath	0.000	-8.073	-21,108.314	0.00
	HVDC SASARAM	-25.925	-0.995	64,958.213	0.00
	VAE	-2,846.058	0.000	7,644,656.288	0.00
	NVVN	-11,990.874	-12,017.273	-66,527.331	0.00
	CHUZACHEN	1,886.957	1,747.393	-392,678.678	0.00
	TUL	17,911.404	18,773.309	2,536,188.503	0.00
DIKCHU	1,965.622	1,789.091	-433,921.116	0.00	
THEP_INFIRM	0.000	0.000	0.000	0.00	
HVDC ALIPURDUJAR	-40.790	-26.000	38,387.931	0.00	

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

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 2 of 2
					Additional Deviation Charge in Rs.
12-10-17	BSPHCL	-73,773.621	-75,028.723	-2,702,946.41	-194,513.11
	JUVNL	-15,773.063	-17,352.395	-4,432,368.01	-221,544.09
	DVC	14,228.906	12,688.469	-4,918,870.92	-1,811,640.82
	GRIDCO	-37,178.197	-41,674.239	-10,238,193.98	-1,520,180.36
	SIKIM	-1,149.564	-1,310.377	-530,537.60	0.00
	WBSETCL	-51,907.483	-59,233.487	-20,116,310.95	-7,666,121.25
	NER	-2,090.966	-19,972.891	-48,196,972.30	-43,701,974.67
	NR	-64,433.346	-48,435.986	43,091,883.51	0.00
	SR	35,916.287	2,561.927	-87,287,449.21	-75,037,028.08
	WR	-16,058.148	35,390.401	134,205,314.88	0.00
	FSTPP-I & II	21,571.421	20,853.561	-1,771,016.17	-3,227.46
	KHSTPP-I	17,839.860	17,665.441	-364,960.51	0.00
	TSTPP	21,972.363	21,925.152	-59,223.96	0.00
	RANGIT	1,386.000	1,417.091	70,945.56	0.00
	CHPC	5,233.000	8,525.546	7,408,229.38	0.00
	KHPC	1,540.000	2,201.382	1,402,129.84	0.00
	THPC	17,235.000	12,460.930	-10,121,027.53	0.00
	KHSTPP-II	31,875.070	31,863.201	85,416.78	0.00
	FSTPP-III	7,149.301	6,939.074	-422,504.17	0.00
	TEESTA	11,172.000	11,465.200	833,605.73	-18,419.97
	MAITHON R/B	21,897.165	21,963.454	209,918.20	0.00
	BARH	17,783.875	17,516.836	-567,685.200	-242,028.83
	NVVN-NEPAL	-1,787.713	-2,345.107	-1,664,972.702	-4,742.07
	APNRL	5,893.132	5,901.963	38,685.55	0.00
	GMRKEL	5,421.621	5,738.473	1,140,404.35	0.00
	JITPL	11,006.766	10,989.527	-42,753.75	0.00
	TPTCL	1,948.999	1,831.324	-320,573.43	0.00
	BRBCL	4,016.274	4,109.018	247,576.789	0.00
	TALCHER SOLAR	40.645	33.910	-63,895.98	0.00
	JORETHANG HEP	2,198.635	1,840.256	-860,005.70	0.00
	IND Barath	0.000	-8.073	-21,624.27	0.00
	HVDC SASARAM	-26.233	-0.854	68,100.65	0.00
	VAE	-387.748	0.000	991,941.56	0.00
	NVVN	-11,211.693	-9,173.345	940,118.97	0.00
	CHUZACHEN	1,657.230	1,634.956	-44,478.20	0.00
	TUL	21,095.185	21,040.945	237,920.333	0.00
	DIKCHU	1,726.188	1,593.364	-345,059.783	0.00
	THEP_INFIRM	0.000	0.000	0.000	0.00
	HVDC ALIPURDUAR	-32.974	-26.233	19,406.346	0.00
	13/10/17	BSPHCL	-76,118.319	-79,380.454	-10,528,264.75
JUVNL		-14,949.152	-16,297.301	-4,621,978.82	-500,025.53
DVC		11,358.604	8,533.956	-8,450,077.43	-3,074,416.01
GRIDCO		-33,604.590	-38,673.989	-14,952,903.98	-2,760,916.98
SIKIM		-803.701	-1,302.512	-1,533,443.01	0.00
WBSETCL		-55,920.102	-60,347.946	-13,854,802.59	-1,822,616.05
NER		75.170	-15,963.915	-49,675,457.76	-44,511,792.00
NR		-56,223.424	-45,677.465	35,313,755.61	-876,263.00
SR		40,334.606	2,546.624	-117,975,923.87	-103,376,828.60
WR		-15,074.267	46,372.183	188,600,354.24	0.00
FSTPP-I & II		21,523.688	20,694.817	-2,189,422.43	0.00
KHSTPP-I		17,846.111	17,596.124	-646,801.88	0.00
TSTPP		11,074.163	11,085.015	-5,273.02	-177,752.19
RANGIT		1,386.000	1,417.405	80,077.51	0.00
CHPC		5,760.000	8,183.414	5,452,681.82	0.00
KHPC		1,584.000	2,101.392	1,096,871.04	0.00
THPC		16,800.000	11,960.870	-10,258,955.05	0.00
KHSTPP-II		32,737.006	32,514.910	-580,842.218	-26,570.65
FSTPP-III		6,813.103	6,183.547	-1,639,559.106	-206,560.43
TEESTA		10,374.000	10,720.654	1,011,544.999	0.00
MAITHON R/B		21,676.320	21,708.545	-17,580.848	-81.75
BARH		19,662.500	19,565.454	-247,383.763	-10,658.74
NVVN-NEPAL		-1,908.286	-2,193.350	-826,332.905	0.00
APNRL		5,893.132	5,903.345	33,784.493	0.00
GMRKEL		5,421.621	5,773.454	1,199,622.239	0.00
JITPL		10,532.289	10,539.418	31,974.973	0.00
TPTCL		1,942.715	1,773.112	-526,513.63	0.00
BRBCL		4,244.669	4,277.473	102,724.928	0.00
TALCHER SOLAR		40.508	37.710	-27,192.18	0.00
JORETHANG HEP		2,306.572	1,933.536	-1,075,408.52	0.00
IND Barath		0.000	-8.509	-26,544.31	0.00
HVDC SASARAM		-26.233	-0.753	78,761.77	0.00
VAE		-312.098	0.000	837,456.88	0.00
NVVN		-7,582.710	-4,431.273	3,602,291.085	0.00
CHUZACHEN		1,502.326	1,677.336	469,373.310	0.00
TUL		16,090.370	15,017.091	-2,921,603.794	-2,844,002.20
DIKCHU		1,384.783	1,338.000	-158,254.649	-12,186.31
THEP_INFIRM		0.000	0.000	0.000	0.00
HVDC ALIPURDUAR		-36.425	-25.617	32,315.498	0.00
14/10/17		BSPHCL	-75,948.148	-78,209.762	-5,943,427.89
	JUVNL	-16,055.460	-18,071.958	-5,219,604.62	-741,208.16
	DVC	11,513.789	7,869.417	-9,013,532.51	-4,862,535.72
	GRIDCO	-36,599.441	-41,859.903	-13,035,711.21	-2,181,782.33
	SIKIM	-1,381.113	-1,315.069	99,369.38	0.00
	WBSETCL	-49,389.365	-51,634.638	-4,967,090.28	-603,166.73
	NER	-305.567	-14,884.307	-35,747,803.38	-31,660,598.27
	NR	-61,510.951	-49,889.790	31,562,744.07	-421,011.50
	SR	44,184.218	6,563.621	-97,175,118.52	-85,438,274.16
	WR	-16,406.307	38,533.278	136,432,481.20	0.00
	FSTPP-I & II	20,181.948	19,948.271	-756,740.18	-48,093.37
	KHSTPP-I	13,607.315	13,382.258	-463,016.28	0.00
	TSTPP	17,563.750	17,605.823	172,209.86	0.00
	RANGIT	1,386.000	1,415.716	59,477.21	0.00
	CHPC	5,340.000	7,525.695	4,917,813.95	0.00
	KHPC	720.000	2,128.392	2,985,791.04	0.00
	THPC	16,572.750	10,999.549	-11,815,186.75	0.00
	KHSTPP-II	32,978.105	32,761.378	-366,995.717	0.00
	FSTPP-III	6,834.448	6,655.365	-477,678.501	-187.06
	TEESTA	11,900.000	12,247.782	854,458.973	0.00
	MAITHON R/B	23,562.000	23,567.345	21,685.776	0.00
	BARH	20,444.500	20,265.163	-450,892.023	-20,570.34
	NVVN-NEPAL	-1,908.286	-2,218.195	-711,033.311	0.00
	APNRL	5,903.932	5,901.745	3,022.482	0.00
	GMRKEL	5,414.128	5,621.891	766,094.985	0.00
	JITPL	10,655.413	10,477.673	-498,908.430	0.00
	TPTCL	1,822.051	1,774.884	-117,027.81	0.00
	BRBCL	3,302.800	3,474.000	484,306.852	0.00
	TALCHER SOLAR	36.575	31.158	-50,872.70	0.00
	JORETHANG HEP	2,306.572	1,893.568	-878,061.05	-24.97
	IND Barath	0.000	-7.855	-19,425.99	0.00
	HVDC SASARAM	-20.157	-0.692	48,162.62	0.00
	VAE	-1,418.505	0.000	3,060,953.83	0.00
	NVVN	-10,931.490	-10,396.800	779,994.975	0.00
	CHUZACHEN	1,493.175	2,079.978	1,479,221.508	0.00
	TUL	18,583.193	19,216.436	1,637,058.121	0.00
	DIKCHU	1,599.292	1,752.000	426,632.780	0.00
	THEP_INFIRM	0.000	62.240	95,026.368	0.00
	HVDC ALIPURDUAR	-40.014	-25.132	36,251.204	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.
15/10/17	BSPHCL	-75,686.957	-76,260.006	-1,464,054.71	-173,751.39
	JUVNL	-15,536.919	-17,192.833	-3,559,496.32	-708,059.64
	DVC	10,759.456	7,414.194	-7,000,450.85	-3,734,426.65
	GRIDCO	-35,569.386	-41,077.577	-10,409,455.42	-1,843,913.52
	SIKKIM	-1,133.318	-1,222.176	-159,154.18	0.00
	WBSETCL	-45,118.346	-51,766.821	-13,228,594.98	-3,850,064.64
	NER	352.390	-8,377.439	-17,064,807.78	-13,794,128.30
	NR	-61,214.955	-55,562.649	10,294,279.34	-791,479.51
	SR	30,692.077	2,568.484	-53,549,392.02	-46,252,596.82
	WR	-16,355.705	35,112.497	100,608,384.85	0.00
	FSTPP-I & II	21,415.750	21,228.829	-412,734.11	0.00
	KHSTPP-I	13,235.437	12,852.070	-710,321.09	-353.46
	TSTPP	21,708.760	21,731.527	76,331.10	0.00
	RANGIT	1,386.000	1,414.350	52,176.41	0.00
	CHPC	4,975.000	7,451.026	5,571,058.09	0.00
	KHPC	720.000	1,926.716	2,558,238.77	0.00
	THPC	15,751.250	10,890.412	-10,304,976.19	0.00
	KHSTPP-II	32,350.236	32,101.756	-408,800.147	0.00
	FSTPP-III	6,752.240	6,707.934	-64,255.743	0.00
	TEESTA	12,156.000	12,545.200	811,987.784	0.00
	MATTHON R/B	23,562.000	23,530.036	-18,244.265	0.00
	BARH	20,517.232	19,751.563	-1,564,086.273	-526,307.52
	NVVN-NEPAL	-1,198.006	-2,158.128	-1,887,871.321	-30,164.63
	APNRL	5,903.932	5,800.909	-83,683.096	0.00
	GMRKEL	5,414.128	5,459.636	250,363.815	0.00
	JITPL	10,652.116	10,568.945	-144,792.590	0.00
	TPTCL	1,942.715	1,696.117	-484,454.23	0.00
	BRBCL	3,173.630	3,330.927	260,196.134	0.00
	TALCHER SOLAR	19.123	39.483	168,988.35	0.00
	JORETHANG HEP	2,306.572	1,811.456	-873,888.91	0.00
	IND Barath	0.000	-8.945	-17,804.24	0.00
	HVDC SASARAM	-20.312	-0.628	38,610.00	0.00
	VAE	-295.458	0.000	292,836.31	0.00
	NVVN	-11,926.510	-12,016.400	-172,473.120	0.00
	CHUZACHEN	1,777.553	1,681.672	-214,854.012	-89.46
	TUL	20,844.909	20,964.073	355,690.223	0.00
	DIKCHU	1,599.292	1,614.182	31,090.326	0.00
	THEP_INFIRM	0.000	830.048	1,234,539.648	0.00
	HVDC ALIPURDUAR	-41.125	-25.426	31,209.717	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 09-10-17 TO 15/10/17	BSPHCL	-527,032.99	-535,280.85	-31,774,216.00	-2,600,322.95
	JUVNL	-112,266.42	-120,032.74	-26,257,253.00	-2,545,194.64
	DVC	97,434.09	84,778.01	-26,689,042.00	-15,666,550.59
	GRIDCO	-267,609.19	-299,693.66	-71,386,359.00	-11,434,794.23
	SIKKIM	-7,853.14	-8,889.37	-2,378,309.00	0.00
	WBSETCL	-298,765.07	-327,155.64	-83,533,936.00	-21,462,668.18
	NER	-1,361.66	-98,402.13	-247,249,969.00	0.00
	NR	-439,635.21	-395,750.30	123,572,129.00	0.00
	SR	211,158.90	15,528.35	-493,089,552.00	0.00
	WR	-98,351.67	235,920.76	829,364,004.00	0.00
	FSTPP-I & II	162,449.53	159,319.74	-7,690,673.21	-51,320.82
	KHSTPP-I	114,985.26	113,445.64	-2,969,959.72	-353.46
	KHSTPP-II	220,698.77	219,743.03	-1,390,539.31	-26,570.65
	TSTPP	136,907.48	137,264.66	1,285,214.32	-177,752.19
	FSTPP-III	49,273.28	48,167.31	-2,714,898.94	-206,747.49
	TEESTA	80,966.00	83,470.87	6,463,408.00	-18,419.97
	MATTHON R/B	146,305.55	146,709.67	1,232,304.49	-3,863.76
	RANGIT	9,640.25	9,841.96	429,515.00	0.00
	BARH	138,461.91	136,732.91	-3,634,699.85	-801,251.39
	NVVN-NEPAL	-12,541.35	-15,487.79	-7,102,755.00	-35,089.15
	APNRL	40,880.92	40,827.13	-21,754.00	0.00
	GMRKEL	34,071.69	36,006.11	6,688,453.00	0.00
	JITPL	75,882.98	75,569.02	-720,087.00	0.00
	TPTCL	15,313.43	13,131.68	-5,343,689.00	0.00
	BRBCL	24,769.57	25,527.84	1,815,974.88	-12,353.64
	TALCHER SOLAR	257.56	262.64	13,890.00	0.00
	JORETHANG HEP	15,930.13	13,771.62	-4,710,523.00	-24.97
	IND Barath	0.00	-8.945	-147,084.00	0.00
	HVDC SASARAM	-171.33	-0.56	415,020.00	0.00
	VAE	-15,407.96	0.00	33,623,681.69	0.00
	NVVN-BD	-75,256.54	-69,162.40	5,219,099.00	-11,182.52
	CHUZACHEN	12,201.16	12,575.32	887,778.00	-89.46
	TUL	136,525.24	136,930.98	2,470,285.50	-2,844,002.20
	DIKCHU	11,848.28	11,895.54	62,650.41	-12,186.31
	THEP_INFIRM	0.00	892.29	1,329,566.02	0.00
	HVDC ALIPURDUAR	-271.09	-178.98	221,145.00	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: 30/10/2017

RRAS Account for Week: 09-Oct-17 to 15-Oct-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	3090.92100	2630372	9204763	1545461	13380595
2	FSTPP-III	2216.96100	3380865	6657534	1108480	11146881
3	KHSTPP-I	775.93500	798438	1901814	387967	3088219
4	KHSTPP-II	4374.23800	4829158	10248839	2187121	17265119
5	TSTPP-I	285.11900	266302	386622	142560	795483
6	BARH	3710.49300	6920069	9357863	1855247	18133177
7	BRBCL	1306.16300	3840121	3591949	653082	8085151

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	0.00000	0	0
2	FSTPP I & II	19.00000	56582	42437
3	FSTPP-III	9.25000	27778	20833
4	KHSTPP-I	0.00000	0	0
5	KHSTPP-II	0.00000	0	0
6	TSTPP-I	0.00000	0	0
7	BARH	0.00000	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	3090.92100	626841	BSPHCL
			34529	JUVNL
			19803	DVC
			1747505	WBSETCL
			8864	NVVN-BD
			126555	ASSAM
			34544	DELHI
			6161	HARYANA
			25250	PUNJAB
			320	RAJASTHAN
2	FSTPP-III	2216.96100	1214208	BSPHCL
			164203	JUVNL
			156902	DVC
			1845310	WBSETCL
			242	ASSAM
3	KHSTPP-I	775.93500	552390	BSPHCL
			47477	WBSETCL
			29029	NVVN-BD
			29796	ASSAM
			91378	DELHI
			45197	HARYANA
			3171	RAJASTHAN
4	KHSTPP-II	4374.23800	128724	BSPHCL
			30537	DVC
			285449	WBSETCL
			111207	NVVN-BD
			619215	ASSAM
			443311	CHATTISGARH
			512211	DELHI
			44523	GUJARAT
			40798	HARYANA
			102817	HP
			2070283	MAHARASHTRA
			337044	MP
			51015	RAJASTHAN
			52024	UTTARAKHAND
5	TSTPP-I	285.11900	235947	BSPHCL
			26402	WBSETCL
			3953	NVVN-BD
6	BARH	3710.49300	6871576	BSPHCL
			48493	JUVNL
7	BRBCL	1306.16300	62209	DVC_Railway
			3777912	MAHARASHTRA

A) RRAS settlement account for the week 09-Oct-17 to 15-Oct-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-1 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.