



सत्यमेव जयते

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  
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NO: ERPC/COM-II/ABT-DC

Date: 07.03.2018

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 12.02.2018 to 18.02.2018.**

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,

**(J.BANDYOPADHYAY)**  
**MEMBER SECRETARY**

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

**ABT based Deviation Charge Account  
For the period 12.02.18 TO 18.02.18**

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
GRIDCO	770.97544	123.52186	894.49730	DVC	76.69611	5.84466	70.85145
WBSETCL	482.48639	49.21061	531.69701	HVDC ALIPURDUAR	5.76376	0.02156	5.74221
JUVNL	259.42622	16.38173	275.80794	HVDC SASARAM	0.64423	0.00217	0.64205
BSPHCL	194.54268	6.58560	201.12828	WR	3001.20123	0.00000	3001.20123
SIKKIM	3.65350	0.00878	3.66228	NER	1945.66294	0.00000	1945.66294
SR	1881.75546	0.00000	1881.75546	MAITHON R/B	23.43172	0.03562	23.39610
NR	1584.50023	0.00000	1584.50023	BRBCL	8.76489	0.08864	8.67625
NVVN-NEPAL	49.74182	0.00000	49.74182	TEESTA	25.15360	0.30428	24.84932
NVVN-BD	4.88992	1.58743	6.47735	RANGIT	4.11868	0.00282	4.11586
FSTPP I&II	30.62615	0.00000	30.62615	Teesta-III(TUL)	3.22839	0.00140	3.22698
BARH	18.77921	1.12989	19.90910	DIKCHU	2.53063	0.00000	2.53063
GMRKEL	10.96245	0.02297	10.98541	APNRL	4.22353	0.00701	4.21652
KHSTPP-I	10.83282	0.14971	10.98253	JITPL	2.90848	0.01468	2.89380
KHSTPP-II	9.08069	0.01707	9.09776	TALCHER SOLAR	1.13410	0.00000	1.13410
TSTPP	3.40533	0.00000	3.40533				
FSTPP-III	1.29027	0.00000	1.29027				
TPTCL	14.35029	0.00000	14.35029				
THEP	10.11922	0.00818	10.12741				
JORETHANG LOOP HEP	6.93358	0.00149	6.93507				
CHUZACHEN	0.10885	0.00000	0.10885				
IND BARATH	1.42238	0.00000	1.42238				
OPGC_INFIRM	0.17300	0.00000	0.17300				
<b>TOTAL</b>	<b>5350.05590</b>	<b>198.62532</b>	<b>5548.68122</b>		<b>5105.46229</b>	<b>6.32285</b>	<b>5099.13944</b>

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

**204.94817**

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>5350.05590</b>
<b>Payable from the pool(B):</b>	<b>5105.46229</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>244.59361</b>
<b>Additional Deviation Amount:</b>	<b>204.94817</b>
<b>VAE of Eastern Region:</b>	<b>194.18143</b>

**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:** Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
- d) **North Eastern Region:** NER end of 220 kV Birpara -Salakati D/C and 400 kV Binaguri - Bongaigaon D/C lines.

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

**iii) Deviation charges for the week has been calculated as per amendment of CERC ( Deviation Settlement Mechanism and related matters) Regulation,Notification no. No.L-1/132/2013/CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated.**

iv) CHPC, KHPC and THPC are not covered under ABT. Hence Deviation energy (mwh) of these stations have been adjusted by giving credits/debits to ER beneficiaries as per their shares from these stations.

v) ER-NR tie schedule has been modified to the extent of 15% of deviation energy of TALA HEP (after incorporating ER transmission loss of % 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 Behrampur(IND) - Bheramara(BANGLADESH). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.

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

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

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

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

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

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

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

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

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

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

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

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

**xxx) As informed by ERLDC, Unit-01 of BRBCL Nabinagar is declared Commercial Operational wef 00:00 Hrs of 15.01.17.**

**xxxi) As informed by ERLDC, TUL unit-02, 03 & 04 declared COD wef 00:00 Hrs of 23.02.17. TUL Unit 01, 05 & 06 declared COD wef 00:00 Hrs of 28.02.17.**

**xxxii) As decided in the special meeting held on 25.01.17 at ERPC Kolkata , the jurisdiction of KBUNL Stage-II is to be shifted from ERLDC to SLDC Bihar immediately w.e.f 06.02.2017 to enable full load trial operation.**

**xxxiii) As 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) As informed by ERLDC THEP Unit-01 & 02 both declared COD wef 00:00 Hrs of 18.10.17**

**xxxxi) As informed by ERLDC OPGC (2\*660 MW), new Pool Member of ER, has started drawing power in small quantity from 15.01.18.**

**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
12-02-18	<b>BSPHCL</b>	<b>-63,487.477</b>	<b>-61,532.949</b>	<b>37,08,897.64</b>	<b>-17,210.58</b>
	JUVNL	-16,378.063	-17,423.704	-21,99,861.85	-92,386.96
	DVC	40,002.267	41,863.872	32,05,201.74	-1,14,211.87
	GRIDCO	-37,694.353	-41,853.566	-92,30,207.15	-11,99,936.17
	SIKKIM	-1,538.517	-1,638.536	-2,44,882.92	-878.06
	WBSETCL	-14,559.981	-16,083.407	-30,01,492.96	-4,57,857.79
	NER	-3,542.626	2,353.954	1,72,48,704.96	-57,12,739.72
	NR	-49,285.767	-52,331.790	-1,22,15,997.34	-1,42,28,555.80
	SR	-26,880.265	-40,674.991	-2,88,30,497.74	-1,99,87,014.22
	WR	-1,661.620	16,742.793	3,88,95,980.85	-3,38,846.48
	FSTPP-I & II	31,310.171	31,230.225	-1,54,297.94	0.00
	KHSTPP-I	10,213.340	10,108.283	-2,77,556.31	-2,232.07
	TSTPP	22,507.500	22,521.513	1,02,247.64	0.00
	RANGIT	417.000	431.926	36,246.00	-222.14
	CHPC	819.760	-244.438	-23,94,444.47	0.00
	KHPC	332.080	-289.332	-13,17,393.44	0.00
	THPC	858.880	-171.131	-21,83,623.73	0.00
	KHSTPP-II	25,946.624	25,745.518	-3,78,743.46	0.00
	FSTPP-III	8,731.514	8,728.938	36,611.90	0.00
	TEESTA	2,078.000	2,189.964	2,40,971.90	-30,427.65
	MAITHON R/B	22,280.875	22,309.418	97,141.98	0.00
	BARH	28,625.965	28,212.981	-4,98,186.637	0.00
	NVNV-NEPAL	-2,594.180	-2,927.318	-7,69,265.860	0.00
	APNRL	5,903.713	5,903.927	48,078.425	0.00
	GMRKEL	12,174.711	11,972.654	-2,22,365.654	-93.21
	JITPL	10,341.946	10,330.109	-72,384.13	0.00
	TP TCL	513.987	419.967	-2,12,059.55	0.00
	BRBCL	4,244.503	4,364.818	2,02,424.038	-6,531.25
	TALCHER SOLAR	44.730	44.436	-2,859.00	0.00
	JORETHANG HEP	384.561	333.376	-58,245.50	-23.39
	IND Barath	0.000	-10.327	-21,517.42	0.00
	HVDC SASARAM	-19.187	-15.117	9,041.972	-67.40
	VAE	1,040.800	0.000	-14,31,639.723	0.00
	NVNV	-10,003.475	-10,086.182	-1,18,668.874	-31,676.40
	CHUZACHEN	0.000	-3.151	-6,779.875	0.00
	TUL	4,284.000	4,273.891	9,775.032	0.00
	DIKCHU	139.627	147.000	14,146.010	0.00
	THEP	476.856	370.112	-1,76,954.871	-44.88
	HVDC ALIPURDUAR	-55.218	-11.644	94,804.040	-766.44
	OPGC INFIRM	0.000	-1.382	-2,945.909	0.00
13/02/18	<b>BSPHCL</b>	<b>-61,115.798</b>	<b>-61,163.603</b>	<b>-6,46,228.68</b>	<b>-12,667.24</b>
	JUVNL	-16,135.101	-17,112.784	-23,28,662.24	-1,32,478.47
	DVC	41,977.983	43,544.022	35,26,684.47	0.00
	GRIDCO	-32,604.492	-37,770.121	-1,09,88,021.21	-17,70,915.60
	SIKKIM	-1,434.875	-1,699.154	-6,11,271.45	0.00
	WBSETCL	-15,392.060	-17,239.903	-38,73,782.15	-10,17,856.63
	NER	-3,152.961	7,909.318	2,50,79,235.85	0.00
	NR	-50,533.203	-57,789.872	-1,59,81,809.68	-1,41,61,161.50
	SR	-31,063.293	-43,108.201	-2,72,94,399.19	-1,81,69,199.56
	WR	-3,960.055	13,655.660	3,72,71,771.62	0.00
	FSTPP-I & II	30,818.353	30,412.572	-7,14,089.75	0.00
	KHSTPP-I	10,413.477	10,376.797	-37,700.18	-670.65
	TSTPP	22,603.200	22,573.630	-55,704.85	0.00
	RANGIT	167.250	211.096	81,225.39	0.00
	CHPC	819.760	-235.557	-23,74,462.75	0.00
	KHPC	332.080	-378.108	-15,05,598.56	0.00
	THPC	858.880	-164.914	-21,70,442.66	0.00
	KHSTPP-II	27,148.994	26,989.215	-1,85,058.543	0.00
	FSTPP-III	8,756.132	8,729.136	-54,220.941	0.00
	TEESTA	1,872.000	2,000.764	3,14,247.956	0.00
	MAITHON R/B	22,119.875	22,190.581	1,51,360.421	0.00
	BARH	29,260.400	28,998.327	-2,88,456.070	0.00
	NVNV-NEPAL	-2,594.180	-2,812.925	-5,15,805.455	0.00
	APNRL	5,903.713	5,904.654	46,480.099	0.00
	GMRKEL	11,683.957	11,597.963	-19,789.938	0.00
	JITPL	10,008.061	10,038.327	33,432.384	0.00
	TP TCL	534.139	420.459	-2,48,910.98	0.00
	BRBCL	4,463.553	4,492.691	54,972.427	0.00
	TALCHER SOLAR	43.235	41.663	-14,697.265	0.00
	JORETHANG HEP	384.561	274.144	-1,92,364.297	-21.93
	IND Barath	0.000	-9.673	-20,884.026	0.00
	HVDC SASARAM	-19.187	-15.058	9,378.832	0.00
	VAE	-1,228.135	0.000	32,65,035.212	0.00
	NVNV	-10,014.786	-9,962.109	19,724.759	-10,251.94
	CHUZACHEN	0.000	-1.632	-4,012.360	0.00
	TUL	4,254.980	4,209.745	-17,595.298	-140.43
	DIKCHU	191.466	197.636	18,462.298	0.00
	THEP	457.531	354.176	-1,53,515.115	-422.41
	HVDC ALIPURDUAR	-55.218	-10.627	98,713.491	0.00
	OPGC INFIRM	0.000	-1.455	-3,427.740	0.00
14/02/18	<b>BSPHCL</b>	<b>-59,623.467</b>	<b>-60,363.448</b>	<b>-19,11,400.90</b>	<b>-1,11,138.80</b>
	JUVNL	-14,890.904	-15,925.933	-22,56,510.30	-3,12,295.70
	DVC	42,151.866	44,039.956	25,23,536.35	-1,73,349.75
	GRIDCO	-33,237.513	-37,968.167	-92,12,380.17	-14,62,927.61
	SIKKIM	-1,444.977	-1,325.776	1,99,084.96	0.00
	WBSETCL	-16,238.547	-18,689.714	-44,45,528.39	-8,85,582.83
	NER	-4,399.938	6,053.283	2,04,52,605.13	-1,70,818.04
	NR	-52,444.282	-55,305.991	-70,43,458.61	-80,38,854.84
	SR	-31,930.649	-42,396.515	-2,10,90,067.23	-1,35,91,613.51
	WR	3,470.813	16,451.556	2,62,90,966.70	-5,92,305.30
	FSTPP-I & II	29,600.046	29,379.291	-4,12,579.72	0.00
	KHSTPP-I	10,522.941	10,482.454	-75,334.11	-6,619.43
	TSTPP	22,592.243	22,541.671	-13,692.61	0.00
	RANGIT	441.000	478.075	72,570.09	0.00
	CHPC	816.000	85.965	-16,42,578.91	0.00
	KHPC	456.000	-238.262	-14,71,836.29	0.00
	THPC	1,176.000	60.184	-23,65,529.41	0.00
	KHSTPP-II	26,652.514	26,524.217	-2,38,240.471	-1,707.10
	FSTPP-III	8,677.817	8,628.708	-62,622.550	0.00
	TEESTA	1,872.000	2,002.618	3,00,943.040	0.00
	MAITHON R/B	21,462.750	21,422.727	-17,346.526	-1,877.08
	BARH	26,404.690	25,905.818	-4,23,366.822	-10,809.64
	NVNV-NEPAL	-2,594.180	-2,934.470	-6,98,616.427	0.00
	APNRL	5,903.713	5,892.654	15,662.505	0.00
	GMRKEL	11,618.094	11,396.800	-88,883.910	0.00
	JITPL	9,512.422	9,600.291	1,28,603.210	-1,415.18
	TP TCL	534.139	416.332	-2,27,534.00	0.00
	BRBCL	4,363.643	4,415.073	80,884.932	-2,332.87
	TALCHER SOLAR	44.518	51.525	65,518.723	0.00
	JORETHANG HEP	384.561	377.824	3,282.405	-8.43
	IND Barath	0.000	-9.600	-18,106.725	0.00
	HVDC SASARAM	-19.156	-15.253	7,758.603	-56.18
	VAE	-616.865	0.000	13,99,451.034	0.00
	NVNV	-10,001.444	-10,050.291	-1,35,274.604	-46,823.19
	CHUZACHEN	0.000	-1.663	-3,153.104	0.00
	TUL	3,895.885	3,847.054	-4,598.871	0.00
	DIKCHU	167.532	173.273	11,001.668	0.00
	THEP	463.362	365.920	-1,64,998.750	-104.84
	HVDC ALIPURDUAR	-50.364	-15.004	68,128.631	-756.83
	OPGC INFIRM	0.000	-1.236	-2,483.656	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.
15/02/18	<b>BSPHCL</b>	<b>-59,546.592</b>	<b>-61,377.795</b>	<b>-43,05,236.37</b>	<b>-1,63,282.00</b>
	JUVNL	-15,062.672	-16,819.029	-40,82,583.59	-4,21,433.21
	DVC	43,803.469	44,667.604	23,70,863.07	-15,200.69
	GRIDCO	-32,295.958	-37,940.338	-1,28,93,073.11	-31,76,608.32
	SIKKIM	-1,427.433	-1,218.703	4,57,574.14	0.00
	WBSETCL	-16,600.154	-18,569.350	-41,37,374.43	-6,59,884.94
	NER	-3,301.604	6,965.351	2,39,57,152.23	0.00
	NR	-52,484.386	-58,009.508	-1,72,05,437.83	-1,47,70,099.24
	SR	-37,443.512	-42,561.002	-96,99,236.33	-91,68,442.41
	WR	3,946.969	16,643.757	2,80,43,543.56	-79,436.37
	FSTPP-I & II	30,151.815	29,871.359	-5,71,984.21	0.00
	KHSTPP-I	11,113.113	11,050.275	-1,27,484.41	0.00
	TSTPP	22,598.817	22,561.470	-49,148.99	0.00
	RANGIT	337.500	348.514	33,815.50	0.00
	CHPC	816.000	-326.162	-25,69,863.86	0.00
	KHPC	456.000	-328.871	-16,63,926.10	0.00
	THPC	1,176.000	-228.346	-29,77,214.43	0.00
	KHSTPP-II	28,991.098	28,956.938	-59,988.24	0.00
	FSTPP-III	8,472.073	8,444.604	-33,140.44	0.00
	TEESTA	1,992.000	2,142.036	2,98,365.55	0.00
	MAITHON R/B	21,828.688	22,046.218	6,10,412.19	0.00
	BARH	24,668.686	24,623.672	17,289.049	0.00
	NVVN-NEPAL	-2,594.180	-2,952.259	-8,07,570.889	0.00
	APNRL	5,903.713	5,932.654	81,250.61	0.00
	GMRKEL	11,616.346	11,486.036	1,00,787.35	0.00
	JITPL	9,595.601	9,652.218	1,09,153.83	0.00
	TP TCL	534.139	414.275	-2,73,316.63	0.00
	BRBCL	4,590.074	4,675.127	1,96,099.935	0.00
	TALCHER SOLAR	49.028	53.692	43,600.64	0.00
	JORETHANG HEP	384.561	277.952	-1,76,557.44	-25.28
	IND Barath	0.000	-9.455	-21,812.37	0.00
	HVDC SASARAM	-19.187	-14.959	9,736.25	0.00
	VAE	-1,347.603	0.000	33,77,835.55	0.00
	NVVN	-10,001.040	-10,044.763	-1,51,971.63	-35,356.80
	CHUZACHEN	0.000	-1.804	-4,424.83	0.00
	TUL	4,283.115	4,235.127	6,952.256	0.00
	DIKCHU	167.532	196.091	67,515.366	0.00
	THEP	452.821	362.464	-1,15,421.127	-21.67
	HVDC ALIPURDUAR	-45.977	-13.456	74,743.053	0.00
	OPGC_INFIRM	0.000	-0.727	-1,639.354	0.00
16/02/18	<b>BSPHCL</b>	<b>-61,009.715</b>	<b>-61,979.840</b>	<b>-28,63,382.74</b>	<b>-3,04,961.61</b>
	JUVNL	-15,480.494	-17,023.842	-39,26,081.67	-2,92,328.63
	DVC	47,397.579	48,195.559	11,54,013.35	-2,51,237.95
	GRIDCO	-30,893.292	-35,113.595	-94,96,069.69	-12,34,830.01
	SIKKIM	-1,472.670	-1,465.623	4,475.04	0.00
	WBSETCL	-19,398.580	-21,081.614	-44,20,946.99	-8,16,254.53
	NER	-4,564.816	10,176.061	3,35,73,049.46	-2,55,320.25
	NR	-54,383.183	-68,231.046	-2,92,97,954.80	-2,36,58,707.74
	SR	-23,389.161	-36,339.680	-3,13,53,406.18	-2,77,02,273.90
	WR	-15,601.739	7,109.391	5,21,20,847.61	-5,28,276.97
	FSTPP-I & II	33,524.329	33,336.987	-4,11,591.83	0.00
	KHSTPP-I	11,544.279	11,472.285	-1,72,238.67	-4,740.16
	TSTPP	22,602.801	22,528.597	-1,26,498.11	0.00
	RANGIT	373.500	393.756	63,590.57	-59.81
	CHPC	816.000	-525.551	-30,18,490.71	0.00
	KHPC	456.000	-308.592	-16,20,935.04	0.00
	THPC	1,176.000	-367.940	-32,73,151.80	0.00
	KHSTPP-II	29,750.694	29,672.059	-59,786.108	0.00
	FSTPP-III	8,783.638	8,754.793	-61,400.700	0.00
	TEESTA	2,152.000	2,344.764	4,01,025.141	0.00
	MAITHON R/B	22,142.000	22,222.254	2,16,234.408	-1,684.92
	BARH	24,711.500	24,586.690	-97,852.439	0.00
	NVVN-NEPAL	-2,594.180	-2,972.362	-8,85,576.849	0.00
	APNRL	5,903.713	5,942.982	1,05,380.727	-701.13
	GMRKEL	11,771.175	11,579.127	-81,342.572	-107.45
	JITPL	9,550.703	9,644.291	2,29,180.199	-53.30
	TP TCL	534.139	418.324	-2,64,036.53	0.00
	BRBCL	4,646.279	4,750.000	2,15,379.534	0.00
	TALCHER SOLAR	49.050	49.846	7,443.07	0.00
	JORETHANG HEP	384.561	342.336	-62,626.76	-25.58
	IND Barath	0.000	-8.655	-19,897.67	0.00
	HVDC SASARAM	-19.187	-14.983	9,738.50	-93.83
	VAE	-1,084.013	0.000	27,94,648.74	0.00
	NVVN	-7,711.851	-7,690.182	16,174.337	-7,444.16
	CHUZACHEN	0.000	-2.584	-5,804.713	0.00
	TUL	4,606.408	4,617.527	1,29,292.058	0.00
	DIKCHU	215.399	237.636	58,407.707	0.00
	THEP	455.927	359.872	-1,04,719.567	-197.87
	HVDC ALIPURDUAR	-46.203	-13.374	75,330.524	-632.41
	OPGC_INFIRM	0.000	-0.873	-1,714.495	0.00
17/02/18	<b>BSPHCL</b>	<b>-60,828.671</b>	<b>-61,775.031</b>	<b>-27,84,546.51</b>	<b>-44,886.08</b>
	JUVNL	-15,878.140	-17,034.909	-30,84,425.51	-1,14,513.48
	DVC	47,442.548	47,994.238	12,15,463.40	-30,465.87
	GRIDCO	-28,258.283	-33,282.412	-1,20,45,836.49	-23,74,428.45
	SIKKIM	-1,545.440	-1,551.947	-92,384.74	0.00
	WBSETCL	-19,573.844	-21,402.979	-38,71,664.62	-4,15,787.36
	NER	-3,868.003	12,720.403	4,10,42,215.25	0.00
	NR	-56,959.992	-73,666.045	-4,19,93,929.72	-3,06,26,527.34
	SR	-15,674.477	-29,952.917	-3,74,17,341.07	-3,09,84,313.96
	WR	-27,626.449	-3,245.319	6,20,94,428.87	0.00
	FSTPP-I & II	34,727.858	34,550.549	-3,73,483.32	0.00
	KHSTPP-I	11,297.127	11,227.251	-1,73,639.17	-310.83
	TSTPP	22,614.887	22,512.867	-2,29,613.73	0.00
	RANGIT	346.500	370.816	71,042.02	0.00
	CHPC	1,050.000	-532.620	-35,60,894.83	0.00
	KHPC	340.000	-306.752	-13,71,115.09	0.00
	THPC	1,740.000	-372.888	-44,79,322.99	0.00
	KHSTPP-II	29,798.291	29,817.413	1,27,364.098	0.00
	FSTPP-III	9,418.399	9,445.596	92,915.135	0.00
	TEESTA	2,472.000	2,682.327	5,43,193.340	0.00
	MAITHON R/B	22,060.625	22,263.636	5,06,976.399	0.00
	BARH	27,035.024	26,713.854	-5,64,391.015	-1,02,179.20
	NVVN-NEPAL	-2,549.012	-2,883.523	-8,56,886.948	0.00
	APNRL	5,903.713	5,941.818	1,17,143.130	0.00
	GMRKEL	11,887.894	11,792.582	1,34,421.172	0.00
	JITPL	11,655.045	11,639.563	-71,705.698	0.00
	TP TCL	461.664	415.918	-1,11,838.63	0.00
	BRBCL	4,625.523	4,633.854	32,964.137	0.00
	TALCHER SOLAR	51.190	54.141	27,594.66	0.00
	JORETHANG HEP	384.561	323.936	-1,31,291.07	-29.02
	IND Barath	0.000	-9.164	-22,481.78	0.00
	HVDC SASARAM	-19.187	-14.778	10,872.89	0.00
	VAE	-2,996.590	0.000	77,05,459.74	0.00
	NVVN	-9,108.410	-9,110.073	-82,189.118	-9,059.75
	CHUZACHEN	0.000	-2.882	-7,072.063	0.00
	TUL	5,062.760	5,071.054	1,20,530.781	0.00
	DIKCHU	233.731	255.909	62,519.278	0.00
	THEP	455.927	364.896	-1,39,186.724	0.00
	HVDC ALIPURDUAR	-52.653	-12.554	98,504.037	0.00
	OPGC_INFIRM	0.000	-1.309	-3,571.099	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 3 of 3
					Additional Deviation Charge in Rs.
18/02/18	BSPHCL	-61,602.342	-61,254.197	2,08,294.17	-4,413.59
	JUVNL	-15,420.499	-17,143.255	-36,77,312.41	-2,72,736.21
	DVC	49,348.287	50,198.949	19,09,955.04	0.00
	GRIDCO	-38,012.343	-42,659.204	-94,58,851.40	-11,32,540.16
	SIKKIM	-1,489.422	-1,279.884	3,42,970.22	0.00
	WBSETCL	-17,231.113	-19,887.417	-54,94,901.58	-6,67,837.38
	NER	-3,325.835	13,150.013	3,32,13,331.52	0.00
	NR	-55,210.465	-71,925.500	-3,47,11,435.43	-2,78,48,835.10
	SR	-6,246.854	-22,205.302	-3,24,90,598.37	-2,90,20,341.92
	WR	-30,232.948	-3,342.361	5,54,02,584.07	0.00
	FSTPP-I & II	34,209.714	33,924.860	-4,24,588.13	0.00
	KHSTPP-I	11,686.808	11,540.125	-2,19,329.27	-397.46
	TSPP	22,614.157	22,600.397	31,877.31	0.00
	RANGIT	355.500	374.509	53,377.94	0.00
	CHPC	1,060.000	-527.448	-35,71,757.82	0.00
	KHPC	300.000	-312.412	-12,98,312.59	0.00
	THPC	1,000.000	-369.267	-29,02,846.61	0.00
	KHSTPP-II	31,057.394	30,935.154	-1,13,616.577	0.00
	FSTPP-III	9,519.320	9,488.812	-47,169.748	0.00
	TEESTA	2,552.000	2,769.709	4,16,613.002	0.00
	MAITHON R/B	22,218.875	22,517.709	7,78,392.733	0.00
	BARH	24,650.160	24,564.654	-22,957.038	0.00
	NVVN-NEPAL	-2,547.049	-2,807.789	-4,40,459.085	0.00
	APNRL	5,903.713	5,892.436	8,357.659	0.00
	GMRKEL	11,737.929	11,078.545	-9,19,070.963	-2,096.26
	JITPL	11,214.925	11,187.927	-65,431.564	0.00
	TPTCL	461.664	413.629	-97,332.51	0.00
	BRCL	4,307.319	4,332.127	93,763.912	0.00
	TALCHER SOLAR	48.863	47.452	-13,190.51	0.00
	JORETHANG HEP	384.561	312.800	-75,555.39	-15.18
	IND Barath	0.000	-8.509	-17,538.41	0.00
	HVDC SASARAM	-18.914	-14.906	7,895.84	0.00
	VAE	-1,149.088	0.000	23,07,352.49	0.00
	NVVN	-10,391.626	-10,374.400	-36,786.840	-18,130.83
	CHUZACHEN	44.913	66.414	20,362.335	0.00
	TUL	3,685.126	3,694.618	78,482.562	0.00
	DIKCHU	191.466	201.273	21,010.818	0.00
	THEP	455.927	351.776	-1,57,126.215	-26.70
	HVDC ALIPURDUAR	-46.292	-13.562	66,152.549	0.00
	OPGC INFIRM	0.000	-0.727	-1,518.103	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 12-02-18 TO 18/02/18	BSPHCL	-4,27,214.06	-4,29,446.86	-1,94,54,268.00	-6,58,559.89
	JUVNL	-1,09,245.87	-1,18,483.46	-2,59,42,622.00	-16,38,172.65
	DVC	3,12,124.00	3,20,504.20	76,69,611.00	-5,84,466.13
	GRIDCO	-2,32,996.23	-2,66,587.40	-7,70,97,544.00	-1,23,52,186.33
	SIKKIM	-10,353.33	-10,179.62	-3,65,350.00	-878.06
	WBSETCL	-1,18,994.28	-1,32,954.38	-4,82,48,639.00	-49,21,061.45
	NER	-26,155.78	59,328.38	19,45,66,294.00	0.00
	NR	-3,71,301.28	-4,37,259.75	-15,84,50,023.00	0.00
	SR	-1,72,628.21	-2,57,238.61	-18,81,75,546.00	0.00
	WR	-71,665.03	64,015.48	30,01,20,123.00	0.00
	FSTPP-I & II	2,24,342.29	2,22,705.84	-30,62,614.91	0.00
	KHSTPP-I	76,791.09	76,257.47	-10,83,282.13	-14,970.59
	KHSTPP-II	1,99,345.61	1,98,640.51	-9,08,069.30	-1,707.10
	TSPP	1,58,133.61	1,57,840.15	-3,40,533.33	0.00
	FSTPP-III	62,358.89	62,220.59	-1,29,027.35	0.00
	TEESTA	14,990.00	16,132.18	25,15,360.00	-30,427.65
	MAITHON R/B	1,54,113.69	1,54,972.54	23,43,171.61	-3,562.01
	RANGIT	2,438.25	2,608.69	4,11,868.00	-281.95
	BARH	1,85,356.42	1,83,606.00	-18,77,920.97	-1,12,988.84
	NVVN-NEPAL	-18,066.96	-20,290.65	-49,74,182.00	0.00
	APNRL	41,325.99	41,411.13	4,22,353.00	-701.13
	GMRKEL	82,490.11	80,903.71	-10,96,245.00	-2,296.92
	JITPL	71,878.70	72,092.73	2,90,848.00	-1,468.48
	TPTCL	3,573.87	2,918.90	-14,35,029.00	0.00
	BRCL	31,240.89	31,663.69	8,76,488.91	-8,864.12
	TALCHER SOLAR	330.61	342.76	1,13,410.00	0.00
	JORETHANG HEP	2,691.92	2,242.37	-6,93,358.00	-148.81
	IND Barath	0.00	-65.38	-1,42,238.00	0.00
	HVDC SASARAM	-134.01	-105.05	64,423.00	-217.41
	VAE	-7,381.49	0.00	1,94,18,143.04	0.00
	NVVN-BD	-67,232.63	-67,318.00	-4,88,992.00	-1,58,743.07
	CHUZACHEN	44.91	52.70	-10,885.00	0.00
	TUL	30,072.27	29,949.02	3,22,838.52	-140.43
DIKCHU	1,306.75	1,408.82	2,53,063.15	0.00	
THEP	3,218.35	2,529.22	-10,11,922.37	-818.36	
HVDC ALIPURDUAR	-351.92	-90.22	5,76,376.00	-2,155.67	
OPGC INFIRM	0.00	-7.71	-17,300.36	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: 07/03/2018

RRAS Account for Week: 12-Feb-18 to 18-Feb-18

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	818.66100	696681	1840096	409332	2946109
2	FSTPP-III	314.21900	479183	690131	157109	1326424
3	KHSTPP-I	1287.70100	1325043	3283584	643849	5252478
4	KHSTPP-II	2905.29500	3207446	7051522	1452648	11711614
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	1653.81600	3084367	3676043	826908	7587318
7	BRBCL	2265.71400	7096216	4232706	1132857	12461779

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	45.26500	86592	64944
2	FSTPP I & II	694.86750	1676744	1257558
3	FSTPP-III	165.75000	400955	300716
4	KHSTPP-I	43.90288	108177	81133
5	KHSTPP-II	52.37285	131718	98788
6	TSTPP-I	112.50000	159750	119813
7	BARH	469.50000	986171	739628

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	818.66100	151441	BSPHCL
			63056	SIKKIM
			18295	WBSETCL
			198771	ASSAM
			81315	DELHI
			22028	HARYANA
			76055	PUNJAB
			19098	RAJASTHAN
2	FSTPP-III	314.21900	66622	UP
			175424	BSPHCL
			17013	DVC
			283951	WBSETCL
3	KHSTPP-I	1287.70100	2795	ASSAM
			615408	BSPHCL
			12376	GRIDCO
			51944	WBSETCL
			11847	ASSAM
			131208	DELHI
			24396	HARYANA
			27882	J & K
			165075	PUNJAB
			68337	RAJASTHAN
4	KHSTPP-II	2905.29500	216570	UP
			99184	BSPHCL
			1875	SIKKIM
			109128	WBSETCL
			22029	ASSAM
			321830	CHATTISGARH
			335768	DELHI
			240820	GUJARAT
			36812	HARYANA
			75129	J & K
			110500	MAHARASHTRA
			787831	MP
			309133	PUNJAB
			207181	RAJASTHAN
526434	UP			
23792	UTTARAKHAND			
5	TSTPP-I	0.00000	0	-
6	BARH	1653.81600	3084367	BSPHCL
7	BRBCL	2265.71400	1939197	DVC_Railway
			588201	BSPHCL
			4170907	MAHARASHTRA
			397911	MP

**A) RRAS settlement account for the week 12-Feb-18 to 18-Feb-18 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.