



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: 04.05.2018

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 09.04.2018 to 15.04.2018.**

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 09.04.18 TO 15.04.18**

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
WBSETCL	315.19073	27.08267	342.27340	SIKKIM	22.07924	0.00000	22.07924
GRIDCO	244.77664	31.63582	276.41246	HVDC ALIPURDUAR	3.69931	0.00807	3.69125
BSPHCL	117.64455	24.04984	141.69438	HVDC SASARAM	2.85662	0.00318	2.85344
JUVNL	53.99589	15.34580	69.34169	WR	3819.30365	0.00000	3819.30365
DVC	50.12496	14.47760	64.60255	NR	654.32388	0.00000	654.32388
SR	4656.43831	0.00000	4656.43831	NVVN-BD	2.96727	0.00470	2.96257
NER	272.37783	0.00000	272.37783	TSTPP	23.89320	0.00000	23.89320
NVVN-NEPAL	11.13493	0.04376	11.17869	MAITHON R/B	17.92740	0.00000	17.92740
MTPS-II	18.96032	1.94927	20.90959	BRBCL	14.00543	0.00000	14.00543
FSTPP-III	15.38958	0.00000	15.38958	TEESTA	69.51876	0.00000	69.51876
FSTPP I&II	14.48433	0.00000	14.48433	DIKCHU	57.40769	0.10842	57.29927
GMRKEL	14.31487	0.87923	15.19410	Teesta-III(TUL)	40.68420	0.00071	40.68349
BARH	1.35763	2.20591	3.56354	CHUZACHEN	7.54359	0.37301	7.17057
KHSTPP-I	0.88885	0.19982	1.08867	RANGIT	7.24389	0.01091	7.23297
KHSTPP-II	0.65069	0.88667	1.53736	APNRL	10.75906	0.00000	
TPTCL	10.55390	0.00000	10.55390				
THEP	5.04699	0.02734	5.07434				
JORETHANG LOOP HEP	0.22078	0.00073	0.22151				
IND BARATH	1.62062	0.00000	1.62062				
JITPL	1.44078	0.00000	1.44078				
TALCHER SOLAR	0.15506	0.00000	0.15506				
OPGC_INFIRM	1.49164	0.00000	1.49164				
<b>TOTAL</b>	<b>5808.25989</b>	<b>118.78445</b>	<b>5927.04435</b>		<b>4754.21319</b>	<b>0.50901</b>	<b>4742.94512</b>

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

**119.29346**

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>5808.25989</b>
<b>Payable from the pool(B):</b>	<b>4754.21319</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>1054.04670</b>
<b>Additional Deviation Amount:</b>	<b>119.29346</b>
<b>VAE of Eastern Region:</b>	<b>898.01473</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:** 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) 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) 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.

**xxxxii) MTPS Stg-II becomes a new regional entity and DSM Pool member of ER wef 01.04.18**

**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.
09-04-18	<b>BSPHCL</b>	<b>-75,611.889</b>	<b>-75,398.894</b>	<b>-4,56,467.36</b>	<b>-8,88,543.54</b>
	JUVNL	-12,994.519	-10,964.300	24,34,786.80	-60,801.40
	DVC	51,953.864	53,302.807	25,96,882.82	-1,42,199.37
	GRIDCO	-20,608.008	-22,807.485	-41,65,177.95	-5,86,076.35
	SIKKIM	-1,414.580	-1,376.000	89,183.28	0.00
	WBSETCL	-23,318.540	-24,843.098	-39,76,715.17	-5,51,815.77
	NER	-13,771.173	-26,651.670	-3,04,35,231.95	-2,48,94,491.39
	NR	-42,610.859	-35,049.324	2,16,27,795.89	-5,65,193.74
	SR	-25,104.805	-53,862.485	-7,11,15,788.47	-6,26,73,943.52
	WR	-9,477.232	21,508.473	6,95,36,238.12	-7,31,255.08
	FSTPP-I & II	13,747.246	13,694.927	-1,05,453.30	0.00
	KHSTPP-I	14,246.560	14,135.456	-2,98,212.59	-13,550.00
	TSTPP	20,699.110	20,828.417	4,60,345.26	0.00
	RANGIT	568.500	628.728	1,39,290.09	-1,091.50
	CHPC	0.000	654.006	14,71,514.13	0.00
	KHPC	0.000	681.808	14,45,432.11	0.00
	THPC	1,696.000	317.107	-29,23,252.28	0.00
	KHSTPP-II	28,211.994	28,056.177	-1,71,359.05	0.00
	FSTPP-III	9,315.372	9,202.672	-2,24,519.52	0.00
	TEESTA	3,752.000	4,103.309	8,36,495.02	0.00
	MAITHON R/B	11,993.605	11,980.109	30,859.16	0.00
	BARH	22,354.958	22,267.418	33,443.507	0.00
	NVVN-NEPAL	-2,842.272	-2,879.146	-1,06,891.645	-4,375.60
	APNRL	5,866.445	5,913.527	1,40,947.551	0.00
	GMRKEL	14,569.918	14,076.582	-6,29,531.173	0.00
	JITPL	18,113.163	18,086.836	-10,822.39	0.00
	TPTCL	501.619	389.141	-2,59,620.18	0.00
	BRBCL	4,551.448	4,603.473	1,34,399.724	0.00
	TALCHER SOLAR	44.650	37.513	-69,164.57	0.00
	JORETHANG HEP	374.365	504.992	4,48,351.73	0.00
	IND Barath	0.000	-10.182	-23,041.89	0.00
	HVDC SASARAM	-26.188	-9.207	38,736.903	-318.16
	VAE	-3,607.048	0.000	78,22,158.011	0.00
	NVVN	-41.404	-18.182	50,481.021	-470.25
	CHUZACHEN	509.854	632.971	2,87,072.527	-708.23
	TUL	5,763.848	5,811.636	4,93,386.602	0.00
	DIKCHU	461.804	677.364	4,30,724.810	-10,841.82
	THEP	458.503	480.256	83,444.071	0.00
	HVDC ALIPURDUAR	-42.244	-15.537	54,468.882	-806.87
	OPGC_INFIRM	0.000	-7.729	-18,241.192	0.00
MTPS-II	6,605.172	6,586.376	-24,571.615	0.00	
10-04-18	<b>BSPHCL</b>	<b>-74,129.273</b>	<b>-73,555.810</b>	<b>-1,10,601.62</b>	<b>-1,83,216.08</b>
	JUVNL	-12,763.880	-11,977.224	15,52,517.40	-37,726.57
	DVC	58,253.422	58,310.592	6,48,776.78	-10,112.00
	GRIDCO	-19,822.823	-21,415.371	-29,13,794.50	-5,57,446.63
	SIKKIM	-1,269.731	-1,390.949	-3,17,453.80	0.00
	WBSETCL	-25,575.103	-25,454.480	-15,36,355.84	-34,139.56
	NER	-12,429.479	-16,675.704	-1,06,96,294.73	-87,46,869.50
	NR	-49,320.862	-36,638.576	3,44,55,076.77	-4,15,227.73
	SR	-21,326.536	-53,617.000	-8,46,97,540.00	-7,57,50,540.81
	WR	-7,072.044	9,233.367	3,83,17,482.80	-10,83,919.19
	FSTPP-I & II	13,845.384	13,714.181	-3,05,495.13	0.00
	KHSTPP-I	15,640.860	15,626.693	54,538.71	0.00
	TSTPP	21,697.748	21,844.063	4,11,290.79	0.00
	RANGIT	456.000	477.773	55,676.53	0.00
	CHPC	0.000	143.882	3,23,733.51	0.00
	KHPC	227.280	291.539	1,36,228.66	0.00
	THPC	1,696.000	69.764	-34,47,620.89	0.00
	KHSTPP-II	30,606.560	30,390.368	-2,41,874.973	-88,666.59
	FSTPP-III	9,729.165	9,568.873	-3,61,025.083	0.00
	TEESTA	3,832.000	4,158.691	8,92,871.088	0.00
	MAITHON R/B	11,758.840	11,906.472	3,90,868.438	0.00
	BARH	14,317.630	14,305.636	1,20,954.882	-1,763.09
	NVVN-NEPAL	-2,842.272	-2,888.890	-1,21,077.648	0.00
	APNRL	5,478.945	5,577.454	3,03,482.332	0.00
	GMRKEL	15,425.316	15,024.363	-5,96,951.178	-24.99
	JITPL	18,069.999	18,032.800	-1,20,979.634	0.00
	TPTCL	501.619	360.410	-3,67,927.73	0.00
	BRBCL	5,193.531	5,228.636	99,354.030	0.00
	TALCHER SOLAR	46.025	50.290	39,875.413	0.00
	JORETHANG HEP	482.502	398.400	-98,261.053	-37.58
	IND Barath	0.000	-9.818	-26,094.622	0.00
	HVDC SASARAM	-26.089	-8.627	45,141.787	0.00
	VAE	-9,554.070	0.000	2,38,27,009.022	0.00
	NVVN	-4.045	-8.436	-13,423.823	0.00
	CHUZACHEN	476.636	566.448	3,33,074.871	0.00
	TUL	6,467.575	6,554.618	5,41,700.646	0.00
	DIKCHU	461.804	499.727	73,269.297	0.00
	THEP	482.502	414.528	-92,049.462	0.00
	HVDC ALIPURDUAR	-27.749	-17.393	26,439.074	0.00
	OPGC_INFIRM	0.000	-8.765	-23,252.476	0.00
MTPS-II	5,944.457	5,880.040	-1,41,189.378	0.00	
11-04-18	<b>BSPHCL</b>	<b>-72,128.711</b>	<b>-70,371.122</b>	<b>21,18,627.68</b>	<b>-93,765.06</b>
	JUVNL	-13,097.391	-12,566.354	5,66,240.28	-49,777.79
	DVC	54,005.438	54,417.244	3,10,971.51	-4,98,444.33
	GRIDCO	-25,308.749	-27,756.988	-62,48,486.58	-7,10,878.63
	SIKKIM	-1,576.195	-1,494.032	2,01,697.51	0.00
	WBSETCL	-30,203.510	-31,474.440	-39,20,076.65	-3,97,047.10
	NER	-9,131.955	-8,470.555	19,35,834.55	-4,10,027.56
	NR	-47,455.091	-43,255.642	1,61,91,058.69	-68,36,236.91
	SR	-27,253.338	-55,811.461	-7,72,04,536.41	-6,73,90,615.02
	WR	-8,109.291	8,645.021	4,35,02,028.75	0.00
	FSTPP-I & II	14,272.204	14,103.914	-4,49,005.74	0.00
	KHSTPP-I	14,018.752	14,148.120	2,65,224.19	-312.88
	TSTPP	21,518.199	21,851.124	8,07,060.37	0.00
	RANGIT	510.000	539.140	71,415.29	0.00
	CHPC	0.000	271.366	6,10,574.22	0.00
	KHPC	227.280	407.927	3,82,971.22	0.00
	THPC	1,536.000	131.577	-29,77,376.47	0.00
	KHSTPP-II	27,008.133	27,101.365	3,38,759.691	0.00
	FSTPP-III	9,524.379	9,426.194	-2,32,242.933	0.00
	TEESTA	3,912.000	4,243.345	8,12,518.135	0.00
	MAITHON R/B	22,524.170	22,666.981	4,22,276.579	0.00
	BARH	22,928.339	22,919.345	37,223.346	-15,832.06
	NVVN-NEPAL	-2,842.272	-2,928.019	-2,16,986.946	0.00
	APNRL	5,791.445	5,875.709	2,38,438.695	0.00
	GMRKEL	14,381.644	14,596.436	10,48,506.667	-218.01
	JITPL	18,003.181	18,045.309	1,32,942.096	0.00
	TPTCL	501.619	467.843	-89,196.63	0.00
	BRBCL	4,136.621	4,210.309	2,01,013.808	0.00
	TALCHER SOLAR	48.215	50.047	17,126.863	0.00
	JORETHANG HEP	505.943	465.632	-11,686.019	-4.41
	IND Barath	0.000	-9.309	-25,199.149	0.00
	HVDC SASARAM	-25.595	-10.308	40,831.017	0.00
	VAE	-7,618.745	0.000	1,78,77,480.522	0.00
	NVVN	-3.656	-24.073	-53,973.321	0.00
	CHUZACHEN	612.454	762.796	3,79,122.437	0.00
	TUL	6,769.489	6,836.873	3,33,331.663	0.00
	DIKCHU	461.804	607.909	3,56,603.736	0.00
	THEP	503.505	455.648	-62,392.445	-634.25
	HVDC ALIPURDUAR	-48.714	-16.822	82,622.663	0.00
	OPGC_INFIRM	0.000	-8.089	-21,736.576	0.00
MTPS-II	6,145.953	6,137.588	-16,627.093	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.
12-04-18	<b>BSPHCL</b>	<b>-75,858.853</b>	<b>-73,870.372</b>	<b>17,78,593.10</b>	<b>-2,21,770.08</b>
	JUVNL	-12,856.222	-12,447.347	3,98,173.72	-62,489.79
	DVC	55,628.869	54,410.480	-24,42,511.16	-89,346.44
	GRIDCO	-25,556.745	-27,182.784	-27,00,038.57	-1,91,617.14
	SIKKIM	-1,512.624	-1,460.503	88,892.73	0.00
	WBSETCL	-28,409.530	-27,731.984	5,68,009.98	-9,014.52
	NER	-4,108.000	-4,726.136	-14,41,088.67	-6,63,889.91
	NR	-43,090.572	-46,364.482	-78,53,701.54	-1,14,32,014.34
	SR	-34,639.135	-56,644.984	-4,79,62,582.43	-3,78,02,547.42
	WR	-11,729.893	7,218.658	4,08,90,719.44	0.00
	FSTPP-I & II	17,256.288	17,300.902	1,44,063.41	0.00
	KHSTPP-I	13,564.652	13,442.316	1,02,358.95	-2,906.72
	TSTPP	21,720.741	21,857.855	3,51,072.65	0.00
	RANGIT	469.500	510.563	1,03,120.44	0.00
	CHPC	0.000	414.536	9,32,705.23	0.00
	KHPC	227.280	179.150	-1,02,034.75	0.00
	THPC	1,800.000	200.996	-33,89,889.53	0.00
	KHSTPP-II	26,259.090	26,262.538	1,13,260.90	0.00
	FSTPP-III	8,110.956	8,115.679	1,12,367.58	0.00
	TEESTA	3,632.000	3,956.327	7,73,726.58	0.00
	MAITHON R/B	21,817.500	21,951.781	3,77,166.54	0.00
	BARH	24,651.936	24,479.454	-3,33,796.874	-2,02,996.20
	NVVN-NEPAL	-2,842.272	-2,911.958	-1,59,358.326	0.00
	APNRL	5,691.445	5,759.345	1,91,392.08	0.00
	GMRKEL	14,329.017	13,726.182	-9,92,347.37	-5,786.25
	JITPL	18,015.181	18,017.163	-2,822.33	0.00
	TPTCL	501.619	386.347	-2,59,699.20	0.00
	BRBCL	3,413.930	3,619.873	3,42,496.633	0.00
	TALCHER SOLAR	39.915	33.227	-68,047.94	0.00
	JORETHANG HEP	469.906	408.032	-1,76,188.98	-21.74
	IND Barath	0.000	-9.164	-20,263.31	0.00
	HVDC SASARAM	-26.188	-10.665	34,278.17	0.00
	VAE	-6,574.438	0.000	1,32,56,266.85	0.00
	NVVN	0.000	-7.527	-20,206.67	0.00
	CHUZACHEN	843.458	1,043.045	4,23,584.86	0.00
	TUL	6,686.941	6,873.818	8,45,435.323	0.00
	DIKCHU	533.574	1,265.909	12,92,441.827	0.00
	THEP	503.505	425.920	-2,64,259.407	-1,885.83
	HVDC ALIPURDUAR	-50.366	-17.336	69,201.467	0.00
	OPGC_INFIRM	0.000	-6.987	-16,029.717	0.00
	MTPS-II	6,353.334	6,310.700	-73,137.213	0.00
13/04/18	<b>BSPHCL</b>	<b>-77,013.119</b>	<b>-78,111.040</b>	<b>-40,51,036.37</b>	<b>-3,66,932.83</b>
	JUVNL	-13,694.230	-14,031.804	-17,75,562.29	-3,86,649.47
	DVC	57,180.999	55,990.762	-32,79,128.79	-6,86,709.75
	GRIDCO	-27,139.787	-27,891.465	-11,76,208.51	-85,139.34
	SIKKIM	-1,951.266	-1,417.612	13,88,247.96	0.00
	WBSETCL	-27,201.610	-28,950.110	-54,72,021.47	-6,44,366.47
	NER	-4,735.845	-2,679.020	57,76,794.57	-6,52,268.24
	NR	-51,481.291	-54,785.794	-76,09,607.16	-56,70,626.83
	SR	-37,450.366	-60,187.532	-6,31,98,951.01	-5,22,01,119.22
	WR	-10,394.281	10,301.052	5,87,41,905.29	-2,30,241.26
	FSTPP-I & II	20,829.704	20,618.173	-4,32,154.96	0.00
	KHSTPP-I	17,230.254	17,119.318	-2,14,939.09	0.00
	TSTPP	22,087.687	22,154.088	1,96,856.54	0.00
	RANGIT	514.500	560.168	1,21,540.00	0.00
	CHPC	0.000	1,086.134	24,43,801.50	0.00
	KHPC	227.280	170.651	-1,20,053.90	0.00
	THPC	1,912.000	526.633	-29,36,978.39	0.00
	KHSTPP-II	31,250.595	31,277.255	1,21,340.203	0.00
	FSTPP-III	9,791.200	9,605.317	-4,73,910.288	0.00
	TEESTA	9,014.000	9,579.891	14,31,647.702	0.00
	MAITHON R/B	23,168.875	23,249.672	2,48,784.762	0.00
	BARH	14,847.863	14,814.327	-56,892.242	0.00
	NVVN-NEPAL	-2,842.272	-2,889.360	-1,04,367.057	0.00
	APNRL	5,903.945	5,937.163	95,329.523	0.00
	GMRKEL	13,594.888	13,574.982	3,81,498.249	-65,745.53
	JITPL	18,013.954	18,021.891	26,427.215	0.00
	TPTCL	188.107	153.809	-78,946.38	0.00
	BRBCL	3,458.970	3,599.927	3,30,714.464	0.00
	TALCHER SOLAR	42.210	44.623	19,486.10	0.00
	JORETHANG HEP	488.623	451.552	-72,602.23	0.00
	IND Barath	0.000	-9.091	-24,932.68	0.00
	HVDC SASARAM	-26.188	-10.873	42,408.77	0.00
	VAE	-6,432.445	0.000	1,50,07,536.08	0.00
	NVVN	-5.616	-9.818	-13,386.762	0.00
	CHUZACHEN	1,033.879	798.738	-9,05,127.519	-36,592.96
	TUL	7,063.929	7,797.818	19,82,706.433	0.00
	DIKCHU	598.944	1,462.273	20,84,272.276	0.00
	THEP	505.917	436.704	-1,12,063.841	-211.49
	HVDC ALIPURDUAR	-27.598	-16.100	31,435.098	0.00
	OPGC_INFIRM	0.000	-8.787	-25,389.221	0.00
	MTPS-II	6,758.801	6,572.852	-4,29,207.562	0.00
14/04/18	<b>BSPHCL</b>	<b>-78,557.592</b>	<b>-78,827.926</b>	<b>-26,01,841.78</b>	<b>-3,89,833.84</b>
	JUVNL	-13,392.782	-14,419.272	-30,64,201.10	-3,91,491.76
	DVC	60,297.972	58,829.754	-31,15,090.92	-20,649.06
	GRIDCO	-23,041.588	-24,499.652	-31,15,646.44	-4,00,127.73
	SIKKIM	-1,509.523	-1,397.198	3,05,881.52	0.00
	WBSETCL	-35,703.753	-38,116.779	-52,80,642.95	-4,38,261.09
	NER	-3,352.532	-1,210.034	52,54,149.39	-15,758.69
	NR	-47,127.758	-49,960.869	-60,19,471.22	-77,47,953.78
	SR	-32,682.472	-57,699.067	-6,29,69,514.38	-5,07,93,175.34
	WR	-24,116.830	4,524.721	7,09,63,610.61	0.00
	FSTPP-I & II	22,526.774	22,387.233	-3,46,573.17	0.00
	KHSTPP-I	16,632.995	16,666.815	49,982.01	0.00
	TSTPP	22,187.716	22,257.162	1,81,771.75	0.00
	RANGIT	483.000	521.618	1,04,787.93	0.00
	CHPC	0.000	1,178.018	26,50,540.79	0.00
	KHPC	227.280	26.636	-4,25,364.43	0.00
	THPC	2,880.000	571.185	-48,94,688.60	0.00
	KHSTPP-II	30,934.129	30,838.550	-1,70,025.506	0.00
	FSTPP-III	10,053.646	9,944.148	-2,46,542.493	0.00
	TEESTA	6,272.000	6,821.636	13,91,960.305	0.00
	MAITHON R/B	23,535.625	23,601.636	1,83,944.705	0.00
	BARH	14,383.978	14,320.800	-44,562.128	0.00
	NVVN-NEPAL	-2,842.272	-2,906.630	-1,56,076.649	0.00
	APNRL	5,903.945	5,934.909	96,021.785	0.00
	GMRKEL	14,132.506	13,859.782	-2,20,399.873	-232.19
	JITPL	18,110.061	18,059.563	-1,21,847.413	0.00
	TPTCL	0.000	0.000	0.00	0.00
	BRBCL	3,561.282	3,584.400	54,241.890	0.00
	TALCHER SOLAR	45.895	47.084	10,999.99	0.00
	JORETHANG HEP	453.347	423.776	27,117.56	-6.69
	IND Barath	0.000	-8.727	-21,899.56	0.00
	HVDC SASARAM	-26.203	-9.075	42,011.27	0.00
	VAE	-4,175.508	0.000	96,93,478.19	0.00
	NVVN	-165.703	-18.545	3,57,466.758	0.00
	CHUZACHEN	664.516	769.124	2,45,980.164	0.00
	TUL	11,480.238	11,221.891	-2,71,807.841	-71.32
	DIKCHU	819.382	1,346.545	11,96,152.672	0.00
	THEP	493.956	478.048	53,611.100	-2.71
	HVDC ALIPURDUAR	-27.687	-15.481	29,252.222	0.00
	OPGC_INFIRM	0.000	-9.862	-24,298.511	0.00
	MTPS-II	6,215.431	5,900.884	-7,89,144.058	-1,91,311.50

**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 3 of 3
					Additional Deviation Charge in Rs.
15/04/18	BSPHCL	-81,074.494	-82,284.711	-45,09,952.19	-2,60,922.42
	JUVNL	-14,714.333	-15,738.553	-35,04,839.11	-5,45,643.27
	DVC	56,798.268	56,883.990	2,71,776.17	-298.76
	GRIDCO	-25,204.519	-27,408.986	-44,56,105.81	-6,32,295.76
	SIKKIM	-1,240.504	-1,123.692	2,47,108.72	0.00
	WBSETCL	-31,765.691	-33,759.525	-53,17,117.07	-6,33,622.28
	NER	-2,422.371	-1,606.362	23,68,053.49	-58,288.36
	NR	-50,646.255	-45,026.146	1,46,41,236.21	-20,63,587.55
	SR	-31,542.818	-56,656.006	-5,84,94,918.59	-4,67,97,374.03
	WR	-14,813.032	11,060.593	5,99,78,379.84	0.00
	FSTPP-I & II	20,823.339	20,839.328	46,186.02	0.00
	KHSTPP-I	14,784.736	14,734.155	-47,837.34	-3,212.53
	TSTPP	22,156.697	22,106.155	-19,077.64	0.00
	RANGIT	442.500	482.362	1,28,558.47	0.00
	CHPC	0.000	380.671	8,56,509.45	0.00
	KHPC	0.000	-163.858	-3,47,378.11	0.00
	THPC	2,848.000	184.576	-56,46,459.90	0.00
	KHSTPP-II	28,279.593	28,171.266	-55,170.692	0.00
	FSTPP-III	9,053.218	9,009.107	-1,13,085.191	0.00
	TEESTA	3,752.000	4,077.891	8,12,657.181	0.00
	MAITHON R/B	22,718.750	22,763.381	1,38,839.640	0.00
	BARH	25,669.809	25,626.763	1,07,866.748	0.00
	NVVN-NEPAL	-2,842.272	-2,938.627	-2,48,734.747	0.00
	APNRL	5,903.945	5,897.745	10,294.021	0.00
	GMRKEL	14,287.977	13,925.527	-4,22,261.946	-15,916.16
	JITPL	18,009.598	17,985.672	-46,975.928	0.00
	TPTCL	0.000	0.000	0.00	0.00
	BRBCL	3,441.289	3,534.763	2,38,322.723	0.00
	TALCHER SOLAR	48.028	51.687	34,217.73	0.00
	JORETHANG HEP	489.410	385.184	-1,38,808.62	-2.65
	IND Barath	0.000	-8.582	-20,630.88	0.00
	HVDC SASARAM	-26.188	-8.207	42,254.28	0.00
	VAE	-1,487.553	0.000	23,17,544.60	0.00
	NVVN	-9.733	-11.164	-10,229.793	0.00
	CHUZACHEN	728.262	724.595	-9,348.737	0.00
	TUL	4,969.897	4,975.854	1,43,667.275	0.00
	DIKCHU	935.595	1,088.545	3,07,304.505	0.00
	THEP	504.698	417.248	-1,10,989.398	0.00
	HVDC ALIPURDUAR	-48.326	-15.265	76,512.020	0.00
	OPGC INFIRM	0.000	-8.547	-20,216.273	0.00
	MTPS-II	6,545.349	6,340.632	-4,22,155.084	-3,615.80

SUMMARY OF WEEKLY DEVIATION CHARGES					
	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 09-04-18 TO 15/04/18	BSPHCL	-5,34,373.93	-5,32,419.87	-1,17,64,455.00	-24,04,983.85
	JUVNL	-93,513.36	-92,144.85	-53,99,589.00	-15,34,580.04
	DVC	3,94,118.83	3,92,145.63	-50,12,496.00	-14,47,759.71
	GRIDCO	-1,66,682.22	-1,78,962.73	-2,44,77,664.00	-31,63,581.58
	SIKKIM	-10,474.42	-9,659.98	22,07,924.00	0.00
	WBSETCL	-2,02,177.74	-2,10,330.42	-3,15,19,073.00	-27,08,266.79
	NER	-49,951.36	-62,019.48	-2,72,37,783.00	0.00
	NR	-3,31,732.69	-3,11,080.83	6,54,32,388.00	0.00
	SR	-2,09,999.47	-3,94,478.54	-46,56,43,831.00	0.00
	WR	-85,712.60	72,491.88	38,19,30,365.00	0.00
	FSTPP-I & II	1,23,300.94	1,22,658.66	-14,48,432.87	0.00
	KHSTPP-I	1,05,918.81	1,05,872.87	-88,885.17	-19,982.14
	KHSTPP-II	2,02,550.09	2,02,097.52	-65,069.43	-88,666.59
	TSTPP	1,52,067.90	1,52,898.86	23,89,319.72	0.00
	FSTPP-III	65,578.04	64,871.99	-15,38,957.92	0.00
	TEESTA	34,166.00	36,941.09	69,51,876.00	0.00
	MAITHON R/B	1,37,517.37	1,38,120.03	17,92,738.83	0.00
	RANGIT	3,444.00	3,720.35	7,24,389.00	-1,091.50
	BARH	1,39,154.51	1,38,733.74	-1,35,762.76	-2,20,591.34
	NVVN-NEPAL	-19,895.90	-20,342.63	-11,13,493.00	-4,375.60
	APNRL	40,540.12	40,895.85	10,75,906.00	0.00
	GMRKEL	1,00,721.27	98,783.85	-14,31,487.00	-87,923.13
	JITPL	1,26,335.14	1,26,249.23	-1,44,078.00	0.00
	TPTCL	2,194.58	1,757.55	-10,55,390.00	0.00
	BRBCL	27,757.07	28,381.38	14,00,543.27	0.00
	TALCHER SOLAR	314.94	314.47	-15,506.00	0.00
	JORETHANG HEP	3,264.09	3,037.57	-22,078.00	-73.07
	IND Barath	0.00	-64.87	-1,62,062.00	0.00
	HVDC SASARAM	-182.64	-66.96	2,85,662.00	-318.16
	VAE	-39,449.81	0.00	8,98,01,473.28	0.00
	NVVN-BD	-230.16	-97.74	2,96,727.00	-470.25
	CHUZACHEN	4,869.16	5,297.72	7,54,359.00	-37,301.18
	TUL	49,201.92	50,072.51	40,68,420.10	-71.32
	DIKCHU	4,272.91	6,948.27	57,40,769.12	-10,841.82
	THEP	3,452.59	3,108.35	-5,04,699.38	-2,734.27
	HVDC ALIPURDUAR	-272.68	-113.93	3,69,931.00	-806.87
	OPGC INFIRM	0.00	-58.77	-1,49,163.97	0.00
	MTPS-II	44,568.50	43,729.07	-18,96,032.00	-1,94,927.30

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: 04/05/2018

RRAS Account for Week: 09-Apr-18 to 15-Apr-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	4467.90700	3802189	9074317	2233953	15110462
2	FSTPP-III	4209.01500	6418747	8603227	2104506	17126482
3	KHSTPP-I	7548.52000	7767426	19407246	3774260	30948934
4	KHSTPP-II	19304.63000	21312312	47431476	9652315	78396102
5	TSTPP-I	571.26700	533563	891747	285633	1710945
6	BARH	1903.82600	3550636	4117977	951914	8620526
7	BRBCL	2270.40700	7110913	4674767	1135204	12920883

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	0.31000	630	472
3	FSTPP-III	0.00000	0	0
4	KHSTPP-I	0.47750	1228	921
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	4467.90700	72787	BSPHCL
			447680	JUVNL
			169431	GRIDCO
			12962	SIKKIM
			1888201	WBSETCL
			471045	ASSAM
			71608	DELHI
			79796	HARYANA
			29447	PUNJAB
			23268	RAJASTHAN
2	FSTPP-III	4209.01500	535964	UP
			31017	BSPHCL
			2265311	JUVNL
			407200	GRIDCO
			3708066	WBSETCL
3	KHSTPP-I	7548.52000	7153	ASSAM
			1544681	BSPHCL
			193857	JUVNL
			737217	GRIDCO
			238385	WBSETCL
			316490	ASSAM
			280084	DELHI
			374311	HARYANA
			882159	PUNJAB
4	KHSTPP-II	19304.63000	625697	RAJASTHAN
			2574545	UP
			1904912	BSPHCL
			660688	JUVNL
			1051021	GRIDCO
			1550621	WBSETCL
			5151299	ASSAM
			3998703	CHATTISGARH
			1701336	DELHI
			4083695	HARYANA
			609046	MAHARASHTRA
			1858673	MP
			9953954	PUNJAB
6536027	RAJASTHAN			
5	TSTPP-I	571.26700	38717562	UP
			618566	UTTARAKHAND
			146369	BSPHCL
6	BARH	1903.82600	291743	WBSETCL
			95451	ASSAM
			580197	BSPHCL
7	BRBCL	2270.40700	2702664	JUVNL
			267775	GRIDCO
			1396663	DVC_Railway
			422380	BSPHCL
			4953519	MAHARASHTRA
			338351	MP

A) RRAS settlement account for the week 09-Apr-18 to 15-Apr-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-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.