



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: 23.05.2018

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 23.04.2018 to 29.04.2018.

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 23.04.18 TO 29.04.18**

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
WBSSETCL	271.07934	36.16629	307.24563	BSPHCL	69.46813	4.87511	64.59302
JUVNL	242.93696	21.48492	264.42188	HVDC ALIPURDUAR	7.54782	0.00000	7.54782
GRIDCO	156.02207	11.84053	167.86260	SIKKIM	6.33373	0.00000	6.33373
DVC	96.38629	9.71299	106.09927	HVDC SASARAM	4.68589	0.00000	4.68589
SR	4798.21235	0.00000	4798.21235	WR	5410.89511	0.00000	5410.89511
NER	2623.88731	0.00000	2623.88731	NR	2159.58592	0.00000	2159.58592
NVVN-NEPAL	17.06658	0.00000	17.06658	NVVN-BD	8.01830	0.00000	8.01830
GMRKEL	31.65976	8.30382	39.96358	TSTPP	16.01383	0.00000	16.01383
FSTPP-III	27.71682	0.03870	27.75552	BRBCL	14.00565	0.00061	14.00504
FSTPP I&II	18.79308	0.25979	19.05287	TEESTA	74.55908	0.00000	74.55908
MTPS-II	18.66542	1.05477	19.72019	RANGIT	9.05507	0.00000	9.05507
KHSTPP-I	16.96519	0.71229	17.67748	DIKCHU	8.27940	0.19576	8.08364
KHSTPP-II	11.03436	0.00000	11.03436	Teesta-III(TUL)	5.13374	0.00155	5.13219
MAITHON R/B	7.78937	0.09062	7.87999	APNRL	27.20335	0.04091	27.16244
BARH	1.50140	1.86553	3.36693	JITPL	14.02184	0.00000	14.02184
THEP	39.78508	0.05203	39.83711	Adj for JITPL (for 04.04.18 & 08.04.18)	31.23782	0.00000	31.23782
JORETHANG LOOP HEP	29.77156	0.00252	29.77408				
TPTCL	21.78484	0.00000	21.78484				
CHUZACHEN	0.42479	0.08777	0.51255				
IND BARATH	1.19827	0.00000	1.19827				
TALCHER SOLAR	0.08202	0.00000	0.08202				
OPGC_INFIRM	1.03903	0.00000	1.03903				
TOTAL	8433.80188	91.67257	8525.47445		7866.04469	5.11395	7860.93074

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

96.78652

(All figures in Rs. Lakhs)

Payable to the pool(A):	8433.80188
Payable from the pool(B):	7866.04469
Differential Amount Arising from capping of Thermal Power Stations(A-B)	567.75718
Additional Deviation Amount:	96.78652
VAE of Eastern Region:	409.01622

**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/CEERC 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

xxxxiii) Adj for JITPL has been done due to revised schedules for the dates 04.04.18 & 08.04.18

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.
23/04/18	BSPHCL	-85,466.519	-84,150.805	28,58,696.31	-24,996.43
	JUVNL	-17,575.903	-19,343.987	-58,56,560.08	-3,78,439.56
	DVC	63,376.661	64,384.039	29,68,234.25	0.00
	GRIDCO	-38,043.160	-39,150.420	-19,81,683.13	-2,49,829.20
	SIKKIM	-1,511.554	-1,335.344	5,77,903.60	0.00
	WBSETCL	-50,911.542	-52,065.730	-37,15,016.35	-89,917.87
	NER	-677.026	-5,906.133	-1,48,23,661.40	-1,44,05,432.57
	NR	-52,946.987	-48,354.444	1,18,48,890.84	-29,37,091.01
	SR	-3,025.373	-35,555.251	-9,75,58,219.50	-9,22,57,986.19
	WR	-1,479.977	31,047.087	9,69,96,068.39	0.00
	FSTPP-I & II	17,500.766	17,212.573	-7,61,220.33	-25,979.09
	KHSTPP-I	16,770.985	16,683.459	-1,48,198.03	-10,485.82
	TSTPP	22,282.500	22,227.604	-1,09,468.36	0.00
	RANGIT	446.000	501.485	1,53,687.09	0.00
	CHPC	0.000	2,060.139	46,35,312.87	0.00
	KHPC	0.000	538.049	11,40,663.46	0.00
	THPC	3,664.000	998.898	-56,50,016.51	0.00
	KHSTPP-II	32,759.379	32,761.779	25,628.13	0.00
	FSTPP-III	10,533.750	10,287.281	-6,61,074.48	-374.89
	TEESTA	5,926.000	6,388.254	12,85,545.78	0.00
	MAITHON R/B	16,881.728	16,798.654	-92,664.98	-4,732.97
	BARH	29,858.400	29,870.290	60,045.329	0.00
	NVVN-NEPAL	-2,845.440	-2,692.320	26,881.384	0.00
	APNRL	4,477.671	4,453.018	-41,824.221	-4,091.16
	GMRKEL	15,718.280	15,283.272	-10,88,816.541	-64,094.94
	JITPL	10,820.835	10,872.145	1,84,025.07	0.00
	TPTCL	0.000	0.000	0.00	0.00
	BRBCL	3,246.484	3,323.418	2,04,974.298	-61.30
	TALCHER SOLAR	45.610	45.762	1,416.99	0.00
	JORETHANG HEP	648.681	424.928	-6,20,425.13	-250.30
	IND Barath	0.000	-6.982	-21,994.39	0.00
	HVDC SASARAM	-26.067	-0.739	78,398.964	0.00
	VAE	-2,269.215	0.000	65,87,281.206	0.00
	NVVN	-11,445.312	-11,559.309	-3,75,027.366	0.00
	CHUZACHEN	1,333.841	1,496.360	5,06,527.990	0.00
	TUL	8,751.770	8,795.345	2,25,238.813	0.00
	DIKCHU	1,065.449	1,789.000	16,90,349.695	0.00
	THEP	665.094	531.072	-3,80,149.719	-306.95
	HVDC ALIPURDUAR	-55.621	-16.576	1,20,570.592	0.00
	OPGC_INFIRM	0.000	-6.518	-19,763.533	0.00
MTPS-II	6,984.138	6,734.776	-5,84,752.786	-13,994.39	
24/04/18	BSPHCL	-83,575.643	-85,398.678	-42,60,433.98	-2,46,097.31
	JUVNL	-18,225.924	-19,770.868	-43,80,161.12	-2,23,128.90
	DVC	64,686.372	64,111.539	-23,03,432.30	-4,27,139.87
	GRIDCO	-26,446.573	-27,920.175	-33,47,368.87	-2,74,624.46
	SIKKIM	-1,359.682	-1,342.697	16,973.31	0.00
	WBSETCL	-57,097.230	-58,200.811	-34,04,609.63	-3,31,552.98
	NER	-813.042	-18,274.046	-4,43,27,379.96	-4,00,78,258.20
	NR	-48,563.911	-37,058.693	2,66,72,634.74	-2,23,266.53
	SR	-3,123.548	-30,923.973	-6,62,53,028.21	-6,08,39,291.19
	WR	-4,988.284	34,677.867	9,98,41,077.14	0.00
	FSTPP-I & II	15,831.445	15,576.036	-6,05,519.11	0.00
	KHSTPP-I	17,174.730	17,053.980	-2,88,169.55	0.00
	TSTPP	13,402.500	13,692.297	4,94,196.46	0.00
	RANGIT	735.000	808.302	1,74,531.61	0.00
	CHPC	141.600	1,778.723	36,83,526.57	0.00
	KHPC	63.840	605.153	11,47,583.14	0.00
	THPC	2,920.000	862.448	-43,62,010.53	0.00
	KHSTPP-II	32,866.414	32,745.977	-2,99,849.232	0.00
	FSTPP-III	10,622.500	10,394.182	-5,30,016.669	0.00
	TEESTA	6,566.000	7,142.909	14,73,751.873	0.00
	MAITHON R/B	23,586.000	23,442.327	-3,37,618.819	0.00
	BARH	29,858.400	29,808.872	-46,434.009	0.00
	NVVN-NEPAL	-2,845.440	-3,019.546	-4,49,771.470	0.00
	APNRL	6,235.809	6,426.182	5,63,374.526	0.00
	GMRKEL	8,908.947	8,808.873	-29,044.100	-24,469.50
	JITPL	10,881.389	10,896.363	60,321.614	0.00
	TPTCL	0.000	0.000	0.00	0.00
	BRBCL	3,236.974	3,346.418	2,63,428.811	0.00
	TALCHER SOLAR	48.548	48.349	-7,955.214	0.00
	JORETHANG HEP	639.650	574.528	-1,36,905.279	0.00
	IND Barath	0.000	-8.000	-20,741.391	0.00
	HVDC SASARAM	-26.191	-0.945	64,152.731	0.00
	VAE	-757.285	0.000	18,20,653.535	0.00
	NVVN	-11,308.322	-11,559.163	-6,41,478.013	0.00
	CHUZACHEN	1,428.970	1,514.591	2,00,729.347	-588.16
	TUL	9,264.003	9,229.818	-33,120.511	0.00
	DIKCHU	1,427.499	1,895.636	12,07,186.755	0.00
	THEP	664.384	467.552	-5,00,404.313	-426.72
	HVDC ALIPURDUAR	-55.621	-16.814	97,353.226	0.00
	OPGC_INFIRM	0.000	-6.824	-17,349.760	0.00
MTPS-II	3,174.607	3,133.176	-80,217.978	0.00	
25/04/18	BSPHCL	-87,049.817	-87,362.313	-10,95,215.18	-16,716.81
	JUVNL	-17,452.359	-19,689.115	-51,71,780.21	-6,40,205.83
	DVC	60,152.670	59,598.987	-14,14,935.05	-9,554.83
	GRIDCO	-23,889.550	-25,897.143	-40,74,376.88	-3,47,417.96
	SIKKIM	-1,598.031	-1,425.320	3,60,783.97	0.00
	WBSETCL	-53,177.837	-56,132.909	-70,49,803.68	-6,81,325.62
	NER	-1,038.349	-17,491.704	-3,80,94,689.95	-3,41,97,904.27
	NR	-45,171.529	-29,265.861	3,45,78,517.34	-20,47,255.94
	SR	1,036.579	-30,109.083	-7,36,04,998.56	-6,78,46,804.43
	WR	-4,014.357	36,260.260	9,52,15,564.19	0.00
	FSTPP-I & II	16,775.960	16,579.718	-4,26,257.70	0.00
	KHSTPP-I	17,781.486	17,487.120	-5,93,714.78	0.00
	TSTPP	10,882.257	11,029.401	3,61,338.37	0.00
	RANGIT	676.500	709.177	68,619.70	0.00
	CHPC	40.000	1,594.584	34,97,813.43	0.00
	KHPC	176.000	430.067	5,38,621.62	0.00
	THPC	2,832.000	773.164	-43,64,731.37	0.00
	KHSTPP-II	33,593.158	33,378.427	-4,01,769.129	0.00
	FSTPP-III	10,794.830	10,563.918	-4,95,700.016	0.00
	TEESTA	6,202.000	6,655.709	10,16,340.235	0.00
	MAITHON R/B	12,379.030	12,262.109	-2,94,462.058	-4,328.93
	BARH	29,858.400	29,716.363	-2,45,986.228	0.00
	NVVN-NEPAL	-2,845.440	-3,027.350	-4,25,309.608	0.00
	APNRL	10,148.379	10,454.763	7,49,194.723	0.00
	GMRKEL	12,002.767	11,722.982	-3,84,038.395	-593.61
	JITPL	10,778.824	10,865.527	1,94,432.322	0.00
	TPTCL	0.000	0.000	0.00	0.00
	BRBCL	3,161.224	3,329.509	3,65,624.198	0.00
	TALCHER SOLAR	48.398	48.484	805.035	0.00
	JORETHANG HEP	595.332	531.720	-21,906.770	0.00
	IND Barath	0.000	-7.491	-17,349.608	0.00
	HVDC SASARAM	-26.246	-0.938	58,965.792	0.00
	VAE	-619.875	0.000	16,42,423.198	0.00
	NVVN	-11,299.004	-11,169.382	2,42,947.362	0.00
	CHUZACHEN	1,450.786	1,486.757	71,899.997	0.00
	TUL	6,340.602	6,303.636	-19,654.469	-4.41
	DIKCHU	1,607.915	1,842.545	4,55,474.223	0.00
	THEP	656.240	409.664	-4,65,487.998	-11.03
	HVDC ALIPURDUAR	-55.621	-15.922	92,537.846	0.00
	OPGC_INFIRM	0.000	-1.756	-4,084.217	0.00
MTPS-II	3,212.639	3,087.424	-2,61,978.190	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 2 of 2
					Additional Deviation Charge in Rs.
26/04/18	BSPHCL	-79,782.305	-77,867.368	38,77,595.26	-9,674.45
	JUVNL	-18,926.634	-20,972.596	-54,61,116.52	-5,83,591.79
	DVC	58,579.752	57,021.137	-35,90,059.30	-1,63,058.74
	GRIDCO	-26,660.499	-28,529.544	-42,75,288.29	-1,21,322.51
	SIKKIM	-1,514.524	-1,470.761	51,102.53	0.00
	WBSETCL	-48,654.339	-41,299.523	45,79,340.84	-5,461.48
	NER	-1,081.789	-15,877.276	-3,74,06,492.00	-3,32,48,002.67
	NR	-47,987.299	-37,096.466	2,88,27,564.57	-10,44,046.69
	SR	1,161.164	-34,622.656	-9,42,99,308.93	-8,84,50,404.52
	WR	-6,308.580	26,529.261	8,66,27,744.07	0.00
	FSTPP-I & II	15,997.791	16,058.130	1,19,411.95	0.00
	KHSTPP-I	15,824.573	15,630.789	-4,17,320.22	-57,196.87
	TSTPP	18,084.815	18,312.391	6,41,832.25	0.00
	RANGIT	469.500	510.192	1,30,652.19	0.00
	CHPC	40.000	1,388.559	30,34,257.48	0.00
	KHPC	216.000	263.030	99,704.45	0.00
	THPC	2,672.000	673.269	-42,37,309.01	0.00
	KHSTPP-II	31,906.617	31,882.858	-86,982.80	0.00
	FSTPP-III	10,196.447	9,950.088	-5,13,947.19	-3,495.05
	TEESTA	4,966.000	5,309.527	7,70,493.03	0.00
	MAITHON R/B	11,161.360	11,140.254	-53,857.03	0.00
	BARH	27,822.561	27,907.636	-80,118.457	-1,81,267.85
	NVVN-NEPAL	-2,845.440	-3,003.485	-4,15,261.202	0.00
	APNRL	11,516.498	11,605.163	2,84,348.83	0.00
	GMRKEL	15,493.340	15,023.127	-8,27,070.63	-1,795.48
	JITPL	10,803.056	10,855.418	1,43,488.22	0.00
	TPTCL	182.798	0.000	-3,67,390.62	0.00
	BRBCL	3,351.232	3,362.800	28,785.531	0.00
	TALCHER SOLAR	48.880	46.325	-24,045.77	0.00
	JORETHANG HEP	643.227	429.648	-4,33,424.76	0.00
	IND Barath	0.000	-6.618	-16,209.16	0.00
	HVDC SASARAM	-26.079	-0.973	62,396.72	0.00
	VAE	-4,656.655	0.000	1,13,71,699.03	0.00
	NVVN	-11,535.341	-11,314.727	5,30,527.37	0.00
	CHUZACHEN	1,314.967	1,175.381	-3,27,516.47	-4,048.19
	TUL	7,540.512	7,427.927	4,833.624	-150.67
	DIKCHU	1,755.556	1,471.000	-6,44,119.948	-190.46
	THEP	648.757	398.336	-5,91,543.689	-2,072.86
	HVDC ALIPURDUAR	-55.621	-12.797	1,06,607.224	0.00
	OPGC_INFIRM	0.000	-2.367	-5,378.942	0.00
MTPS-II	2,615.792	2,638.520	83,930.155	0.00	
27/04/18	BSPHCL	-79,410.972	-77,713.273	25,14,497.66	-21,439.24
	JUVNL	-18,661.289	-18,598.552	-9,74,954.32	-92,304.12
	DVC	61,828.685	60,580.295	-42,42,152.97	-1,11,702.93
	GRIDCO	-27,686.287	-28,263.757	-4,42,013.41	-62,557.33
	SIKKIM	-1,267.896	-1,478.148	-6,86,200.54	0.00
	WBSETCL	-33,450.640	-35,620.579	-67,87,168.43	-6,16,368.43
	NER	-1,251.558	-17,373.348	-4,85,19,729.31	-4,35,40,845.83
	NR	-56,203.525	-38,162.886	5,21,28,511.66	-4,623.10
	SR	-11,500.411	-37,788.332	-8,11,11,145.09	-7,34,60,695.93
	WR	-9,634.708	14,370.887	7,47,09,074.93	0.00
	FSTPP-I & II	15,817.105	15,769.612	-68,982.47	0.00
	KHSTPP-I	15,645.001	15,770.363	2,51,733.20	0.00
	TSTPP	22,273.411	22,292.384	68,806.74	0.00
	RANGIT	478.500	534.965	1,63,273.82	0.00
	CHPC	0.000	1,113.839	25,06,137.99	0.00
	KHPC	160.000	30.647	-2,74,228.78	0.00
	THPC	2,544.000	540.066	-42,48,339.69	0.00
	KHSTPP-II	31,807.318	31,840.335	67,232.430	0.00
	FSTPP-III	9,647.249	9,564.096	-1,76,267.419	0.00
	TEESTA	4,342.000	4,697.636	10,34,948.018	0.00
	MAITHON R/B	11,575.525	11,566.182	17,936.255	0.00
	BARH	28,983.802	28,991.563	1,66,463.966	-5,285.13
	NVVN-NEPAL	-2,845.440	-2,968.013	-3,47,724.025	0.00
	APNRL	11,753.998	11,885.163	4,26,912.509	0.00
	GMRKEL	15,054.509	14,521.963	-12,73,677.510	-7,39,428.70
	JITPL	12,989.481	13,216.145	7,94,090.410	0.00
	TPTCL	626.737	0.000	-18,65,877.03	0.00
	BRBCL	3,211.936	3,317.382	2,81,153.465	0.00
	TALCHER SOLAR	41.368	44.741	31,070.66	0.00
	JORETHANG HEP	643.227	393.936	-4,71,976.58	-1.69
	IND Barath	0.000	-8.073	-23,925.50	0.00
	HVDC SASARAM	-26.246	-0.995	75,237.04	0.00
	VAE	-4,047.588	0.000	1,20,51,506.61	0.00
	NVVN	-11,526.417	-10,878.654	11,67,677.364	0.00
	CHUZACHEN	1,220.599	938.542	-8,87,757.005	-4,140.37
	TUL	7,111.665	7,125.600	1,36,760.563	0.00
	DIKCHU	1,411.060	1,185.091	-6,86,827.020	-285.34
	THEP	590.005	459.008	-4,11,674.006	-300.56
	HVDC ALIPURDUAR	-55.621	-13.215	1,26,207.198	0.00
	OPGC_INFIRM	0.000	-10.309	-30,778.229	0.00
MTPS-II	2,776.791	2,748.288	-28,992.449	0.00	
28/04/18	BSPHCL	-77,418.659	-76,215.385	10,86,381.28	-1,68,586.85
	JUVNL	-16,722.738	-16,215.419	-56,518.18	-46,532.01
	DVC	57,546.492	56,643.005	-28,91,438.70	-2,59,842.23
	GRIDCO	-28,475.006	-29,110.602	-16,04,878.73	-81,937.03
	SIKKIM	-1,390.491	-1,487.798	-4,46,526.14	0.00
	WBSETCL	-32,358.302	-32,473.970	-11,05,407.13	-77,671.81
	NER	-1,805.731	-17,977.220	-5,08,92,328.62	-4,57,86,980.70
	NR	-58,302.103	-42,694.815	5,04,41,610.54	-1,59,836.22
	SR	-18,836.098	-32,811.291	-4,37,59,481.68	-3,38,87,044.86
	WR	-12,892.628	2,722.986	4,73,43,488.96	0.00
	FSTPP-I & II	15,582.289	15,338.424	-7,17,091.92	0.00
	KHSTPP-I	17,391.497	17,217.475	-3,99,763.81	0.00
	TSTPP	22,320.000	22,399.482	1,90,371.33	0.00
	RANGIT	465.000	516.072	1,46,823.30	0.00
	CHPC	0.000	1,036.219	23,31,492.17	0.00
	KHPC	60.800	82.192	45,350.19	0.00
	THPC	1,976.000	502.430	-31,23,967.43	0.00
	KHSTPP-II	32,959.297	32,742.241	-4,63,708.747	0.00
	FSTPP-III	10,113.996	10,003.658	-2,91,910.036	0.00
	TEESTA	5,166.000	5,552.218	11,01,003.295	0.00
	MAITHON R/B	18,229.638	18,187.563	-74,224.183	0.00
	BARH	29,458.154	29,439.818	48,916.738	0.00
	NVVN-NEPAL	-2,845.440	-2,907.158	-1,37,710.147	0.00
	APNRL	11,773.535	11,937.527	4,95,113.674	0.00
	GMRKEL	7,215.100	7,429.454	10,47,008.089	0.00
	JITPL	17,409.176	17,419.054	63,846.720	0.00
	TPTCL	0.000	10.983	25,593.89	0.00
	BRBCL	3,318.686	3,394.964	2,21,873.985	0.00
	TALCHER SOLAR	49.840	46.681	-29,537.59	0.00
	JORETHANG HEP	829.909	406.016	-10,96,559.19	0.00
	IND Barath	0.000	-6.182	-19,606.70	0.00
	HVDC SASARAM	-26.246	-0.847	77,625.75	0.00
	VAE	-882.713	0.000	24,46,977.20	0.00
	NVVN	-11,802.783	-11,831.200	-78,074.852	0.00
	CHUZACHEN	929.528	873.449	-55,370.597	0.00
	TUL	7,909.941	7,874.909	2,37,467.262	0.00
	DIKCHU	1,361.847	1,177.273	-4,20,045.613	-418.36
	THEP	892.034	403.552	-14,53,321.345	-2,085.27
	HVDC ALIPURDUAR	-55.621	-14.072	1,27,162.177	0.00
	OPGC_INFIRM	0.000	-6.769	-20,957.188	0.00
MTPS-II	5,723.665	5,437.412	-7,21,218.381	-91,482.58	

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.
29/04/18	BSPHCL	-76,771.799	-74,420.527	32,14,445.93	0.00
	JUVNL	-18,205.792	-18,463.215	-12,60,159.83	-1,84,289.54
	DVC	49,573.531	49,269.250	-4,08,118.65	0.00
	GRIDCO	-26,568.861	-27,532.540	-19,38,873.97	-46,364.87
	SIKKIM	-1,447.007	-1,284.146	2,72,491.26	0.00
	WBSETCL	-19,691.052	-22,816.415	-66,05,881.83	-18,14,330.92
	NER	-1,286.891	-14,968.730	-2,83,24,450.09	-2,49,11,600.17
	NR	-48,419.523	-43,078.881	1,14,60,862.51	-21,27,672.26
	SR	-23,879.515	-35,156.648	-2,32,35,052.92	-1,59,67,022.04
	WR	-13,327.984	6,553.797	4,03,56,493.49	-13,703.99
	FSTPP-I & II	14,379.241	14,659.709	5,80,351.92	0.00
	KHSTPP-I	12,699.558	12,677.148	-1,01,085.89	-3,546.71
	TSTPP	22,254.708	22,228.242	-45,694.05	0.00
	RANGIT	478.500	515.970	67,918.96	0.00
	CHPC	0.000	1,084.794	24,40,786.23	0.00
	KHPC	33.760	313.009	5,92,008.30	0.00
	THPC	2,712.000	525.983	-46,34,355.93	0.00
	KHSTPP-II	28,439.294	28,405.831	56,012.939	0.00
	FSTPP-III	9,056.866	8,999.236	-1,02,765.792	0.00
	TEESTA	4,552.000	4,947.673	7,73,825.619	0.00
	MAITHON R/B	22,193.260	22,207.018	55,953.757	0.00
	BARH	28,305.240	28,126.800	-53,027.305	0.00
	NVVN-NEPAL	-2,726.880	-2,643.418	42,237.538	0.00
	APNRL	11,773.535	11,876.073	2,43,214.719	0.00
	GMRKEL	7,451.586	7,083.200	-6,10,336.792	0.00
	JITPL	17,413.084	17,390.109	-38,020.712	0.00
	TPTCL	467.822	480.909	29,189.45	0.00
	BRBCL	3,345.488	3,362.491	34,725.190	0.00
	TALCHER SOLAR	45.550	47.725	20,044.25	0.00
	JORETHANG HEP	557.331	393.088	-1,95,958.38	0.00
	IND Barath	0.000	0.000	0.00	0.00
	HVDC SASARAM	-26.157	-0.757	51,812.42	0.00
	VAE	-2,699.298	0.000	49,81,081.58	0.00
	NVVN	-11,652.211	-11,166.727	-44,741.503	0.00
	CHUZACHEN	624.607	810.084	4,49,008.030	0.00
	TUL	6,256.555	6,182.764	-38,151.171	0.00
	DIKCHU	1,570.370	1,160.000	-7,74,077.994	-18,681.92
	THEP	560.426	421.472	-1,75,926.866	0.00
	HVDC ALIPURDUAR	-55.621	-14.278	84,344.004	0.00
	OPGC INFIRM	0.000	-2.798	-5,591.386	0.00
	MTPS-II	6,805.638	6,677.696	-2,73,312.177	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES					
	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 23/04/18 TO 29/04/18	BSPHCL	-5,69,475.71	-5,63,128.35	69,46,813.00	-4,87,511.09
	JUVNL	-1,25,770.64	-1,33,053.75	-2,42,93,696.00	-21,48,491.76
	DVC	4,15,744.16	4,11,608.25	-96,38,629.00	-9,71,298.61
	GRIDCO	-1,97,769.94	-2,06,404.18	-1,56,02,207.00	-11,84,053.35
	SIKKIM	-10,089.19	-9,824.21	6,33,373.00	0.00
	WBSETCL	-2,95,340.94	-2,98,609.94	-2,71,07,934.00	-36,16,629.11
	NER	-7,954.38	-1,07,868.46	-26,23,88,731.00	0.00
	NR	-3,57,594.88	-2,75,712.05	21,59,58,592.00	0.00
	SR	-58,167.20	-2,36,967.23	-47,98,21,235.00	0.00
	WR	-52,646.52	1,52,162.15	54,10,89,511.00	0.00
	FSTPP-I & II	1,11,884.60	1,11,194.20	-18,79,307.65	-25,979.09
	KHSTPP-I	1,13,287.83	1,12,520.33	-16,96,519.08	-71,229.41
	KHSTPP-II	2,24,331.48	2,23,757.45	-11,03,436.40	0.00
	TSTPP	1,31,500.19	1,32,181.80	16,01,382.73	0.00
	FSTPP-III	70,965.64	69,762.46	-27,71,681.61	-3,869.94
	TEESTA	37,720.00	40,693.93	74,55,908.00	0.00
	MAITHON R/B	1,16,006.54	1,15,604.11	-7,78,937.06	-9,061.90
	RANGIT	3,749.00	4,096.16	9,05,507.00	0.00
	BARH	2,04,144.96	2,03,861.34	-1,50,139.97	-1,86,552.98
	NVVN-NEPAL	-19,799.52	-20,261.29	-17,06,658.00	0.00
	APNRL	67,679.42	68,637.89	27,20,335.00	-4,091.16
	GMRKEL	81,844.53	79,872.87	-31,65,976.00	-8,30,382.22
	JITPL	91,095.84	91,514.76	14,02,184.00	0.00
	TPTCL	1,277.36	491.89	-21,78,484.00	0.00
	BRBCL	22,872.02	23,436.98	14,00,565.48	-61.30
	TALCHER SOLAR	328.19	328.07	-8,202.00	0.00
	JORETHANG HEP	4,557.36	3,153.86	-29,77,156.00	-251.99
	IND Barath	0.00	-43.35	-1,19,827.00	0.00
	HVDC SASARAM	-183.23	-6.19	4,68,589.00	0.00
	VAE	-15,932.63	0.00	4,09,01,622.36	0.00
	NVVN-BD	-80,569.39	-79,479.16	8,01,830.00	0.00
	CHUZACHEN	8,303.30	8,295.16	-42,479.00	-8,776.73
	TUL	53,175.05	52,940.00	5,13,374.11	-155.08
	DIKCHU	10,199.70	10,520.54	8,27,940.10	-19,576.08
	THEP	4,676.94	3,090.66	-39,78,507.94	-5,203.39
	HVDC ALIPURDUAR	-389.35	-103.67	7,54,782.00	0.00
	OPGC INFIRM	0.00	-37.34	-1,03,903.26	0.00
	MTPS-II	31,263.27	30,457.29	-18,66,541.81	-1,05,476.97

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: 23/05/2018

RRAS Account for Week: 23-Apr-18 to 29-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	1269.24600	1080127	3109653	634622	4824404
2	FSTPP-III	2214.57800	3377233	5494369	1107289	9978891
3	KHSTPP-I	4829.08800	4969131	12183788	2414544	19567465
4	KHSTPP-II	5168.88100	5706443	12472509	2584439	20763393
5	TSTPP-I	96.58800	90214	170672	48294	309179
6	BARH	2075.52800	3870858	4354457	1037764	9263079
7	BRBCL	576.06600	1471272	1111807	288033	2871112

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	0.00000	0	0
3	FSTPP-III	0.00000	0	0
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
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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	1269.24600	513178	BSPHCL
			87031	GRIDCO
			256779	WBSETCL
			157202	ASSAM
			8759	DELHI
			7094	HARYANA
			1052	RAJASTHAN
2	FSTPP-III	2214.57800	49032	UP
			956318	BSPHCL
			1235086	JUVNL
			417609	GRIDCO
3	KHSTPP-I	4829.08800	768220	WBSETCL
			3348645	BSPHCL
			473462	GRIDCO
			102141	WBSETCL
			95886	ASSAM
			79666	DELHI
			97168	HARYANA
			102393	PUNJAB
4	KHSTPP-II	5168.88100	29437	RAJASTHAN
			640333	UP
			473420	BSPHCL
			85371	GRIDCO
			106702	WBSETCL
			826890	ASSAM
			657585	CHATTISGARH
			136251	DELHI
			127420	HARYANA
			13204	HP
			651890	MP
			298803	PUNJAB
5	TSTPP-I	96.58800	165584	RAJASTHAN
			2102680	UP
6	BARH	2075.52800	60643	UTTARAKHAND
			90214	WBSETCL
			3591319	BSPHCL
7	BRBCL	576.06600	61545	JUVNL
			217994	GRIDCO
			1463853	MAHARASHTRA
			7419	MP

A) RRAS settlement account for the week 23-Apr-18 to 29-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-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.