



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: 20.02.2018

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 29.01.2018 to 04.02.2018.

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 29.01.18 TO 04.02.18**

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
WBSETCL	507.77674	106.87840	614.65514	DVC	34.38908	0.08464	34.30445
GRIDCO	478.04813	125.42166	603.46979	SIKKIM	4.57111	0.00830	4.56280
BSPHCL	139.92942	5.21780	145.14722	HVDC ALIPURDUAR	6.14616	0.13855	6.00761
JUVNL	71.74836	8.15674	79.90510	HVDC SASARAM	1.48635	0.00174	1.48461
SR	2715.71423	0.00000	2715.71423	WR	4237.66030	0.00000	4237.66030
NR	487.19714	0.00000	487.19714	NER	12.06297	0.00000	12.06297
NVVN-NEPAL	45.36095	0.00000	45.36095	MAITHON R/B	13.05077	0.08186	12.96892
NVVN-BD	9.48510	5.27737	14.76247	BRBCL	7.97409	0.00381	7.97028
GMRKEL	21.67649	0.03291	21.70940	TEESTA	25.25243	0.16925	25.08318
FSTPP I&II	16.63639	0.00000	16.63639	RANGIT	5.02192	0.17354	4.84837
KHSTPP-I	11.85497	0.08737	11.94235	Teesta-III(TUL)	4.41784	0.00535	4.41249
KHSTPP-II	10.94643	0.00930	10.95573	DIKCHU	1.96918	0.00984	1.95934
TSTPP	4.93849	0.00000	4.93849	CHUZACHEN	0.89725	0.00000	0.89725
BARH	3.23190	0.00000	3.23190	JITPL	15.78406	0.00000	15.78406
FSTPP-III	1.34611	2.29619	3.64229	APNRL	6.62886	2.14630	4.48256
TPTCL	38.29492	0.00000	38.29492	TALCHER SOLAR	1.05307	0.00000	1.05307
JORETHANG LOOP HEP	3.08472	0.00036	3.08508				
THEP	1.25199	0.00006	1.25205				
IND BARATH	1.50131	0.00000	1.50131				
OPGC_INFIRM	0.08614	0.00000	0.08614				
TOTAL	4570.10993	253.37816	4823.48809		4378.36542	2.82317	4375.54225

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

256.20133

(All figures in Rs. Lakhs)

Payable to the pool(A):	4570.10993
Payable from the pool(B):	4378.36542
Differential Amount Arising from capping of Thermal Power Stations(A-B)	191.74452
Additional Deviation Amount:	256.20133
VAE of Eastern Region:	222.28602

**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.
29/01/18	BSPHCL	-62,508.728	-62,691.679	-9,79,846.58	-89,410.05
	JUVNL	-14,009.334	-14,128.789	-7,70,698.81	-97,587.22
	DVC	37,654.339	38,622.951	23,63,844.86	0.00
	GRIDCO	-24,096.155	-27,878.696	-86,62,269.50	-25,78,493.11
	SIKKIM	-1,756.065	-1,657.031	1,92,165.12	0.00
	WBSETCL	-19,746.843	-22,387.529	-63,15,518.21	-17,95,655.50
	NER	-4,031.667	5,273.864	2,13,92,311.83	-2,32,169.82
	NR	-50,522.154	-57,873.171	-1,68,90,813.19	-1,03,33,772.84
	SR	-17,675.444	-29,395.597	-2,75,10,249.64	-2,21,60,685.38
	WR	-16,342.978	2,807.857	4,59,51,682.70	-1,98,694.01
	FSTPP-I & II	33,341.007	32,970.192	-7,89,429.82	0.00
	KHSTPP-I	14,666.345	14,525.509	-3,07,225.78	0.00
	TSSTPP	15,998.889	16,038.739	1,34,198.20	0.00
	RANGIT	418.500	465.876	1,10,310.97	0.00
	CHPC	1,104.000	-2.979	-24,90,701.68	0.00
	KHPC	432.000	-226.732	-13,96,510.99	0.00
	THPC	2,040.000	-1.663	-43,28,325.76	0.00
	KHSTPP-II	29,362.887	29,333.526	-23,725.70	-930.10
	FSTPP-III	8,906.255	8,897.189	10,820.61	0.00
	TEESTA	2,032.000	2,177.273	3,36,390.07	0.00
	MAITHON R/B	22,369.624	22,501.854	3,39,291.11	0.00
	BARH	28,364.358	28,300.254	-77,776.775	0.00
	NVUN-NEPAL	-2,827.008	-2,970.797	-3,58,965.366	0.00
	APNRL	5,902.842	5,945.963	1,15,102.267	-70.01
	GMRKEL	6,552.861	6,335.854	-3,53,182.940	-301.44
	JITPL	10,582.446	10,706.545	1,91,204.20	-25,745.08
	TPTCL	920.658	457.068	-10,86,313.83	0.00
	BRBCL	4,587.625	4,613.000	61,042.463	0.00
	TALCHER SOLAR	44.043	44.651	5,326.51	0.00
	JORETHANG HEP	0.000	0.000	0.00	0.00
	IND Barath	0.000	-9.818	-23,720.11	0.00
	HVDC SASARAM	-23.708	-15.143	20,487.072	-189.67
	VAE	-1,244.313	0.000	30,58,982.822	0.00
	NVUN	-9,816.590	-9,922.363	-3,31,190.406	-2,43,707.02
	CHUZACHEN	358.496	361.876	1,404.727	0.00
	TUL	4,767.397	4,788.509	1,13,500.530	0.00
DIKCHU	215.465	233.727	43,267.247	0.00	
THEP	0.000	0.000	0.000	0.00	
HVDC ALIPURDUAR	-55.184	-12.785	99,975.656	-844.85	
OPGC INFIRM	0.000	-0.218	-533.613	0.00	
30/01/18	BSPHCL	-61,481.047	-62,244.195	-25,30,459.41	-2,80,432.87
	JUVNL	-13,815.091	-13,027.711	2,68,027.23	-3,11,050.20
	DVC	35,825.644	34,682.629	-31,81,791.68	-5,08,065.92
	GRIDCO	-20,069.500	-22,835.435	-73,11,425.71	-18,97,704.22
	SIKKIM	-1,845.723	-1,708.334	3,28,703.85	0.00
	WBSETCL	-18,421.042	-20,200.040	-46,07,036.58	-11,69,104.93
	NER	-2,928.910	1,099.816	90,83,872.12	-3,13,670.40
	NR	-55,931.013	-52,909.968	89,13,785.83	-79,22,072.19
	SR	3,266.972	-32,757.316	-9,29,22,338.22	-8,79,52,245.32
	WR	-31,383.731	5,804.332	6,91,26,897.08	-6,89,979.30
	FSTPP-I & II	27,769.442	27,380.202	-8,84,048.39	0.00
	KHSTPP-I	14,094.051	14,121.081	1,01,881.44	0.00
	TSSTPP	22,606.852	22,583.175	-44,476.28	0.00
	RANGIT	436.500	472.368	93,179.40	0.00
	CHPC	1,200.000	-50.891	-28,14,505.53	0.00
	KHPC	384.000	-246.215	-13,36,055.38	0.00
	THPC	2,000.000	-28.416	-43,00,241.32	0.00
	KHSTPP-II	29,135.112	29,107.331	51,961.459	0.00
	FSTPP-III	7,151.851	7,077.506	-4,03,999.527	-2,29,618.73
	TEESTA	2,032.000	2,202.254	4,52,506.924	0.00
	MAITHON R/B	21,983.260	22,103.163	2,88,475.042	0.00
	BARH	26,550.345	26,539.854	2,02,260.521	0.00
	NVUN-NEPAL	-2,827.008	-2,982.499	-4,01,221.517	0.00
	APNRL	5,902.842	5,935.200	97,758.308	0.00
	GMRKEL	6,553.419	6,552.436	1,44,386.886	0.00
	JITPL	9,848.585	10,037.891	4,97,885.081	-2,863.11
	TPTCL	920.658	460.651	-11,64,380.63	0.00
	BRBCL	4,523.358	4,597.018	1,66,467.860	0.00
	TALCHER SOLAR	47.448	53.027	52,078.846	0.00
	JORETHANG HEP	0.000	0.000	0.000	0.00
	IND Barath	0.000	-9.455	-23,862.863	0.00
	HVDC SASARAM	-23.708	-15.622	20,723.187	-188.86
	VAE	-1,926.250	0.000	53,76,807.974	0.00
	NVUN	-9,869.572	-9,851.563	-55,416.995	-1,58,914.85
	CHUZACHEN	252.139	253.318	18,578.666	0.00
	TUL	3,658.302	3,679.200	1,29,092.470	0.00
DIKCHU	215.465	214.909	3,469.174	0.00	
THEP	0.000	0.000	0.000	0.00	
HVDC ALIPURDUAR	-50.370	-12.733	96,382.380	-705.72	
OPGC INFIRM	0.000	-0.727	-2,126.247	0.00	
31/01/18	BSPHCL	-62,619.804	-62,744.616	-8,10,252.51	-32,835.93
	JUVNL	-13,709.021	-12,388.423	7,67,012.67	-74,938.70
	DVC	35,066.135	36,684.561	34,63,021.75	-21,602.82
	GRIDCO	-19,047.816	-20,222.822	-25,71,488.44	-9,04,285.67
	SIKKIM	-1,819.947	-1,732.429	2,02,807.68	-8,695.97
	WBSETCL	-19,234.943	-20,986.783	-40,58,194.10	-8,03,214.73
	NER	-2,915.875	-542.098	64,45,052.12	-53,392.29
	NR	-55,793.296	-55,579.129	-11,57,168.96	-1,00,57,902.62
	SR	-19,709.201	-30,767.365	-2,54,87,733.87	-1,93,08,761.66
	WR	-12,915.614	-1,408.929	2,67,16,636.60	-3,76,082.71
	FSTPP-I & II	29,654.792	29,749.218	2,19,625.33	0.00
	KHSTPP-I	12,952.174	12,882.860	-94,702.93	0.00
	TSSTPP	22,620.000	22,584.095	84,069.38	0.00
	RANGIT	391.500	410.969	26,280.95	0.00
	CHPC	1,200.000	-94.496	-29,12,615.31	0.00
	KHPC	540.000	-115.855	-13,90,413.02	0.00
	THPC	1,600.000	-52.763	-35,03,856.82	0.00
	KHSTPP-II	28,419.628	28,348.850	-9,913.905	0.00
	FSTPP-III	7,890.411	7,858.563	-61,799.127	0.00
	TEESTA	2,672.000	2,866.509	4,47,147.582	-3,365.82
	MAITHON R/B	22,924.100	22,928.000	30,449.844	0.00
	BARH	28,829.637	28,673.345	71,959.287	0.00
	NVUN-NEPAL	-2,827.008	-2,950.589	-2,58,791.355	0.00
	APNRL	5,902.842	5,949.309	1,41,177.101	0.00
	GMRKEL	6,553.419	6,426.836	32,913.246	0.00
	JITPL	10,542.654	10,673.963	1,52,577.495	-9,772.84
	TPTCL	920.658	461.440	-10,24,580.18	0.00
	BRBCL	4,451.486	4,491.145	1,67,973.648	0.00
	TALCHER SOLAR	49.560	49.803	2,272.050	0.00
	JORETHANG HEP	0.000	8.288	11,320.064	0.00
	IND Barath	0.000	-9.964	-22,807.013	0.00
	HVDC SASARAM	-23.708	-14.485	20,849.423	-142.41
	VAE	-1,344.438	0.000	28,68,522.679	0.00
	NVUN	-9,819.567	-9,997.600	-4,66,865.510	-63,256.52
	CHUZACHEN	252.139	255.446	4,417.027	0.00
	TUL	3,969.896	3,941.527	-3,208.417	-129.45
DIKCHU	257.641	250.818	21,337.849	0.00	
THEP	0.000	-0.352	-1,581.875	0.00	
HVDC ALIPURDUAR	-55.184	-12.530	96,274.376	-763.68	
OPGC INFIRM	0.000	-0.727	-1,401.915	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.	
01-02-18	BSPHCL	-63,038.366	-63,321.070	-7,97,481.06	-20,179.09	
	JUVNL	-13,874.410	-13,776.797	-1,13,310.84	-54,354.03	
	DVC	41,853.803	42,723.253	13,95,186.21	-28,079.14	
	GRIDCO	-18,613.489	-21,296.702	-53,58,811.51	-13,77,177.36	
	SIKKIM	-1,688.602	-1,691.155	-24,955.66	0.00	
	WBSETCL	-18,146.964	-18,536.701	-7,28,693.20	-69,698.86	
	NER	-4,774.430	-10,585.616	-1,09,31,287.42	-84,18,121.87	
	NR	-42,186.693	-56,711.765	-2,98,64,892.76	-2,32,50,062.53	
	SR	-24,212.012	-41,723.778	-3,45,73,281.70	-2,63,79,003.32	
	WR	-27,537.026	17,008.585	8,61,20,490.34	0.00	
	FSTPP-I & II	30,473.502	30,394.122	-2,39,964.82	0.00	
	KHSTPP-I	14,158.342	14,001.883	-2,90,871.26	-287.47	
	TSTPP	21,731.715	21,608.120	-1,38,618.92	0.00	
	RANGIT	382.500	433.625	1,11,893.03	0.00	
	CHPC	1,130.000	-67.902	-26,95,278.42	0.00	
	KHPC	450.000	76.252	-7,92,346.61	0.00	
	THPC	1,510.000	-47.538	-33,01,980.50	0.00	
	KHSTPP-II	29,397.312	29,214.128	-3,06,533.68	0.00	
	FSTPP-III	7,804.740	7,792.386	-5,205.12	0.00	
	TEESTA	1,872.000	2,005.564	2,97,298.54	0.00	
	MAITHON R/B	21,628.000	21,705.200	1,74,527.10	0.00	
	BARH	28,781.871	28,482.381	-2,68,043.497	0.00	
	NVVN-NEPAL	-2,473.632	-2,892.912	-8,32,738.946	0.00	
	APNRL	5,892.166	5,919.636	77,630.02	0.00	
	GMRKEL	6,546.567	6,162.473	-5,39,584.25	-2,989.88	
	JITPL	9,949.936	10,057.745	1,08,639.45	0.00	
	TP TCL	534.219	461.738	-1,37,017.37	0.00	
	BRBCL	4,483.217	4,490.000	45,630.251	0.00	
	TALCHER SOLAR	49.905	52.472	23,998.18	0.00	
	JORETHANG HEP	343.343	292.352	-67,573.61	0.00	
	IND Barath	0.000	-8.800	-17,038.22	0.00	
	HVDC SASARAM	-24.666	-14.347	20,004.17	0.00	
	VAE	-1,043.083	0.000	23,93,482.63	0.00	
	NVVN	-9,833.246	-9,761.891	1,12,753.21	-4,616.84	
	CHUZACHEN	252.139	260.628	-4,010.99	0.00	
	TUL	3,497.614	3,491.927	43,564.540	0.00	
	DIKCHU	167.584	179.455	25,446.552	0.00	
	THEP	420.996	390.144	-18,973.961	0.00	
	HVDC ALIPURDUAR	-55.184	-12.800	81,746.188	0.00	
	OPGC_INFIRM	0.000	-0.582	-1,083.632	0.00	
	02-02-18	BSPHCL	-64,974.220	-64,769.530	-6,20,967.78	-30,054.50
		JUVNL	-14,173.534	-14,664.011	-13,01,509.34	-1,31,628.04
		DVC	45,902.133	46,603.725	11,68,765.12	-47,383.24
		GRIDCO	-20,178.217	-23,400.130	-66,53,434.19	-15,21,180.88
		SIKKIM	-1,708.358	-1,703.907	-6,574.04	0.00
		WBSETCL	-16,458.730	-19,233.893	-56,96,674.35	-21,19,888.92
		NER	-4,593.093	-16,073.709	-2,43,27,881.00	-2,07,56,319.34
NR		-45,817.924	-48,756.123	-66,66,907.80	-64,67,859.22	
SR		-29,039.688	-44,487.591	-3,33,62,754.77	-2,31,04,939.15	
WR		-24,270.255	13,210.635	8,02,78,886.05	0.00	
FSTPP-I & II		31,137.981	31,031.064	-2,63,498.01	0.00	
KHSTPP-I		14,275.136	14,218.523	-72,275.31	-57.13	
TSTPP		22,473.200	22,372.228	-1,85,207.44	0.00	
RANGIT		418.500	449.239	71,456.34	0.00	
CHPC		950.000	-66.289	-22,86,650.06	0.00	
KHPC		180.000	21.100	-3,36,868.85	0.00	
THPC		1,380.000	-46.409	-30,23,987.09	0.00	
KHSTPP-II		29,293.324	28,983.468	-5,97,258.000	0.00	
FSTPP-III		8,228.171	8,272.426	1,06,220.202	0.00	
TEESTA		1,872.000	2,001.273	2,75,213.778	0.00	
MAITHON R/B		21,660.813	21,774.654	2,67,293.683	0.00	
BARH		28,950.355	28,917.490	1,01,316.421	0.00	
NVVN-NEPAL		-2,473.632	-2,912.918	-9,34,764.164	0.00	
APNRL		5,892.166	5,948.945	1,29,701.766	0.00	
GMRKEL		6,539.573	6,274.473	-4,55,015.616	0.00	
JITPL		9,919.366	10,037.091	2,09,208.569	0.00	
TP TCL		534.219	453.821	-1,70,972.54	0.00	
BRBCL		4,559.918	4,572.927	40,293.922	0.00	
TALCHER SOLAR		50.928	53.996	28,639.00	0.00	
JORETHANG HEP		351.059	338.400	33,339.01	-25.28	
IND Barath		0.000	-9.382	-20,362.43	0.00	
HVDC SASARAM		-25.799	-14.536	24,041.37	0.00	
VAE		-2,410.648	0.000	54,19,145.95	0.00	
NVVN		-7,402.943	-7,385.600	33,764.027	-53,701.92	
CHUZACHEN		249.593	260.188	22,502.736	0.00	
TUL		3,924.764	3,924.945	70,001.569	0.00	
DIKCHU		239.405	254.455	36,106.322	0.00	
THEP		428.637	397.760	-33,526.861	0.00	
HVDC ALIPURDUAR		-55.184	-14.874	85,880.413	0.00	
OPGC_INFIRM		0.000	-0.364	-587.285	0.00	
03-02-18		BSPHCL	-65,864.147	-64,708.015	15,97,477.56	-14,217.73
		JUVNL	-14,227.106	-14,490.872	-6,05,290.65	-18,576.50
		DVC	43,949.741	45,272.505	29,77,779.44	0.00
		GRIDCO	-18,398.537	-22,180.197	-83,89,234.07	-27,56,361.20
		SIKKIM	-1,629.584	-1,665.668	-71,127.59	0.00
		WBSETCL	-19,747.112	-21,947.812	-47,52,907.41	-12,34,179.91
		NER	-4,561.295	-12,514.709	-1,78,69,661.03	-1,69,86,318.68
	NR	-55,746.089	-51,406.733	82,02,227.81	-23,38,204.35	
	SR	-26,773.239	-45,532.984	-4,06,88,765.93	-3,11,24,551.34	
	WR	-13,204.939	14,547.945	6,00,68,305.91	0.00	
	FSTPP-I & II	31,298.196	31,355.651	3,19,118.49	0.00	
	KHSTPP-I	13,913.377	13,787.674	-2,57,201.32	-1,054.17	
	TSTPP	22,592.225	22,515.481	-1,41,999.06	0.00	
	RANGIT	396.000	426.086	54,818.83	0.00	
	CHPC	314.480	-64.442	-8,52,573.72	0.00	
	KHPC	393.440	-1.843	-8,38,000.38	0.00	
	THPC	1,182.480	-45.116	-26,02,502.91	0.00	
	KHSTPP-II	28,829.828	28,791.021	-14,314.345	0.00	
	FSTPP-III	7,961.276	8,054.021	1,87,088.783	0.00	
	TEESTA	2,392.000	2,599.564	4,78,584.086	0.00	
	MAITHON R/B	22,071.438	22,156.145	2,37,587.983	0.00	
	BARH	29,334.767	29,232.254	-73,962.476	0.00	
	NVVN-NEPAL	-2,473.632	-2,909.040	-9,70,298.517	0.00	
	APNRL	5,903.926	5,950.036	1,01,720.349	0.00	
	GMRKEL	6,545.430	6,328.436	-3,17,222.316	0.00	
	JITPL	10,255.062	10,338.618	2,09,763.668	0.00	
	TP TCL	534.219	448.129	-1,88,591.11	0.00	
	BRBCL	4,505.346	4,580.418	1,88,468.909	0.00	
	TALCHER SOLAR	47.700	45.449	-21,048.72	0.00	
	JORETHANG HEP	417.176	340.576	-1,48,808.69	-3.02	
	IND Barath	0.000	-10.982	-24,139.37	0.00	
	HVDC SASARAM	-25.799	-14.899	24,245.59	0.00	
	VAE	-1,397.833	0.000	33,93,499.14	0.00	
	NVVN	-8,540.871	-8,519.782	-32,555.914	-1,302.48	
	CHUZACHEN	249.847	264.835	27,537.776	0.00	
	TUL	4,809.556	4,804.218	745.513	0.00	
	DIKCHU	191.524	204.091	35,227.388	0.00	
	THEP	428.637	392.352	-39,812.267	-3.95	
	HVDC ALIPURDUAR	-55.184	-15.449	88,232.762	0.00	
	OPGC_INFIRM	0.000	-0.800	-1,891.949	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.
04-02-18	BSPHCL	-66,257.227	-65,748.380	3,24,306.89	-54,650.00
	JUVNL	-13,471.131	-14,035.448	-12,23,759.09	-1,27,539.02
	DVC	42,913.117	43,873.806	16,32,551.10	-5,694.36
	GRIDCO	-20,423.648	-23,725.904	-56,60,189.95	-15,06,963.37
	SIKKIM	-1,495.301	-1,378.724	1,58,158.89	0.00
	WBSETCL	-17,120.221	-21,542.228	-76,06,793.72	-34,96,096.92
	NER	-4,469.151	5,693.739	1,74,13,890.03	0.00
	NR	-52,476.452	-60,131.152	-1,12,55,944.99	-79,85,590.42
	SR	-28,650.778	-38,430.959	-1,70,26,299.10	-1,12,55,406.18
	WR	-3,420.128	14,096.104	2,85,03,131.18	0.00
	FSTPP-I & II	23,935.610	23,904.377	-25,441.49	0.00
	KHSTPP-I	14,549.258	14,388.365	-2,65,102.20	-7,338.48
	TSTPP	22,606.852	22,435.043	-2,01,814.58	0.00
	RANGIT	373.500	396.374	34,252.34	0.00
	CHPC	314.480	53.539	-5,87,117.09	0.00
	KHPC	181.040	-337.086	-10,98,427.12	0.00
	THPC	899.600	37.483	-18,27,688.50	0.00
	KHSTPP-II	28,064.219	27,856.096	-1,94,858.750	0.00
	FSTPP-III	6,737.310	6,748.568	32,263.659	0.00
	TEESTA	2,272.000	2,418.182	2,38,101.748	-807.80
	MAITHON R/B	21,878.563	21,806.981	-32,547.594	0.00
	BARH	28,877.339	28,514.836	-2,78,943.013	0.00
	NVVN-NEPAL	-2,473.632	-2,937.600	-7,79,315.399	0.00
	APNRL	6,543.926	5,896.000	-204.132	0.00
	GMRKEL	5,545.430	6,044.654	-6,79,943.651	0.00
	JITPL	10,127.158	10,235.345	2,09,127.499	0.00
	TPTCL	485.271	449.371	-57,636.83	0.00
	BRCL	4,226.556	4,300.363	1,27,531.636	0.00
	TALCHER SOLAR	46.895	48.397	14,041.36	0.00
	JORETHANG HEP	417.176	297.792	-1,36,748.62	-7.54
	IND Barath	0.000	-11.345	-18,201.39	0.00
	HVDC SASARAM	-25.799	-14.875	18,283.91	0.00
	VAE	88.648	0.000	-2,81,838.86	0.00
	NVVN	-10,129.517	-10,114.363	-2,08,998.608	-2,237.28
	CHUZACHEN	137.276	141.671	19,295.258	0.00
	TUL	3,958.289	3,988.436	88,087.823	0.00
	DIKCHU	191.524	204.273	32,063.283	0.00
	THEP	428.637	388.576	-31,304.328	-1.97
	HVDC ALIPURDUAR	-55.184	-15.742	66,123.978	0.00
	OPGC INFIRM	0.000	-0.582	-988.913	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 29/01/18 TO 04-02-18	BSPHCL	-4,46,743.54	-4,46,227.49	-1,39,92,942.00	-5,21,780.18
	JUVNL	-97,279.63	-96,512.05	-71,74,836.00	-8,15,673.71
	DVC	2,83,164.91	2,88,463.43	34,38,908.00	-6,10,825.48
	GRIDCO	-1,40,827.36	-1,61,539.89	-4,78,04,813.00	-1,25,42,165.81
	SIKKIM	-11,943.58	-11,537.25	4,57,111.00	-8,695.97
	WBSETCL	-1,28,875.85	-1,44,834.99	-5,07,77,674.00	-1,06,87,839.77
	NER	-28,274.42	-27,648.71	12,06,297.00	0.00
	NR	-3,58,473.62	-3,83,368.04	-4,87,19,714.00	0.00
	SR	-1,42,793.39	-2,63,095.59	-27,15,71,423.00	0.00
	WR	-1,29,074.67	66,066.53	42,37,66,030.00	0.00
	FSTPP-I & II	2,07,610.53	2,06,784.83	-16,63,638.71	0.00
	KHSTPP-I	98,608.68	97,925.90	-11,85,497.38	-8,737.26
	KHSTPP-II	2,02,502.31	2,01,634.42	-10,94,642.92	-930.10
	TSTPP	1,50,629.73	1,50,136.88	-4,93,848.70	0.00
	FSTPP-III	54,680.01	54,700.66	-1,34,610.53	-2,29,618.73
	TEESTA	15,144.00	16,270.62	25,25,243.00	-4,173.61
	MAITHON R/B	1,54,515.80	1,54,976.00	13,05,077.17	0.00
	RANGIT	2,817.00	3,054.54	5,02,192.00	0.00
	BARH	1,99,688.67	1,98,660.42	-3,23,189.53	0.00
	NVVN-NEPAL	-18,375.55	-20,556.36	-45,36,095.00	0.00
	APNRL	41,300.71	41,545.09	6,62,886.00	-70.01
	GMRKEL	45,836.70	44,125.16	-21,67,649.00	-3,291.31
	JITPL	71,225.21	72,087.20	15,78,406.00	-38,381.03
	TPTCL	4,849.90	3,192.22	-38,29,492.00	0.00
	BRCL	31,337.51	31,644.87	7,97,408.69	0.00
	TALCHER SOLAR	336.48	347.79	1,05,307.00	0.00
	JORETHANG HEP	1,528.75	1,277.41	-3,08,472.00	-35.84
	IND Barath	0.00	-69.75	-1,50,131.00	0.00
	HVDC SASARAM	-173.19	-103.91	1,48,635.00	-520.94
	VAE	-9,277.92	0.00	2,22,28,602.33	0.00
	NVVN-BD	-65,412.30	-65,553.16	-9,48,510.00	-5,27,736.91
	CHUZACHEN	1,751.63	1,797.96	89,725.00	0.00
TUL	28,585.82	28,618.76	4,41,784.03	-129.45	
DIKCHU	1,478.61	1,541.73	1,96,917.82	0.00	
THEP	1,706.91	1,568.48	-1,25,199.29	-5.92	
HVDC ALIPURDUAR	-381.48	-96.91	6,14,616.00	-2,314.25	
OPGC INFIRM	0.00	-4.00	-8,613.55	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: 20/02/2018

RRAS Account for Week: 29-Jan-18 to 04-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	1373.54700	1168889	3336346	686774	5192010
2	FSTPP-III	734.95000	1120799	1790338	367475	3278612
3	KHSTPP-I	1955.34300	2012048	4817965	977670	7807683
4	KHSTPP-II	3021.47500	3335708	7118594	1510738	11965041
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	761.20400	1419644	1594722	380602	3394968
7	BRBCL	2327.67800	7290289	4452849	1163840	12906976

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	12.50000	23913	17934
2	FSTPP I & II	155.77617	378380	283785
3	FSTPP-III	9.25000	22533	16900
4	KHSTPP-I	95.25000	234696	176022
5	KHSTPP-II	2.64929	6242	4681
6	TSTPP-I	0.00000	0	0
7	BARH	338.68500	709545	532159

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	1373.54700	373347	BSPHCL
			120546	JUVNL
			232315	GRIDCO
			32202	SIKKIM
			233435	WBSETCL
			83889	DELHI
			9888	HARYANA
			39160	PUNJAB
			6459	RAJASTHAN
			37648	UP
2	FSTPP-III	734.95000	135814	BSPHCL
			234528	JUVNL
			12687	DVC
			525560	GRIDCO
			209912	WBSETCL
			2297	ASSAM
3	KHSTPP-I	1955.34300	955181	BSPHCL
			585559	GRIDCO
			90316	WBSETCL
			206367	DELHI
			31403	HARYANA
			26988	PUNJAB
			16024	RAJASTHAN
			100210	UP
4	KHSTPP-II	3021.47500	31640	BSPHCL
			141764	GRIDCO
			263155	WBSETCL
			9588	ASSAM
			753516	CHATTISGARH
			659764	DELHI
			2050	GUJARAT
			41070	HARYANA
			30311	MAHARASHTRA
			748993	MP
			107286	PUNJAB
			23178	RAJASTHAN
			503950	UP
19443	UTTARAKHAND			
5	TSTPP-I	0.00000	0	-
6	BARH	761.20400	1065548	BSPHCL
			308975	JUVNL
			22741	GRIDCO
			22380	SIKKIM
7	BRBCL	2327.67800	2008406	DVC_Railway
			607621	BSPHCL
			4255353	MAHARASHTRA
			418909	MP

A) RRAS settlement account for the week 29-Jan-18 to 04-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.