



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: 05.02.2018

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 15.01.2018 to 21.01.2018.

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 15.01.18 TO 21.01.18**

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	368.15068	70.51759	438.66827	DVC	25.15753	3.90334	21.25419
WBSETCL	355.63393	49.61342	405.24735	SIKKIM	16.54593	0.02263	16.52329
JUVNL	163.13127	8.73541	171.86668	HVDC ALIPURDUAR	6.21412	0.01599	6.19813
BSPHCL	20.57807	3.95899	24.53707	HVDC SASARAM	1.16878	0.00294	1.16584
SR	2043.71976	0.00000	2043.71976	WR	3091.20659	0.00000	3091.20659
NR	38.97137	0.00000	38.97137	BRBCL	14.81610	0.01330	14.80279
NER	27.56919	0.00000	27.56919	TEESTA	35.11335	0.00000	35.11335
NVVN-NEPAL	25.93704	0.00000	25.93704	RANGIT	5.94444	0.01830	5.92614
NVVN-BD	22.20177	3.57281	25.77458	Teesta-III(TUL)	2.01578	0.00136	2.01442
GMRKEL	43.80170	0.04990	43.85160	DIKCHU	1.38482	0.00000	1.38482
BARH	12.22048	0.00000	12.22048	CHUZACHEN	0.55299	0.03392	0.51907
MAITHON R/B	10.54546	9.63626	20.18173	JITPL	10.99706	0.05224	10.94483
KHSTPP-II	9.01372	3.04990	12.06362	TALCHER SOLAR	1.76061	0.00000	1.76061
KHSTPP-I	7.63060	0.00516	7.63575				
FSTPP I&II	7.14247	0.00000	7.14247				
TSTPP	4.33811	3.46792	7.80604				
FSTPP-III	3.63701	0.17047	3.80748				
TPTCL	60.25231	0.00000	60.25231				
JORETHANG LOOP HEP	3.39160	0.04424	3.43583				
THEP	1.82895	0.00000	1.82895				
APNRL	16.91331	16.28615	33.19946				
IND BARATH	1.28721	0.00000	1.28721				
OPGC_INFIRM	0.03626	0.00000	0.03626				
TOTAL	3247.93228	169.10822	3417.04050		3212.87809	4.06402	3208.81407

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

173.17224

(All figures in Rs. Lakhs)	
Payable to the pool(A):	3247.93228
Payable from the pool(B):	3212.87809
Differential Amount Arising from capping of Thermal Power Stations(A-B)	35.05419
Additional Deviation Amount:	173.17224
VAE of Eastern Region:	107.91285

**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 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 w.e.f 00.00 hrs of 20.09.15 and the same has been declared commercial w.e.f 00.00 hrs of 26.09.15.

U#2 of the same project declared commercial w.e.f 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 w.e.f 00:00 Hrs of 15.01.17.

xxxi) As informed by ERLDC, TUL unit-02, 03 & 04 declared COD w.e.f 00:00 Hrs of 23.02.17. TUL Unit 01, 05 & 06 declared COD w.e.f 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 w.e.f 31.03.17.

xxxiv) As informed by ERLDC, BRBCL Unit-2 started drawing startup drawl Power/Infirm Injection w.e.f 01.04.17.

xxxv) As informed by ERLDC Dikchu U-01 is declared COD w.e.f 00:00 Hrs of 12.04.17 & Dikchu U-01 is being scheduled w.e.f 19.04.17.

xxxvi) As informed by ERLDC Dikchu Unit-2 has been declared COD w.e.f 00:00 Hrs of 28.05.17

xxxvii) As informed by ERLDC BRBCL Unit-02 is declared COD w.e.f 00:00 Hrs of 10.09.17.

xxxviii) As informed by ERLDC HVDC ALIPURDUAR is declared COD w.e.f 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 w.e.f 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.
15/01/18	BSPHCL	-72,484.394	-70,608.775	3,054,074.29	-4,082.57
	JUVNL	-14,165.732	-14,806.218	-1,848,202.99	-222,774.35
	DVC	43,225.950	43,172.607	356,674.16	-102,610.39
	GRIDCO	-29,611.106	-32,914.427	-6,773,301.19	-1,167,815.86
	SIKKIM	-1,736.686	-1,609.691	255,718.51	0.00
	WBSETCL	-21,635.336	-22,034.261	-149,602.30	-198,399.95
	NER	-3,822.751	-18,253.740	-28,306,353.90	-25,084,792.32
	NR	-50,691.361	-37,708.949	25,991,217.73	-1,141.48
	SR	-7,071.885	-21,554.097	-28,753,703.88	-24,732,702.34
	WR	-1,053.484	21,368.189	42,376,214.15	0.00
	FSTPP-I & II	31,731.949	31,497.578	-537,038.30	0.00
	KHSTPP-I	14,135.870	13,992.355	-308,423.43	0.00
	TSTPP	22,169.065	22,129.040	-2,784.15	0.00
	RANGIT	418.500	412.510	-4,803.52	0.00
	CHPC	720.000	569.898	-337,729.50	0.00
	KHPC	432.000	-124.132	-1,178,998.99	0.00
	THPC	1,464.000	318.209	-2,429,077.91	0.00
	KHSTPP-II	25,947.282	25,525.721	66,723.15	0.00
	FSTPP-III	6,083.521	6,021.840	-184,356.75	-12,250.67
	TEESTA	2,459.000	2,643.018	472,862.54	0.00
	MAITHON R/B	10,945.293	10,904.218	-56,747.36	0.00
	BARH	26,740.801	26,328.000	-411,621.947	0.00
	NVVN-NEPAL	-2,827.584	-3,022.522	-430,739.506	0.00
	APNRL	5,903.418	5,919.054	70,235.762	0.00
	GMRKEL	7,681.826	7,303.854	-428,669.503	-524.24
	JITPL	9,868.462	9,994.545	162,740.43	0.00
	TPTCL	900.332	513.106	-746,465.21	0.00
	BRBCL	3,243.439	3,419.618	141,953.249	0.00
	TALCHER SOLAR	44.435	51.090	61,742.91	0.00
	JORETHANG HEP	474.460	361.568	-152,164.34	-34.04
	IND Barath	0.000	-8.000	-14,855.83	0.00
	HVDC SASARAM	-23.178	-15.685	14,000.049	0.00
	VAE	233.135	0.000	-178,075.010	0.00
	NVVN	-9,535.374	-9,613.527	-184,484.264	-95,252.08
	CHUZACHEN	419.383	433.978	20,214.489	0.00
	TUL	4,530.098	4,506.036	-5,163.993	-136.49
	DIKCHU	249.542	258.273	11,145.539	0.00
	THEP	496.231	454.368	-49,038.827	0.00
	HVDC ALIPURDUAR	-55.206	-14.894	77,688.174	0.00
	OPGC INFIRM	0.000	-0.218	-425.627	0.00
16/01/18	BSPHCL	-71,518.822	-70,646.885	1,015,130.01	-82,729.75
	JUVNL	-14,666.975	-15,111.142	-1,593,572.99	-94,872.67
	DVC	43,656.727	44,151.051	1,060,546.33	0.00
	GRIDCO	-27,267.807	-28,094.620	-2,045,330.26	-123,189.63
	SIKKIM	-1,837.114	-1,617.680	482,575.32	0.00
	WBSETCL	-18,807.059	-20,634.505	-4,476,546.15	-1,333,122.92
	NER	-4,372.222	-9,878.076	-13,977,049.53	-13,853,110.41
	NR	-52,918.369	-47,203.706	13,249,964.80	-2,488,679.76
	SR	-12,571.861	-20,459.764	-19,802,834.15	-15,767,980.19
	WR	-3,270.205	10,143.576	35,019,948.91	-327,860.48
	FSTPP-I & II	30,320.907	30,442.189	118,887.86	0.00
	KHSTPP-I	13,758.091	13,736.954	50,960.24	0.00
	TSTPP	22,411.140	22,360.028	-71,127.49	0.00
	RANGIT	407.500	447.544	109,739.44	0.00
	CHPC	712.000	326.076	-868,328.66	0.00
	KHPC	368.000	-237.748	-1,284,184.91	0.00
	THPC	1,768.000	182.068	-3,362,175.79	0.00
	KHSTPP-II	27,110.827	27,042.325	-38,604.213	0.00
	FSTPP-III	7,851.880	7,840.573	2,847.561	0.00
	TEESTA	2,992.000	3,271.418	650,959.938	0.00
	MAITHON R/B	10,934.515	11,012.836	194,383.740	0.00
	BARH	28,643.704	28,518.327	-124,680.154	0.00
	NVVN-NEPAL	-2,827.584	-3,033.821	-472,420.225	0.00
	APNRL	5,903.418	4,981.964	-2,250,631.464	-1,628,614.88
	GMRKEL	7,679.825	7,491.927	-296,459.459	0.00
	JITPL	10,452.013	10,610.691	277,078.048	0.00
	TPTCL	920.566	508.475	-968,994.98	0.00
	BRBCL	3,287.038	3,454.891	388,346.548	0.00
	TALCHER SOLAR	45.973	49.016	28,247.192	0.00
	JORETHANG HEP	431.096	383.840	-5,579.457	-9.34
	IND Barath	0.000	-8.073	-19,192.306	0.00
	HVDC SASARAM	-23.710	-15.685	18,650.122	0.00
	VAE	-217.535	0.000	405,690.044	0.00
	NVVN	-9,547.741	-9,469.818	78,012.074	0.00
	CHUZACHEN	307.547	319.091	17,450.278	0.00
	TUL	5,190.162	5,179.054	-28,497.675	0.00
	DIKCHU	224.587	222.818	6,065.676	0.00
	THEP	434.890	411.072	-28,517.735	0.00
	HVDC ALIPURDUAR	-55.206	-15.177	94,251.275	0.00
	OPGC INFIRM	0.000	-0.218	-509.633	0.00
17/01/18	BSPHCL	-69,714.323	-69,729.104	-452,839.36	-49,384.89
	JUVNL	-14,489.440	-14,993.352	-1,806,979.53	-45,688.23
	DVC	44,018.645	44,554.258	1,173,555.49	-65,108.31
	GRIDCO	-23,060.542	-23,693.555	-2,766,245.08	-366,100.33
	SIKKIM	-1,739.890	-1,670.520	169,041.82	0.00
	WBSETCL	-20,888.543	-21,995.773	-2,694,097.17	-247,769.03
	NER	-3,733.949	-7,978.668	-10,187,700.78	-15,653,097.75
	NR	-54,131.702	-49,930.406	11,507,267.48	-3,403,516.84
	SR	-21,545.960	-31,405.520	-29,412,682.52	-21,729,793.55
	WR	-3,974.468	10,154.465	40,662,195.14	0.00
	FSTPP-I & II	31,336.511	31,308.707	-210,037.39	0.00
	KHSTPP-I	14,133.780	14,206.080	193,817.20	0.00
	TSTPP	22,387.616	22,421.748	94,823.03	0.00
	RANGIT	487.750	541.714	134,452.07	0.00
	CHPC	660.000	503.867	-351,299.32	0.00
	KHPC	368.000	-139.064	-1,074,976.53	0.00
	THPC	1,840.000	281.339	-3,304,360.50	0.00
	KHSTPP-II	27,615.730	27,743.289	382,470.664	0.00
	FSTPP-III	8,639.209	8,630.819	-22,637.073	0.00
	TEESTA	2,512.000	2,756.909	697,308.826	0.00
	MAITHON R/B	15,363.713	15,461.927	257,576.619	-855.36
	BARH	28,648.653	28,746.327	304,237.483	0.00
	NVVN-NEPAL	-2,827.584	-3,024.576	-534,778.209	0.00
	APNRL	5,903.418	5,973.891	204,201.315	0.00
	GMRKEL	7,426.020	7,208.291	-448,609.419	-121.11
	JITPL	10,031.105	10,166.473	262,201.305	0.00
	TPTCL	875.901	501.218	-1,037,571.82	0.00
	BRBCL	3,585.155	3,750.745	376,516.214	0.00
	TALCHER SOLAR	46.763	49.152	22,056.510	0.00
	JORETHANG HEP	461.754	404.160	-114,289.428	-2.67
	IND Barath	0.000	-8.655	-23,803.547	0.00
	HVDC SASARAM	-23.483	-15.649	21,992.947	0.00
	VAE	-526.685	0.000	1,661,679.235	0.00
	NVVN	-9,383.324	-9,534.400	-540,826.339	-4,751.35
	CHUZACHEN	307.547	317.440	23,765.486	0.00
	TUL	4,603.504	4,613.309	53,218.790	0.00
	DIKCHU	239.560	247.545	26,095.878	0.00
	THEP	470.921	428.672	-67,228.389	0.00
	HVDC ALIPURDUAR	-55.206	-14.625	113,465.330	0.00
	OPGC INFIRM	0.000	-0.073	-159.767	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.
18/01/18	BSPHCL	-66,290.449	-66,523.254	-526,966.46	-106,686.19
	JUVNL	-14,456.669	-15,341.764	-1,819,024.07	-66,638.63
	DVC	42,476.241	42,385.002	-455,181.95	-113,791.60
	GRIDCO	-19,079.315	-22,303.760	-6,491,551.60	-1,647,858.02
	SIKKIM	-1,552.962	-1,597.672	-15,305.48	-260.35
	WBSETCL	-15,662.385	-17,118.809	-2,655,451.96	-355,966.67
	NER	-4,259.873	5,271.868	19,404,245.98	-219,636.15
	NR	-48,793.218	-66,176.937	-37,413,012.84	-27,616,483.20
	SR	-25,565.438	-35,850.700	-22,184,185.78	-15,531,522.13
	WR	-13,059.845	14,511.708	58,340,940.50	-559,497.66
	FSTPP-I & II	31,922.224	31,832.251	-100,630.31	0.00
	KHSTPP-I	14,885.860	14,769.883	-134,118.12	-201.84
	TSTPP	15,525.000	15,285.805	-598,687.65	-346,792.50
	RANGIT	388.250	429.110	83,441.12	-1,730.87
	CHPC	696.000	368.217	-737,511.60	0.00
	KHPC	384.000	-104.692	-1,036,026.19	0.00
	THPC	1,680.000	205.598	-3,125,732.54	0.00
	KHSTPP-II	27,161.245	27,056.598	-59,158.23	0.00
	FSTPP-III	9,086.581	9,070.476	8,313.22	0.00
	TEESTA	2,352.000	2,550.473	446,769.21	0.00
	MAITHON R/B	19,306.300	18,815.818	-1,499,632.38	-962,770.93
	BARH	27,516.285	27,280.909	-43,514.091	0.00
	NVVN-NEPAL	-2,827.584	-2,960.554	-262,855.181	0.00
	APNRL	5,903.418	5,943.418	105,253.81	0.00
	GMRKEL	7,194.826	6,785.236	-631,413.73	-162.20
	JITPL	11,153.796	11,232.800	77,476.95	-2,582.00
	TPCL	920.566	502.602	-847,275.82	0.00
	BRCL	3,799.881	3,947.127	332,995.747	-1,330.34
	TALCHER SOLAR	43.303	43.110	-1,797.12	0.00
	JORETHANG HEP	162.431	130.016	-67,126.52	-4,377.52
	IND Barath	0.000	-8.655	-18,084.64	0.00
	HVDC SASARAM	-23.919	-15.931	16,461.33	-328.73
	VAE	-1,856.898	0.000	4,907,502.22	0.00
	NVVN	-9,173.596	-9,628.873	-936,120.46	-61,082.71
	CHUZACHEN	209.717	188.020	-66,223.18	-1,026.53
	TUL	5,188.114	5,174.109	41,936.751	0.00
	DIKCHU	239.560	250.455	26,227.132	0.00
	THEP	183.566	175.584	-38,109.741	0.00
	HVDC ALIPURDUAR	-55.206	-13.742	84,207.004	-1,643.54
	OPGC INFIRM	0.000	-0.291	-498.878	0.00
19/01/18	BSPHCL	-68,867.699	-68,994.831	-1,361,742.83	-128,188.70
	JUVNL	-14,603.202	-15,619.423	-2,516,063.28	-141,725.85
	DVC	41,197.774	42,454.011	2,499,776.23	-13,062.49
	GRIDCO	-20,725.983	-23,586.765	-6,500,894.73	-1,537,929.86
	SIKKIM	-1,567.755	-1,654.271	-230,810.87	0.00
	WBSETCL	-17,936.494	-20,000.192	-4,492,800.56	-1,232,288.91
	NER	-4,115.648	5,168.223	19,828,567.09	0.00
	NR	-52,582.351	-63,146.367	-21,865,449.86	-14,791,705.51
	SR	-23,516.552	-38,173.452	-33,548,309.99	-26,073,965.77
	WR	-10,550.585	13,717.353	54,191,332.27	0.00
	FSTPP-I & II	31,655.522	31,703.770	18,648.73	0.00
	KHSTPP-I	14,475.547	14,400.494	-167,965.04	0.00
	TSTPP	16,821.308	16,839.472	157,193.74	0.00
	RANGIT	488.500	525.283	90,548.18	0.00
	CHPC	704.000	276.591	-961,669.86	0.00
	KHPC	424.000	-197.964	-1,318,563.68	0.00
	THPC	1,768.000	154.438	-3,420,752.35	0.00
	KHSTPP-II	26,244.458	25,710.374	-1,274,148.921	-304,990.08
	FSTPP-III	8,854.841	8,853.611	1,952.505	0.00
	TEESTA	2,272.000	2,470.291	455,958.733	0.00
	MAITHON R/B	22,714.339	22,724.327	23,221.195	0.00
	BARH	28,245.058	28,089.272	-156,556.828	0.00
	NVVN-NEPAL	-2,827.584	-2,857.066	-180,305.076	0.00
	APNRL	5,903.418	5,941.091	103,215.736	0.00
	GMRKEL	7,801.826	7,305.600	-810,961.825	-75.38
	JITPL	10,621.720	10,729.963	69,618.377	0.00
	TPCL	920.566	496.225	-914,564.12	0.00
	BRCL	3,919.426	4,031.545	225,613.343	0.00
	TALCHER SOLAR	47.405	51.916	41,699.83	0.00
	JORETHANG HEP	0.000	0.000	0.00	0.00
	IND Barath	0.000	-8.655	-18,556.99	0.00
	HVDC SASARAM	-23.971	-16.425	16,436.21	0.00
	VAE	-854.615	0.000	2,054,161.69	0.00
	NVVN	-6,548.047	-6,608.109	-156,344.854	-50,194.09
	CHUZACHEN	307.547	320.819	45,513.446	0.00
	TUL	4,946.263	4,965.018	73,821.581	0.00
	DIKCHU	239.560	245.455	16,005.482	0.00
	THEP	0.000	0.000	0.000	0.00
	HVDC ALIPURDUAR	-55.206	-12.730	92,087.103	0.00
	OPGC INFIRM	0.000	-0.145	-313.221	0.00
20/01/18	BSPHCL	-70,172.798	-69,462.699	500,499.79	-20,617.65
	JUVNL	-14,729.933	-15,693.306	-2,327,990.39	-243,386.44
	DVC	38,685.714	40,428.132	2,753,948.30	-3,293.18
	GRIDCO	-23,721.879	-27,390.407	-7,521,514.03	-1,670,006.72
	SIKKIM	-1,820.991	-1,643.012	362,796.44	0.00
	WBSETCL	-17,428.404	-19,293.301	-3,872,551.95	-722,933.10
	NER	-4,311.109	-8,351.075	-8,001,704.04	-14,434,635.38
	NR	-59,190.830	-52,777.793	15,440,543.01	-5,263,085.14
	SR	-14,061.981	-35,906.846	-46,438,882.28	-40,910,820.88
	WR	-11,240.504	16,463.577	57,218,804.15	0.00
	FSTPP-I & II	29,799.816	30,322.920	175,276.22	0.00
	KHSTPP-I	14,639.686	14,473.302	-324,715.42	-314.06
	TSTPP	22,408.851	22,365.065	-4,667.19	0.00
	RANGIT	449.750	510.984	136,582.59	0.00
	CHPC	840.000	-186.154	-2,308,845.65	0.00
	KHPC	264.000	-74.660	-717,960.05	0.00
	THPC	2,064.000	-103.941	-4,596,034.63	0.00
	KHSTPP-II	26,869.324	26,839.143	-10,143.227	0.00
	FSTPP-III	8,505.285	8,464.424	-74,063.993	-118.57
	TEESTA	2,352.000	2,543.709	398,970.821	0.00
	MAITHON R/B	21,420.642	21,411.454	41,286.190	0.00
	BARH	29,699.034	29,371.963	-510,611.218	0.00
	NVVN-NEPAL	-2,827.584	-3,009.965	-376,592.041	0.00
	APNRL	5,903.418	5,936.654	68,308.610	0.00
	GMRKEL	7,800.000	7,421.163	-633,807.739	0.00
	JITPL	10,543.288	10,649.309	153,723.050	0.00
	TPCL	920.566	494.737	-880,141.04	0.00
	BRCL	4,304.171	4,320.454	15,546.487	0.00
	TALCHER SOLAR	47.180	50.902	34,710.80	0.00
	JORETHANG HEP	0.000	0.000	0.00	0.00
	IND Barath	0.000	-8.945	-18,668.12	0.00
	HVDC SASARAM	-23.717	-15.964	16,178.13	0.00
	VAE	-442.630	0.000	1,052,742.03	0.00
	NVVN	-6,795.606	-6,994.982	-390,722.237	-109,242.03
	CHUZACHEN	284.681	294.866	19,811.040	-2,365.11
	TUL	4,783.059	4,786.327	22,872.600	0.00
	DIKCHU	224.587	234.818	27,395.655	0.00
	THEP	0.000	0.000	0.000	0.00
	HVDC ALIPURDUAR	-55.206	-12.643	88,653.051	0.00
	OPGC INFIRM	0.000	-0.291	-622.019	0.00

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

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 3 of 3 Additional Deviation Charge in Rs.
21/01/18	BSPHCL	-67,839.682	-64,758.308	3,087,164.67	-4,209.64
	JUVNL	-14,889.557	-15,448.705	-1,219,357.54	-58,454.47
	DVC	38,322.442	38,736.462	704,053.89	-92,468.33
	GRIDCO	-21,286.003	-22,675.473	-2,964,016.08	-538,858.50
	SIKKIM	-1,752.872	-1,336.346	742,798.42	-2,003.07
	WBSETCL	-12,898.004	-14,964.215	-3,030,611.33	-870,861.81
	NER	-3,440.152	7,568.211	18,483,075.73	-245,168.06
	NR	-54,238.324	-62,183.033	-10,807,667.52	-6,428,924.66
	SR	-19,856.389	-34,182.324	-24,231,377.39	-18,492,854.61
	WR	-10,119.561	3,712.187	21,311,224.00	-551,241.71
	FSTPP-I & II	28,177.258	28,128.191	-142,056.64	0.00
	KHSTPP-I	13,503.648	13,393.985	-72,615.00	0.00
	TSTPP	22,020.205	21,941.733	-8,561.59	0.00
	RANGIT	443.000	472.116	44,484.34	-98.97
	CHPC	840.000	1,046.401	464,402.14	0.00
	KHPC	264.000	-179.320	-939,837.55	0.00
	THPC	1,880.000	584.269	-2,746,949.71	0.00
	KHSTPP-II	27,597.631	27,471.595	31,489.157	0.00
	FSTPP-III	8,371.859	8,313.771	-95,756.534	-4,677.72
	TEESTA	2,272.000	2,447.454	388,504.835	0.00
	MAITHON R/B	22,079.576	22,048.472	-14,634.445	0.00
	BARH	26,360.021	26,081.781	-279,301.624	0.00
	NVVN-NEPAL	-2,827.584	-3,022.378	-336,013.388	0.00
	APNRL	5,903.418	5,888.218	8,084.807	0.00
	GMRKEL	7,800.000	7,048.000	-1,130,248.586	-4,106.58
	JITPL	10,520.893	10,613.236	96,867.971	-2,641.51
	TPTCL	871.623	487.157	-630,218.33	0.00
	BRBCL	4,068.250	4,072.291	637.957	0.00
	TALCHER SOLAR	47.140	46.009	-10,599.07	0.00
	JORETHANG HEP	0.000	0.000	0.00	0.00
	IND Barath	0.000	-9.673	-15,559.24	0.00
	HVDC SASARAM	-23.717	-15.906	13,158.92	-259.54
	VAE	-1,008.673	0.000	887,584.65	0.00
	NVVN	-9,868.789	-9,894.218	-89,690.843	-36,758.83
	CHUZACHEN	137.248	135.731	-5,233.000	0.00
	TUL	4,064.791	4,053.600	43,390.437	0.00
	DIKCHU	224.587	235.000	25,546.622	0.00
	THEP	0.000	0.000	0.000	0.00
	HVDC ALIPURDUAR	-55.206	-12.719	71,059.740	-1,553.82
	OPGC INFIRM	0.000	-0.582	-1,096.898	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES					
	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 15/01/18 TO 21/01/18	BSPHCL	-486,888.17	-480,723.86	-2,057,807.00	-395,899.39
	JUVNL	-102,001.51	-107,013.91	-16,313,127.00	-873,540.65
	DVC	291,583.49	295,881.52	2,515,753.00	-390,334.30
	GRIDCO	-164,752.64	-180,659.01	-36,815,068.00	-7,051,758.92
	SIKKIM	-12,008.27	-11,129.19	1,654,593.00	-2,263.42
	WBSETCL	-125,256.23	-136,041.06	-35,563,393.00	-4,961,342.39
	NER	-28,055.70	-26,453.26	-2,756,919.00	0.00
	NR	-372,546.16	-379,127.19	-3,897,137.00	0.00
	SR	-124,190.07	-217,532.70	-204,371,976.00	0.00
	WR	-53,268.65	90,071.05	309,120,659.00	0.00
	FSTPP-I & II	214,944.19	215,235.61	-714,247.28	0.00
	KHSTPP-I	99,532.48	98,973.05	-763,059.57	-515.90
	KHSTPP-II	188,546.50	187,789.05	-901,371.62	-304,990.08
	TSTPP	143,743.19	143,342.89	-433,811.29	-346,792.50
	FSTPP-III	57,393.18	57,195.51	-363,701.06	-17,046.96
	TEESTA	17,211.00	18,683.27	3,511,335.00	0.00
	MAITHON R/B	122,764.38	122,329.95	-1,054,546.44	-963,626.29
	RANGIT	3,083.25	3,338.76	594,444.00	-1,829.84
	BARH	195,853.56	194,416.58	-1,222,048.38	0.00
	NVVN-NEPAL	-19,793.09	-20,930.88	-2,593,704.00	0.00
	APNRL	41,323.93	40,584.29	-1,691,331.00	-1,628,614.88
	GMRKEL	53,384.32	50,564.07	-4,380,170.00	-4,989.51
	JITPL	73,191.28	73,997.02	1,099,706.00	-5,223.51
	TPTCL	6,330.12	3,503.52	-6,025,231.00	0.00
	BRBCL	26,207.36	26,996.67	1,481,609.55	-1,330.34
	TALCHER SOLAR	322.20	341.19	176,061.00	0.00
	JORETHANG HEP	1,529.74	1,279.58	-339,160.00	-4,423.57
	IND Barath	0.00	-60.65	-128,721.00	0.00
	HVDC SASARAM	-165.70	-111.25	116,878.00	-588.27
	VAE	-4,673.90	0.00	10,791,284.85	0.00
	NVVN-BD	-60,852.48	-61,743.93	-2,220,177.00	-357,281.09
	CHUZACHEN	1,973.67	2,009.94	55,299.00	-3,391.64
	TUL	33,305.99	33,277.45	201,578.49	-136.49
	DIKCHU	1,641.98	1,694.36	138,481.98	0.00
	THEP	1,585.61	1,469.70	-182,894.69	0.00
	HVDC ALIPURDUAR	-386.45	-96.53	621,412.00	-3,197.36
	OPGC INFIRM	0.00	-1.82	-3,626.02	0.00

LEGEND: *Energy: (+ve) means injection, (-ve) means drawal* (+) means under
Deviation Charge: (+ve) means receivable, (-ve) means payable drawal/ over injection
(-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date: 05/02/2018

RRAS Account for Week: 15-Jan-18 to 21-Jan-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	974.90400	829644	2370724	487453	3687820
2	FSTPP-III	233.00000	355326	567587	116500	1039412
3	KHSTPP-I	740.49300	761968	1821118	370246	2953334
4	KHSTPP-II	1933.20900	2134263	4553727	966603	7654592
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	1586.66300	2959127	3324060	793332	7076517
7	BRBCL	514.33800	1610906	983928	257169	2852003

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	80.72500	204856	153642
3	FSTPP-III	95.11013	231688	173766
4	KHSTPP-I	163.48750	390015	292511
5	KHSTPP-II	4.79728	11302	8477
6	TSTPP-I	24.50000	34590	25943
7	BARH	756.25000	1585620	1189215

**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	974.90400	94545	BSPHCL
			11865	SIKKIM
			554690	WBSETCL
			80188	ASSAM
			41318	DELHI
			3518	HARYANA
			41922	PUNJAB
			1598	RAJASTHAN
2	FSTPP-III	233.00000	160383	JUVNL
			194147	GRIDCO
			796	ASSAM
3	KHSTPP-I	740.49300	281485	BSPHCL
			271682	GRIDCO
			78931	WBSETCL
			10619	ASSAM
			102054	DELHI
			13360	HARYANA
			3837	RAJASTHAN
4	KHSTPP-II	1933.20900	144814	WBSETCL
			580350	CHATTISGARH
			331929	DELHI
			2491	GUJARAT
			41250	HARYANA
			803032	MAHARASHTRA
			196457	MP
			33940	RAJASTHAN
5	TSTPP-I	0.00000	0	-
6	BARH	1586.66300	2901027	BSPHCL
			23856	JUVNL
			34244	SIKKIM
7	BRBCL	514.33800	8917	DVC_Railway
			1355783	MAHARASHTRA
			246206	MP

A) RRAS settlement account for the week 15-Jan-18 to 21-Jan-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.