



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
14 Golf Club Road, Tollygunj, Kolkata-700033



आई एस ओ : 9001-2000
ISO: 9001-2000

Tel No. :033-24235199, 24235005 FAX No.:033-24221802, 24171358 Web: www.erpc.gov.in

NO: ERPC/COM-II/ABT-DC

Date: 05.01.2018

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 11.12.2017 to 17.12.2017.

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 11.12.17 TO 17.12.17
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	735.43792	160.50854	895.94647	DVC	96.63679	4.26949	92.36730
WBSETCL	463.16095	103.89412	567.05507	HVDC ALIPURDUAR	7.52788	0.01478	7.51310
JUVNL	151.72391	12.58628	164.31019	HVDC SASARAM	3.29528	0.00670	3.28858
BSPHCL	56.30493	6.17143	62.47636	WR	6757.53917	0.00000	6757.53917
SIKKIM	6.68481	0.07631	6.76112	GMRKEL	80.72941	0.00768	80.72173
NER	3067.20171	0.00000	3067.20171	KHSTPP-II	17.59312	0.00000	17.59312
NR	1393.92600	0.00000	1393.92600	BRBCL	12.04952	1.56614	10.48338
SR	923.83801	0.00000	923.83801	TSTPP	9.63968	0.00106	9.63862
NVVN-NEPAL	60.39210	0.00086	60.39295	KHSTPP-I	5.49692	0.00000	5.49692
NVVN-BD	13.69202	2.91143	16.60345	TEESTA	52.12052	0.25568	51.86484
FSTPP I&II	64.08100	0.38478	64.46578	RANGIT	6.39997	0.01288	6.38709
MAITHON R/B	37.23461	5.27373	42.50835	DIKCHU	2.74687	0.00000	2.74687
BARH	25.59702	0.00959	25.60661	Teesta-III(TUL)	1.88229	0.00035	1.88194
FSTPP-III	8.50567	0.00070	8.50637	CHUZACHEN	1.20641	0.03968	1.16674
TPTCL	35.67271	0.00000	35.67271	THEP	0.20971	0.03628	0.17344
JORETHANG LOOP HEP	11.70725	0.00000	11.70725	JITPL	19.56227	0.07127	19.49100
IND BARATH	1.47106	0.00000	1.47106	APNRL	10.17279	0.01922	10.15357
Adj for SIKKIM (21.10 & 23.10)	0.10062	0.00000	0.10062	TALCHER SOLAR	0.56086	0.00000	0.56086
Adj for FSTPP-I & II (16.10-17.10, 19.10 & 21.10-23.10)	12.43044	0.00000	12.43044	Adj for GRIDCO (16.10.17-24.10.17)	774.27673	0.00000	774.27673
Adj for KHSTPP-I(16.10, 19.10 & 21.10-23.10)	21.98394	0.00000	21.98394	Adj for WBSETCL (16.10-19.10 & 21.10-23.10)	42.03365	0.00000	42.03365
Adj for KHSTPP-II (16.10.17-24.10.17)	257.73022	0.00000	257.73022	Adj for JUVNL (01.10.17-31.10.17)	21.25428	0.00000	21.25428
Adj for WR(02.10.17-08.10.17)	8.13494	0.00000	8.13494	Adj for BSPHCL (16.10 & 21.10-23.10)	4.01388	0.00000	4.01388
Adj for WR(16.10.17-22.10.17)	4.20975	0.00000	4.20975	Adj for DVC (24.10.17)	0.13144	0.00000	0.13144
Adj for WR(23.10.17-29.10.17)	3.46676	0.00000	3.46676	Adj for WR(01.10.17)	0.00191	0.00000	0.00191
Adj for NR(16.10.17-22.10.17)	1.15871	0.00000	1.15871	Adj for WR(09.10.17-15.10.17)	0.02125	0.00000	0.02125
Adj for NR(23.10.17-29.10.17)	3.51797	0.00000	3.51797	Adj for WR(30.10.17-31.10.17)	0.00603	0.00000	0.00603
Adj for NER(16.10.17-22.10.17)	0.58642	0.00000	0.58642	Adj for SR(23.10.17-29.10.17)	0.07159	0.00000	0.07159
Adj for NER(23.10.17-29.10.17)	1.81982	0.00000	1.81982				
TOTAL	7371.77126	291.81777	7663.58904		7927.18024	6.30121	7920.87903

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

298.11898

(All figures in Rs. Lakhs)	
Payable to the pool(A):	7371.77126
Payable from the pool(B):	7927.18024
Differential Amount Arising from capping of Thermal Power Stations(A-B)	-555.40898
Additional Deviation Amount:	298.11898
VAE of Eastern Region:	174.68412

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

- a) **Northern Region**: Pusaali East Bus and ER end of other A.C. Ties
- b) **Western Region**: ER end of Raipur- Rourkela 400kV D/C & Badipadar-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 - Bongaiaon 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 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 Dagachud Hydro Power Station of Bhutan started w.e.f 21.02.2015. TPPTCL, 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) Adjustment has been done due to revised schedules for the dates 01.10.17-31.10.17

ERP, 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.
11-12-17	BSPHCL	-58,529.063	-57,480.580	2,586,989.85	0.00
	JUVNL	-13,478.073	-13,398.892	-81,481.93	-24,484.28
	DVC	35,519.934	36,110.112	1,271,290.37	-2,102.01
	GRIDCO	-26,326.675	-32,667.234	-15,775,845.42	-5,329,583.37
	SIKKIM	-1,520.916	-1,447.678	178,702.71	0.00
	WBSETCL	-20,683.743	-22,816.936	-4,845,205.58	-834,843.56
	NER	3,081.992	-13,902.414	-42,817,001.13	-38,627,554.41
	NR	-40,569.946	-42,137.819	-4,486,346.69	-1,989,864.79
	SR	-28,902.010	-36,397.886	-21,160,066.59	-18,423,344.79
	WR	-21,575.952	13,018.329	87,915,445.48	0.00
	FSTPP-I & II	31,626.317	31,326.329	-825,924.62	0.00
	KHSTPP-I	11,833.460	11,763.994	-145,380.57	0.00
	TSTPP	10,674.489	10,671.625	51,387.00	0.00
	RANGIT	639.000	643.650	15,652.13	0.00
	CHPC	768.000	1,661.842	2,011,143.71	0.00
	KHPC	360.000	273.380	-183,633.55	0.00
	THPC	3,624.000	1,391.218	-4,733,497.15	0.00
	KHSTPP-II	29,019.039	29,095.984	197,316.88	0.00
	FSTPP-III	8,275.683	8,238.278	-117,051.92	0.00
	TEESTA	3,752.000	4,094.182	926,242.03	0.00
	MATTHON R/B	11,742.606	11,491.491	-639,004.57	-154,712.27
	BARH	29,723.122	29,478.109	-373,381.148	0.00
	NVVN-NEPAL	-2,129.760	-2,471.030	-867,266.126	0.00
	APNRL	5,903.652	5,951.127	123,390.247	0.00
	GMRKEL	7,677.932	7,657.600	173,231.270	0.00
	JITPL	9,609.822	9,776.654	429,996.32	0.00
	TPTCL	878.122	692.813	-458,528.38	0.00
	BRBCL	4,172.238	4,255.800	170,205.761	0.00
	TALCHER SOLAR	33.515	32.712	-8,274.38	0.00
	JORETHANG HEP	611.308	554.112	-57,096.26	0.00
	IND Barath	0.000	-8.582	-21,405.10	0.00
	HVDC SASARAM	-18.944	-0.709	45,764.434	0.00
	VAE	-1,440.075	0.000	3,873,005.721	0.00
	NVVN	0.000	-6.655	-15,096.065	0.00
	CHUZACHEN	544.016	557.705	37,611.619	0.00
	TUL	8,107.441	7,990.836	14,107.381	0.00
	DIKCHU	335.091	347.818	41,575.812	0.00
	THEP	608.722	612.448	13,715.503	0.00
	HVDC ALIPURDUAR	-55.677	-15.032	102,369.837	0.00
	12-12-17	BSPHCL	-57,146.588	-57,558.597	-109,766.96
JUVNL		-13,044.415	-13,339.625	-770,443.75	-41,846.10
DVC		38,283.735	39,171.297	2,496,007.85	-15,084.88
GRIDCO		-27,401.225	-31,757.216	-11,418,527.38	-1,987,388.50
SIKKIM		-1,505.936	-1,558.568	-50,359.55	0.00
WBSETCL		-18,784.343	-22,571.849	-11,286,688.18	-4,190,646.24
NER		2,914.942	-13,476.728	-49,162,583.71	-44,211,044.83
NR		-33,907.044	-41,321.298	-29,009,155.78	-21,965,525.06
SR		-32,341.649	-38,831.885	-21,638,326.62	-14,349,099.02
WR		-18,731.126	21,323.758	124,193,213.17	0.00
FSTPP-I & II		32,779.690	32,209.022	-1,436,787.12	-10,760.17
KHSTPP-I		11,963.466	12,041.963	249,493.60	0.00
TSTPP		10,748.941	10,882.894	383,424.67	0.00
RANGIT		639.000	682.243	123,666.00	0.00
CHPC		912.000	1,710.149	1,795,835.48	0.00
KHPC		360.000	318.305	-88,393.82	0.00
THPC		3,035.500	1,431.659	-3,400,142.64	0.00
KHSTPP-II		28,865.020	28,975.786	392,284.181	0.00
FSTPP-III		8,536.036	8,486.977	-106,969.273	0.00
TEESTA		3,752.000	4,073.891	944,137.051	-20,065.83
MATTHON R/B		5,688.817	5,205.382	-1,336,496.072	-367,715.92
BARH		29,311.704	29,174.400	-220,022.596	0.00
NVVN-NEPAL		-2,129.760	-2,530.147	-1,196,548.966	0.00
APNRL		5,903.652	5,952.800	152,366.085	0.00
GMRKEL		5,348.983	5,729.163	1,478,494.757	0.00
JITPL		9,760.238	9,964.073	518,086.321	0.00
TPTCL		898.232	684.120	-622,590.51	0.00
BRBCL		4,005.658	4,201.673	415,326.827	0.00
TALCHER SOLAR		36.438	37.955	14,186.755	0.00
JORETHANG HEP		679.488	547.296	-364,532.595	0.00
IND Barath		0.000	-9.745	-27,069.018	0.00
HVDC SASARAM		-19.223	-0.677	55,027.070	0.00
VAE		-626.715	0.000	2,345,375.919	0.00
NVVN		-3,361.075	-3,357.309	-500,152.655	0.00
CHUZACHEN		393.053	400.644	22,568.170	-1,200.88
TUL		7,062.620	7,079.636	95,971.546	0.00
DIKCHU		335.091	348.727	51,661.062	0.00
THEP		593.915	617.920	88,149.183	0.00
HVDC ALIPURDUAR		-55.677	-13.682	125,166.580	0.00
13/12/17		BSPHCL	-56,882.206	-56,618.929	-560,413.22
	JUVNL	-13,266.799	-14,062.551	-3,227,931.84	-355,568.18
	DVC	38,828.241	39,934.586	3,418,022.30	-97,259.33
	GRIDCO	-26,067.370	-29,101.322	-8,928,225.28	-914,525.16
	SIKKIM	-1,413.248	-1,574.563	-569,357.74	-69.50
	WBSETCL	-20,424.701	-24,143.149	-12,356,142.52	-3,366,959.08
	NER	4,190.981	-11,944.027	-54,257,964.80	-48,590,562.08
	NR	-27,971.372	-43,157.360	-54,329,571.45	-41,417,123.40
	SR	-40,551.992	-36,828.217	16,896,431.19	-4,907,260.48
	WR	-7,332.709	27,894.039	117,280,470.24	-490,927.34
	FSTPP-I & II	31,453.161	31,035.717	-1,129,218.70	0.00
	KHSTPP-I	12,234.907	12,338.433	304,324.37	0.00
	TSTPP	10,770.204	10,802.983	86,139.69	0.00
	RANGIT	639.000	679.213	163,483.28	-1,129.94
	CHPC	912.000	1,750.915	1,887,559.84	0.00
	KHPC	360.000	275.314	-179,535.17	0.00
	THPC	3,432.000	1,465.787	-4,168,371.80	0.00
	KHSTPP-II	30,187.443	30,396.167	532,206.790	0.00
	FSTPP-III	9,638.670	9,519.664	-308,083.926	0.00
	TEESTA	3,339.000	3,626.364	959,845.403	-5,501.81
	MATTHON R/B	0.000	-33.273	-897,484.369	0.00
	BARH	29,743.221	29,658.872	-247,752.102	-958.76
	NVVN-NEPAL	-2,129.760	-2,363.683	-829,848.453	0.00
	APNRL	5,903.652	5,976.945	254,819.776	-1,478.99
	GMRKEL	5,404.672	5,977.382	2,229,309.980	0.00
	JITPL	9,557.667	9,721.673	317,440.436	-5,133.40
	TPTCL	898.232	683.965	-720,210.14	0.00
	BRBCL	4,039.339	4,209.382	454,580.473	0.00
	TALCHER SOLAR	38.018	38.946	8,678.670	0.00
	JORETHANG HEP	679.488	580.864	-235,390.409	0.00
	IND Barath	0.000	-8.655	-28,294.236	0.00
	HVDC SASARAM	-18.644	-0.540	61,460.699	-328.86
	VAE	-629.063	0.000	2,295,950.933	0.00
	NVVN	-9,471.844	-9,573.018	-374,601.410	-52,904.71
	CHUZACHEN	393.053	401.920	6,485.990	-435.78
	TUL	6,414.067	6,448.073	425,816.400	0.00
	DIKCHU	335.091	349.455	63,781.452	0.00
	THEP	593.915	515.104	-245,987.892	-2,830.17
	HVDC ALIPURDUAR	-55.677	-14.335	140,936.459	-742.91

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

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 2 of 2
					Additional Deviation Charge in Rs.
14/12/17	BSPHCL	-58,141.396	-57,468.204	2,178,744.10	0.00
	JUVNL	-13,526.813	-14,123.293	-2,133,193.95	-79,965.37
	DVC	36,100.864	36,573.111	661,806.30	-271,292.83
	GRIDCO	-27,283.250	-30,750.010	-9,491,770.84	-1,193,534.33
	SIKKIM	-1,480.462	-1,600.352	-345,881.69	0.00
	WBSETCL	-23,732.586	-26,287.510	-7,079,920.70	-1,338,195.12
	NER	3,561.262	-13,851.516	-50,099,294.86	-45,266,813.74
	NR	-28,153.160	-34,601.964	-21,139,549.00	-21,777,172.70
	SR	-25,887.925	-36,616.496	-36,842,511.24	-31,457,079.50
	WR	-13,949.981	27,453.448	127,237,755.56	0.00
	FSTPP-I & II	33,427.041	32,660.591	-2,019,077.97	-27,717.68
	KHSTPP-I	12,225.540	12,227.412	43,953.56	0.00
	TSTPP	10,745.908	10,883.280	385,614.69	0.00
	RANGIT	603.000	640.663	142,073.65	0.00
	CHPC	912.000	1,430.380	1,166,355.95	0.00
	KHPC	360.000	271.123	-188,418.82	0.00
	THPC	3,057.000	1,197.449	-3,942,247.08	0.00
	KHSTPP-II	29,801.809	29,885.392	256,832.47	0.00
	FSTPP-III	8,975.688	8,975.688	-108,424.31	0.00
	TEESTA	3,259.000	3,523.454	794,637.24	0.00
	MAITHON R/B	1,822.093	1,439.200	-1,005,399.70	-4,945.03
	BARH	29,767.420	29,642.945	-272,331.026	0.00
	NVVN-NEPAL	-2,129.760	-2,264.486	-373,102.271	0.00
	APNRL	5,903.652	5,968.727	203,631.45	0.00
	GMRKEL	5,412.139	5,824.654	1,552,878.39	0.00
	JITPL	9,509.841	9,651.491	311,732.53	0.00
	TPCL	825.907	679.735	-413,218.68	0.00
	BRBCL	4,294.418	4,285.127	-44,820.197	0.00
	TALCHER SOLAR	38.663	40.352	15,794.96	0.00
	JORETHANG HEP	679.488	550.688	-313,306.47	0.00
	IND Barath	0.000	-8.218	-22,871.26	0.00
	HVDC SASARAM	-18.995	0.000	53,454.39	0.00
	VAE	-1,575.103	0.000	4,372,906.32	0.00
	NVVN	-9,505.196	-9,615.963	-258,163.60	-64,416.61
	CHUZACHEN	393.053	402.707	23,190.86	-2,037.98
	TUL	6,658.257	6,597.164	15,089.803	0.00
	DIKCHU	335.091	346.273	43,015.789	0.00
	THEP	569.828	584.800	47,424.137	0.00
	HVDC ALIPURDUAR	-55.677	-13.772	122,604.133	0.00
	15/12/17	BSPHCL	-57,244.522	-58,911.582	-5,495,758.67
JUVNL		-12,865.459	-14,138.513	-3,913,079.47	-432,031.76
DVC		35,112.087	35,667.419	593,193.23	-6,620.12
GRIDCO		-24,479.289	-28,988.012	-12,506,837.81	-3,434,554.90
SIKKIM		-1,427.901	-1,593.746	-533,556.43	0.00
WBSETCL		-25,336.167	-25,956.184	-832,346.97	-79,725.77
NER		3,663.031	-13,804.310	-49,869,031.89	-45,114,809.01
NR		-28,807.105	-33,136.051	-9,559,138.81	-13,118,953.42
SR		-32,986.183	-34,518.564	-8,353,235.72	-8,141,753.15
WR		-14,576.873	18,151.885	93,677,470.87	0.00
FSTPP-I & II		29,789.490	29,590.944	-315,515.36	0.00
KHSTPP-I		12,170.477	12,245.408	249,857.94	0.00
TSTPP		10,729.710	10,845.164	268,996.83	0.00
RANGIT		639.000	662.204	125,132.41	0.00
CHPC		624.000	1,352.917	1,640,062.86	0.00
KHPC		288.000	284.872	-6,632.21	0.00
THPC		3,715.000	1,132.600	-5,474,686.98	0.00
KHSTPP-II		29,001.537	29,002.677	102,744.206	0.00
FSTPP-III		6,978.498	6,966.256	20,380.938	0.00
TEESTA		3,299.000	3,543.054	697,553.200	0.00
MAITHON R/B		10,891.013	11,003.854	305,232.912	0.00
BARH		29,747.619	29,643.054	-110,761.070	0.00
NVVN-NEPAL		-2,129.760	-2,554.618	-1,213,759.551	0.00
APNRL		5,903.652	5,960.363	187,139.297	0.00
GMRKEL		5,502.235	5,959.636	1,962,590.535	-768.16
JITPL		9,688.912	9,801.891	325,170.522	0.00
TPCL		898.232	665.777	-645,317.98	0.00
BRBCL		4,202.423	4,264.873	204,939.097	0.00
TALCHER SOLAR		40.445	42.078	15,271.36	0.00
JORETHANG HEP		679.488	534.528	-216,551.83	0.00
IND Barath		0.000	-7.927	-22,409.89	0.00
HVDC SASARAM		-18.995	-0.734	51,892.81	0.00
VAE		-517.858	0.000	1,736,449.68	0.00
NVVN		-7,142.951	-7,197.345	-289,329.322	-91,212.23
CHUZACHEN		393.053	405.307	26,465.701	-293.09
TUL		6,607.288	6,515.345	-29,359.863	0.00
DIKCHU		335.091	346.727	35,115.795	0.00
THEP		569.828	587.552	62,446.673	0.00
HVDC ALIPURDUAR		-55.677	-14.069	119,284.472	0.00
16/12/17		BSPHCL	-56,274.242	-55,545.106	299,898.15
	JUVNL	-13,237.874	-13,833.745	-1,365,378.85	-92,722.54
	DVC	35,227.662	36,629.314	1,167,741.82	-1,105.66
	GRIDCO	-26,654.555	-31,274.436	-8,442,501.10	-1,426,897.84
	SIKKIM	-1,485.898	-1,533.448	-79,343.41	0.00
	WBSETCL	-22,607.233	-22,787.075	128,231.84	-74,907.31
	NER	1,854.107	-14,268.886	-29,354,466.45	-26,290,771.89
	NR	-30,515.703	-32,692.611	-4,788,032.47	-9,360,727.65
	SR	-37,597.094	-39,166.393	-2,064,433.46	-7,682,821.20
	WR	-4,686.203	21,816.212	48,298,165.03	0.00
	FSTPP-I & II	28,784.222	28,513.322	-514,958.68	0.00
	KHSTPP-I	12,550.329	12,486.053	-52,978.75	0.00
	TSTPP	10,759.457	10,677.731	-85,931.98	-105.95
	RANGIT	567.000	584.215	36,294.45	0.00
	CHPC	503.500	1,190.269	1,545,230.47	0.00
	KHPC	288.000	273.632	-30,459.31	0.00
	THPC	3,168.000	996.439	-4,603,708.93	0.00
	KHSTPP-II	28,941.963	28,964.252	151,951.430	0.00
	FSTPP-III	7,141.568	7,060.495	-120,662.444	-70.06
	TEESTA	3,099.000	3,316.145	492,244.615	0.00
	MAITHON R/B	11,146.420	11,103.054	-70,636.562	0.00
	BARH	29,772.215	29,289.927	-580,421.414	0.00
	NVVN-NEPAL	-2,129.760	-2,754.931	-1,187,274.815	-85.65
	APNRL	5,903.652	5,927.636	62,833.165	0.00
	GMRKEL	5,405.970	5,522.909	474,911.476	0.00
	JITPL	9,937.933	9,950.909	-70,628.680	-1,707.64
	TPCL	898.232	664.173	-424,564.64	0.00
	BRBCL	3,235.345	3,135.054	-142,998.096	-156,323.15
	TALCHER SOLAR	39.318	39.368	475.92	0.00
	JORETHANG HEP	549.011	531.232	37,535.06	0.00
	IND Barath	0.000	-7.927	-13,754.48	0.00
	HVDC SASARAM	-18.995	-0.712	33,475.99	0.00
	VAE	-875.233	0.000	1,473,431.04	0.00
	NVVN	-7,217.247	-7,084.618	10,209.595	-82,033.14
	CHUZACHEN	393.053	405.590	16,497.386	0.00
	TUL	6,098.114	5,860.364	-394,159.576	-35.18
	DIKCHU	335.091	343.727	20,404.080	0.00
	THEP	552.586	552.448	32,745.755	0.00
	HVDC ALIPURDUAR	-55.677	-14.481	76,117.828	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.
17/12/17	BSPHCL	-58,042.366	-56,526.019	233,499.88	-136,144.92
	JUVNL	-13,587.541	-14,278.766	-1,256,074.10	-232,009.66
	DVC	33,528.508	33,907.670	985,822.57	-33,484.21
	GRIDCO	-36,448.972	-41,467.412	-7,315,087.32	-1,764,370.33
	SIKKIM	-1,518.288	-1,271.644	489,239.85	-7,561.54
	WBSETCL	-9,081.199	-10,251.040	-1,183,195.51	-504,135.13
	NER	1,655.594	-16,275.093	-31,159,828.23	-28,544,834.80
	NR	-29,219.941	-38,872.439	-16,080,806.28	-12,151,020.27
	SR	-20,992.846	-32,428.086	-19,221,658.90	-14,002,817.34
	WR	-19,579.954	27,730.363	77,151,397.61	-1,400,453.91
	FSTPP-I & II	29,618.550	29,585.159	-166,617.69	0.00
	KHSTPP-I	11,884.194	11,738.949	-99,578.39	0.00
	TSTPP	10,941.753	10,811.162	-125,663.01	0.00
	RANGIT	585.000	600.262	33,695.51	-158.06
	CHPC	888.000	1,313.434	957,227.00	0.00
	KHPC	288.000	298.159	21,537.50	0.00
	THPC	3,528.000	1,099.547	-5,148,319.43	0.00
	KHSTPP-II	28,593.504	28,592.140	125,976.044	0.00
	FSTPP-III	8,374.919	8,306.440	-109,755.596	0.00
	TEESTA	2,899.000	3,137.418	397,392.475	0.00
	MAITHON R/B	11,142.771	11,053.236	-79,672.981	0.00
	BARH	29,506.169	28,764.981	-755,032.822	0.00
	NVVN-NEPAL	-2,607.773	-2,834.131	-371,409.466	0.00
	APNRL	5,903.652	5,911.709	33,099.267	-443.36
	GMRKEL	5,405.970	5,295.273	201,525.092	0.00
	JITPL	9,086.354	9,164.582	124,429.373	-285.73
	TPTCL	849.392	655.907	-282,840.54	0.00
	BRBCL	3,865.851	3,984.818	147,717.670	-290.84
	TALCHER SOLAR	43.098	44.162	9,952.61	0.00
	JORETHANG HEP	561.004	509.248	-21,382.42	0.00
	IND Barath	0.000	-7.418	-11,201.99	0.00
	HVDC SASARAM	-18.995	-0.747	28,452.80	-340.99
	VAE	-691.085	0.000	1,371,292.24	0.00
	NVVN	-9,564.121	-9,524.873	57,931.852	-576.31
	CHUZACHEN	238.286	246.343	-12,178.249	0.00
	TUL	5,096.052	5,007.054	60,763.205	0.00
	DIKCHU	287.221	326.364	19,133.490	0.00
	THEP	557.556	566.144	22,477.810	-797.44
	HVDC ALIPURDUAR	-55.677	-14.151	66,308.891	-735.44

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 11-12-17 TO 17/12/17	BSPHCL	-402,260.38	-400,109.02	-5,630,493.00	-617,143.29
	JUVNL	-93,006.97	-97,175.39	-15,172,391.00	-1,258,627.88
	DVC	252,601.03	257,993.51	9,663,679.00	-426,949.03
	GRIDCO	-194,661.34	-226,005.64	-73,543,792.00	-16,050,854.42
	SIKKIM	-10,352.65	-10,589.00	-668,481.00	-7,631.04
	WBSETCL	-140,649.97	-154,837.74	-46,316,095.00	-10,389,412.21
	NER	20,921.91	-97,522.97	-306,720,171.00	0.00
	NR	-219,144.27	-265,919.54	-139,392,600.00	0.00
	SR	-219,259.70	-254,787.53	-92,383,801.00	0.00
	WR	-100,432.80	157,388.04	675,753,917.00	0.00
	FSTPP-I & II	217,478.47	214,927.09	-6,408,100.15	-38,477.85
	KHSTPP-I	84,862.37	84,842.21	549,691.76	0.00
	KHSTPP-II	204,410.32	204,952.40	1,759,311.99	0.00
	TSTPP	75,370.46	75,574.84	963,967.89	-105.95
	FSTPP-III	57,921.06	57,505.45	-850,566.54	-70.06
	TEESTA	23,399.00	25,314.51	5,212,052.00	-25,567.65
	MAITHON R/B	52,433.72	50,958.94	-3,723,461.34	-527,373.22
	RANGIT	4,311.00	4,492.45	639,397.00	-1,288.01
	BARH	207,571.47	205,652.29	-2,559,702.18	-958.76
	NVVN-NEPAL	-15,386.33	-17,773.03	-6,039,210.00	-85.65
	APNRL	41,325.57	41,649.31	1,017,279.00	-1,922.35
	GMRKEL	40,157.90	41,966.62	8,072,941.00	-768.16
	JITPL	67,150.77	68,031.27	1,956,227.00	-7,126.76
	TPTCL	6,146.35	4,726.49	-3,567,271.00	0.00
	BRBCL	27,815.27	28,336.73	1,204,951.54	-156,613.99
	TALCHER SOLAR	269.49	275.57	56,086.00	0.00
	JORETHANG HEP	4,439.27	3,807.97	-1,170,725.00	0.00
	IND Barath	0.00	-58.47	-147,106.00	0.00
	HVDC SASARAM	-132.79	-4.64	329,528.00	-669.85
	VAE	-6,355.13	0.00	17,468,411.86	0.00
	NVVN-BD	-46,262.43	-46,359.78	-1,369,202.00	-291,143.00
	CHUZACHEN	2,747.57	2,820.22	120,641.00	-3,967.73
	TUL	46,043.84	45,498.47	189,228.90	-35.18
	DIKCHU	2,297.77	2,409.09	274,687.48	0.00
THEP	4,046.35	4,036.42	20,371.17	-3,627.61	
HVDC ALIPURDUAR	-389.74	-99.52	752,788.00	-1,478.35	

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: 05/01/2018

RRAS Account for Week: 11-Dec-17 to 17-Dec-17

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	1511.74100	1286491	3693548	755869	5735909
2	FSTPP-III	634.09500	966994	1586536	317047	2870579
3	KHSTPP-I	584.15300	601093	1255897	292076	2149067
4	KHSTPP-II	1924.32400	2124453	3998482	962163	7085098
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	230.00000	428950	496340	115000	1040290
7	BRBCL	1920.75100	6015791	4321508	960376	11297675

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	10.66908	24439	18330
2	FSTPP I & II	159.14528	392470	294352
3	FSTPP-III	4.50000	10868	8151
4	KHSTPP-I	53.50000	118712	89034
5	KHSTPP-II	9.12500	19655	14741
6	TSTPP-I	0.00000	0	0
7	BARH	90.52500	204339	153254

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	1511.74100	574787	BSPHCL
			105175	JUVNL
			38273	GRIDCO
			36211	SIKKIM
			69349	WBSETCL
			105904	ASSAM
			73094	DELHI
			17673	HARYANA
			73278	PUNJAB
			34236	RAJASTHAN
		158511	UP	
2	FSTPP-III	634.09500	295495	BSPHCL
			173714	JUVNL
			7137	DVC
			35695	GRIDCO
		454953	WBSETCL	
3	KHSTPP-I	584.15300	19119	SIKKIM
			31090	WBSETCL
			19779	ASSAM
			133020	DELHI
			1203	HARYANA
			73558	J & K
			40116	PUNJAB
			85792	RAJASTHAN
		197416	UP	
4	KHSTPP-II	1924.32400	3534	SIKKIM
			108003	WBSETCL
			31994	ASSAM
			278590	CHATTISGARH
			494845	DELHI
			181245	GUJARAT
			17	HARYANA
			59028	HP
			254582	J & K
			43911	MAHARASHTRA
			18230	MP
			58057	PUNJAB
			190357	RAJASTHAN
		359749	UP	
		42311	UTTARAKHAND	
5	TSTPP-I	0.00000	0	-
6	BARH	230.00000	279750	BSPHCL
			22380	JUVNL
			126820	SIKKIM
7	BRBCL	1920.75100	1876236	DVC_Railway
			512112	BSPHCL
			3627443	MAHARASHTRA

A) RRAS settlement account for the week 11-Dec-17 to 17-Dec-17 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.