



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/2017

Date: 07.12.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 13.11.2017 to 19.11.2017.

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 07/12/17

**(J.BANDYOPADHYAY)
MEMBER SECRETARY**

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

**ABT based Deviation Charge Account
For the period 13.11.17 TO 19.11.17**

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	1073.79475	341.12294	1414.91770	HVDC ALIPURDUAR	5.18603	0.00000	5.18603
WBSETCL	683.83260	100.37700	784.20961	HVDC SASARAM	3.69897	0.00000	3.69897
DVC	480.21505	129.11799	609.33304	WR	9259.27444	0.00000	9259.27444
BSPHCL	328.78471	68.06352	396.84824	NVVN-BD	7.03514	1.39779	5.63735
JUVNL	219.34306	42.68122	262.02428	GMRKEL	100.29103	0.00000	100.29103
SIKKIM	38.45441	0.00000	38.45441	KHSTPP-II	20.91990	0.00000	20.91990
SR	2675.27470	0.00000	2675.27470	TSTPP	15.86366	0.35213	15.51153
NER	2375.72290	0.00000	2375.72290	KHSTPP-I	4.40335	0.00007	4.40328
NR	1328.30846	0.00000	1328.30846	TEESTA	42.37444	0.00000	42.37444
NVVN-NEPAL	37.10566	0.00769	37.11335	Teesta-III(TUL)	34.22687	0.00000	34.22687
FSTPP I&II	60.59625	0.00060	60.59685	RANGIT	7.47943	0.00000	7.47943
MAITHON R/B	16.71155	6.85818	23.56973	CHUZACHEN	2.37975	0.02818	2.35157
FSTPP-III	10.45383	0.00000	10.45383				
BARH	7.20051	0.08474	7.28525				
BRBCL	3.82485	2.68123	6.50607				
JORETHANG LOOP HEP	35.43397	0.09527	35.52924				
TPTCL	16.49358	0.00000	16.49358				
THEP	12.80144	0.07934	12.88077				
DIKCHU	3.91985	0.13430	4.05415				
JITPL	9.53301	4.66630	14.19931				
APNRL	6.06125	0.00000	6.06125				
IND BARATH	0.89757	0.00000	0.89757				
TALCHER SOLAR	0.64477	0.00000	0.64477				
TOTAL	9425.40874	695.97033	10121.37907		9503.13301	1.77818	9501.35484

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

697.74850

(All figures in Rs. Lakhs)	
Payable to the pool(A):	9425.40874
Payable from the pool(B):	9503.13301
Differential Amount Arising from capping of Thermal Power Stations(A-B)	-77.72428
Additional Deviation Amount:	697.74850
VAE of Eastern Region:	145.49610

**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 TSPPP 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 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

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.
13/11/17	BSPHCL	-56,899.330	-56,987.703	-901,901.10	-221,771.48
	JUVNL	-14,233.226	-15,715.528	-4,976,252.19	-1,525,331.20
	DVC	22,462.003	19,091.230	-9,457,374.95	-2,458,824.15
	GRIDCO	-32,316.334	-37,045.763	-11,615,267.99	-2,745,779.04
	SIKIM	-1,629.760	-1,554.416	137,787.60	0.00
	WBSETCL	-25,637.301	-28,789.155	-8,233,300.61	-749,169.13
	NER	4,495.353	-13,006.760	-48,976,444.61	-44,413,503.41
	NR	-34,550.372	-43,054.359	-19,139,004.31	-14,904,992.66
	SR	-13,860.426	-23,664.824	-27,086,647.23	-25,311,741.70
	WR	-26,283.073	-22,440.433	129,971,848.31	0.00
	FSTPP-I & II	25,721.477	25,439.943	-621,649.01	-60.26
	KHSTPP-I	15,874.324	15,942.547	104,342.76	0.00
	TSTPP	20,967.500	21,054.579	198,935.04	0.00
	RANGIT	954.000	976.861	74,188.03	0.00
	CHPC	1,033.000	2,896.712	4,193,351.52	0.00
	KHPC	576.000	620.082	93,453.84	0.00
	THPC	5,818.750	2,991.871	-5,992,983.07	0.00
	KHSTPP-II	31,112.441	31,110.299	75,574.40	0.00
	FSTPP-III	8,662.554	8,565.366	-188,517.50	0.00
	TEESTA	4,368.000	4,624.873	684,106.86	0.00
	MATHON R/B	11,496.423	11,597.091	214,157.74	0.00
	BARH	26,600.534	26,472.763	-136,517.810	0.00
	NVVN-NEPAL	-2,395.283	-2,390.438	-31,534.568	0.00
	APNRL	0.000	-135.054	-371,996.086	0.00
	GMRKEL	15,070.092	15,162.545	600,809.311	0.00
	JITPL	11,490.316	11,175.636	-1,014,967.82	0.00
	TPTCL	1,063.580	982.890	-207,935.51	0.00
	BRBCL	3,491.345	3,368.073	-270,572.734	-62,073.10
	TALCHER SOLAR	43.203	45.974	25,914.46	0.00
	JORETHANG HEP	1,123.327	856.736	-574,599.46	0.00
	IND Barath	0.000	-5.891	-15,795.58	0.00
	HVDC SASARAM	-24.458	-0.625	65,074.670	0.00
	VAE	-1,227.733	0.000	3,228,864.222	0.00
	NVVN	-10,549.609	-10,240.073	852,643.874	-23,844.40
	CHUZACHEN	812.208	844.051	58,622.192	0.00
	TUL	9,083.367	9,280.073	678,444.102	0.00
	DIKCHU	575.948	585.273	45,301.651	0.00
	THEP	979.999	873.664	-172,631.629	0.00
	HVDC ALIPURDUJAR	-51.354	-16.457	95,355.755	0.00
	14/11/17	BSPHCL	-56,884.808	-57,162.927	-528,732.43
JUVNL		-13,375.817	-14,711.784	-4,512,900.00	-1,129,917.29
DVC		20,078.463	16,768.471	-10,438,648.55	-3,303,675.57
GRIDCO		-31,723.940	-36,883.475	-13,533,310.38	-2,432,247.97
SIKIM		-1,366.453	-1,639.111	-924,865.30	0.00
WBSETCL		-29,565.281	-32,841.696	-8,793,882.21	-889,223.63
NER		4,771.909	-11,597.875	-48,241,296.05	-43,388,568.29
NR		-34,366.477	-40,317.474	-11,744,571.66	-10,524,984.50
SR		-16,476.757	-31,989.006	-50,039,084.56	-47,512,053.18
WR		-20,516.289	29,614.708	143,767,487.16	0.00
FSTPP-I & II		29,654.081	29,425.207	-503,621.40	0.00
KHSTPP-I		15,992.512	15,981.999	53,599.69	0.00
TSTPP		21,615.000	21,804.986	549,978.38	0.00
RANGIT		954.000	980.874	103,238.99	0.00
CHPC		561.750	2,695.050	4,799,924.04	0.00
KHPC		672.000	624.326	-101,068.03	0.00
THPC		6,000.000	2,783.584	-6,818,801.49	0.00
KHSTPP-II		31,982.114	32,202.074	665,207.050	0.00
FSTPP-III		8,073.300	8,047.083	-47,801.392	0.00
TEESTA		4,200.000	4,432.364	607,299.633	0.00
MATHON R/B		11,718.298	11,764.800	155,652.931	0.00
BARH		27,528.637	27,650.981	410,363.293	0.00
NVVN-NEPAL		-2,395.283	-2,410.502	51,303.414	0.00
APNRL		0.000	-83.200	-241,339.951	0.00
GMRKEL		15,010.568	15,408.509	1,537,487.996	0.00
JITPL		11,482.259	10,867.709	-1,853,039.318	-466,630.37
TPTCL		1,063.580	968.298	-259,430.56	0.00
BRBCL		635.768	531.600	-160,809.100	-204,369.04
TALCHER SOLAR		32.493	26.651	-58,312.350	0.00
JORETHANG HEP		1,123.327	832.576	-596,057.042	-467.43
IND Barath		0.000	-4.727	-13,764.079	0.00
HVDC SASARAM		-24.355	-0.605	69,057.720	0.00
VAE		-2,614.618	0.000	6,834,656.573	0.00
NVVN		-10,627.921	-10,638.473	-16,465.227	-44,249.60
CHUZACHEN		643.480	654.251	10,828.711	0.00
TUL		8,955.972	9,141.745	871,361.191	0.00
DIKCHU		575.948	582.364	16,755.228	0.00
THEP		965.017	864.448	-99,869.584	0.00
HVDC ALIPURDUJAR		-51.930	-15.826	104,332.501	0.00
15/11/17		BSPHCL	-52,764.141	-56,227.251	-7,673,994.30
	JUVNL	-12,255.862	-13,986.591	-4,441,501.94	-1,000,543.50
	DVC	24,031.287	19,678.498	-10,634,186.48	-1,995,111.31
	GRIDCO	-28,073.179	-33,238.289	-12,204,653.77	-2,661,301.00
	SIKIM	-1,326.367	-1,608.128	-622,977.57	0.00
	WBSETCL	-31,576.775	-34,603.640	-6,951,208.96	-716,522.63
	NER	2,452.913	-8,942.886	-28,502,115.38	-24,404,679.86
	NR	-28,198.481	-35,459.733	-11,403,869.21	-11,617,426.43
	SR	-19,634.361	-34,476.787	-40,006,439.22	-33,057,695.37
	WR	-21,922.247	31,823.288	127,113,061.77	0.00
	FSTPP-I & II	32,447.989	31,892.244	-1,185,435.87	0.00
	KHSTPP-I	12,665.936	12,708.409	182,504.08	0.00
	TSTPP	20,485.000	20,301.252	-387,871.17	0.00
	RANGIT	895.500	923.550	75,308.93	0.00
	CHPC	864.000	2,853.600	4,476,600.13	0.00
	KHPC	624.000	530.050	-199,174.85	0.00
	THPC	6,039.000	2,947.343	-6,554,312.42	0.00
	KHSTPP-II	32,403.467	32,420.097	172,199.224	0.00
	FSTPP-III	8,686.103	8,615.646	-146,173.712	0.00
	TEESTA	4,704.000	4,954.618	616,201.816	0.00
	MATHON R/B	11,781.360	11,798.000	63,742.443	0.00
	BARH	16,787.564	16,654.691	-290,893.639	-8,474.26
	NVVN-NEPAL	-2,395.283	-2,481.120	-233,550.539	0.00
	APNRL	0.000	-70.836	-172,686.742	0.00
	GMRKEL	15,010.568	15,388.072	1,197,791.517	0.00
	JITPL	10,270.757	10,378.982	286,856.314	0.00
	TPTCL	1,063.580	954.664	-252,783.83	0.00
	BRBCL	0.000	-121.654	-274,969.901	0.00
	TALCHER SOLAR	6.100	6.607	4,736.710	0.00
	JORETHANG HEP	1,031.535	774.464	-461,778.141	0.00
	IND Barath	0.000	-5.891	-13,962.944	0.00
	HVDC SASARAM	-19.234	-0.596	45,786.459	0.00
	VAE	-574.763	0.000	1,301,638.318	0.00
	NVVN	-10,577.129	-10,618.654	-60,107.025	-16,415.45
	CHUZACHEN	609.207	612.638	-6,818.296	0.00
	TUL	9,019.670	9,144.000	526,237.917	0.00
	DIKCHU	575.948	581.909	11,221.977	0.00
	THEP	951.049	846.336	-110,169.900	-1,347.95
	HVDC ALIPURDUJAR	-31.311	-14.949	39,542.622	0.00

ERP, 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.	
16/11/17	BSPHCL	-54,274.514	-56,531.166	-4,678,258.95	-819,865.36	
	JUVNL	-11,172.047	-11,924.912	-1,610,789.93	-220,974.53	
	DVC	24,265.592	20,930.596	-7,914,114.37	-1,255,616.09	
	GRIDCO	-28,553.101	-37,179.619	-21,401,832.71	-10,802,353.35	
	SIKKIM	-1,333.335	-1,607.259	-777,281.78	0.00	
	WBSETCL	-30,100.739	-33,239.415	-7,271,024.73	-1,311,904.11	
	NER	2,181.849	-9,456.361	-25,695,804.94	-21,771,965.74	
	NR	-33,917.143	-41,352.080	-15,480,538.10	-10,001,561.29	
	SR	-16,556.610	-34,047.089	-44,649,583.64	-39,078,435.08	
	WR	-14,308.139	42,323.584	134,337,488.33	0.00	
	FSTPP-I & II	31,647.180	31,019.434	-1,334,073.78	0.00	
	KHSTPP-I	12,644.483	12,643.244	15,793.11	0.00	
	TSTPP	18,236.250	18,590.723	707,540.22	0.00	
	RANGIT	900.000	921.614	78,044.48	0.00	
	CHPC	640.000	2,711.126	4,660,033.25	0.00	
	KHPC	624.000	561.791	-131,883.50	0.00	
	THPC	5,976.000	2,800.189	-6,732,720.09	0.00	
	KHSTPP-II	32,021.739	32,026.316	81,025.27	0.00	
	FSTPP-III	9,027.592	8,947.438	-151,293.98	0.00	
	TEESTA	4,242.000	4,456.945	430,926.72	0.00	
	MAITHON R/B	11,717.298	11,723.600	29,015.20	0.00	
	BARH	14,711.327	14,592.982	-116,942.038	0.00	
	NVVN-NEPAL	-2,395.283	-2,544.854	-332,704.896	0.00	
	APNRL	882.500	914.909	-36,298.99	0.00	
	GMRKEL	14,331.189	14,564.000	878,951.71	0.00	
	JITPL	9,849.575	9,971.200	294,999.90	0.00	
	TPTCL	1,063.580	941.210	-274,427.78	0.00	
	BRBCL	0.000	-93.673	-204,941.921	0.00	
	TALCHER SOLAR	6.815	5.532	-11,994.65	0.00	
	JORETHANG HEP	1,063.628	811.424	-302,358.46	-6,185.11	
	IND Barath	0.000	-7.345	-16,866.55	0.00	
	HVDC SASARAM	-19.355	-0.636	43,965.95	0.00	
	VAE	-220.520	0.000	723,156.48	0.00	
	NVVN	-10,490.928	-10,446.836	37,517.13	-2,059.77	
	CHUZACHEN	610.627	592.100	-36,293.74	-333.54	
	TUL	9,182.124	9,169.964	356,941.125	0.00	
	DIKCHU	575.948	479.000	-349,945.595	-12,176.20	
	THEP	965.017	821.856	-167,302.387	-92.79	
	HVDC ALIPURDUAR	-27.463	-15.350	29,404.193	0.00	
	17/11/17	BSPHCL	-57,674.169	-61,111.712	-11,325,009.21	-2,041,416.64
		JUVNL	-13,300.786	-13,315.827	-227,506.92	-13,321.90
		DVC	23,700.037	20,236.280	-10,057,216.86	-1,149,612.24
		GRIDCO	-29,421.574	-36,805.177	-21,967,244.16	-8,504,976.16
SIKKIM		-1,328.869	-1,650.935	-1,010,347.47	0.00	
WBSETCL		-26,679.307	-30,977.473	-13,020,166.39	-2,618,959.14	
NER		2,728.463	-5,616.068	-24,859,301.14	-19,841,586.58	
NR		-28,932.849	-40,559.007	-31,478,834.45	-21,104,632.96	
SR		-18,705.478	-33,942.710	-46,932,426.25	-39,035,472.83	
WR		-17,647.402	38,456.217	167,142,688.53	0.00	
FSTPP-I & II		32,598.404	32,067.541	-1,355,364.67	0.00	
KHSTPP-I		12,743.706	12,727.269	-29,970.28	0.00	
TSTPP		15,442.500	15,531.178	170,530.71	-34,069.72	
RANGIT		891.000	935.010	167,758.04	0.00	
CHPC		408.000	2,750.873	5,271,463.80	0.00	
KHPC		552.000	587.747	75,783.22	0.00	
THPC		6,051.000	2,841.241	-6,804,688.55	0.00	
KHSTPP-II		33,225.845	33,242.385	339,557.152	0.00	
FSTPP-III		8,877.041	8,801.586	-180,562.562	0.00	
TEESTA		4,284.000	4,511.164	651,530.196	0.00	
MAITHON R/B		4,998.834	4,544.436	-1,240,168.185	-685,818.09	
BARH		16,772.622	16,742.400	-95,567.210	0.00	
NVVN-NEPAL		-2,370.332	-2,537.434	-418,091.640	0.00	
APNRL		5,903.850	5,894.254	-22,973.290	0.00	
GMRKEL		14,797.518	15,475.200	2,017,840.230	0.00	
JITPL		9,810.467	9,987.054	523,702.554	0.00	
TPTCL		1,015.368	929.633	-245,977.72	0.00	
BRBCL		2,247.067	2,117.182	-367,934.403	-1,680.49	
TALCHER SOLAR		15.968	21.280	45,732.25	0.00	
JORETHANG HEP		965.600	733.120	-539,659.75	-1,881.64	
IND Barath		0.000	-7.491	-21,569.34	0.00	
HVDC SASARAM		-19.355	-0.604	56,327.62	0.00	
VAE		-77.760	0.000	257,864.15	0.00	
NVVN		-9,107.019	-9,061.127	112,231.684	-808.39	
CHUZACHEN		609.207	617.027	47,223.667	-2,484.37	
TUL		9,241.745	9,198.473	99,678.655	0.00	
DIKCHU		575.948	592.818	55,701.577	0.00	
THEP		863.491	794.688	-97,423.361	0.00	
HVDC ALIPURDUAR		-31.333	-15.740	44,344.406	0.00	
18/11/17		BSPHCL	-60,027.343	-61,878.337	-4,770,741.44	-705,347.24
		JUVNL	-13,094.172	-14,177.671	-2,933,542.91	-295,085.12
		DVC	25,498.849	23,802.146	-5,021,732.08	-2,745,488.21
		GRIDCO	-30,581.350	-36,624.344	-15,449,404.38	-3,915,344.56
	SIKKIM	-1,255.656	-1,633.841	-1,073,534.09	0.00	
	WBSETCL	-24,641.251	-29,292.461	-12,278,767.69	-3,268,417.15	
	NER	2,867.800	-9,828.279	-33,965,607.51	-29,493,174.15	
	NR	-19,145.604	-27,063.989	-19,387,177.06	-15,840,497.59	
	SR	-18,476.514	-31,117.373	-35,250,464.82	-28,382,786.04	
	WR	-14,629.518	35,849.233	132,805,975.87	0.00	
	FSTPP-I & II	21,717.075	21,498.055	-495,245.44	0.00	
	KHSTPP-I	11,254.677	11,249.858	10,179.86	0.00	
	TSTPP	13,398.642	13,328.834	-173,032.15	0.00	
	RANGIT	864.000	902.617	121,657.50	0.00	
	CHPC	264.000	2,564.812	5,176,826.04	0.00	
	KHPC	240.000	640.884	900,754.08	0.00	
	THPC	6,754.500	2,649.068	-8,703,516.36	0.00	
	KHSTPP-II	26,739.663	26,882.759	434,514.544	0.00	
	FSTPP-III	6,984.823	6,863.362	-316,872.474	0.00	
	TEESTA	4,704.000	4,948.509	676,536.356	0.00	
	MAITHON R/B	0.000	-232.655	-567,146.103	0.00	
	BARH	29,551.166	29,416.909	-284,290.388	0.00	
	NVVN-NEPAL	-1,796.462	-2,442.384	-1,689,868.658	-768.58	
	APNRL	5,903.850	5,969.673	179,453.035	0.00	
	GMRKEL	14,847.543	15,422.982	1,648,001.918	0.00	
	JITPL	10,010.244	10,147.927	400,704.183	0.00	
	TPTCL	991.261	914.161	-200,944.07	0.00	
	BRBCL	4,012.351	4,187.127	405,248.581	0.00	
	TALCHER SOLAR	9.673	9.101	-7,494.35	0.00	
	JORETHANG HEP	1,065.631	813.472	-613,460.45	-993.01	
	IND Barath	0.000	-2.473	-6,146.94	0.00	
	HVDC SASARAM	-16.798	-0.590	43,130.52	0.00	
	VAE	-560.175	0.000	1,466,819.77	0.00	
	NVVN	-9,749.401	-9,835.636	-252,164.259	-12,726.89	
	CHUZACHEN	559.014	569.068	40,462.318	0.00	
	TUL	8,386.669	8,541.891	591,137.298	0.00	
	DIKCHU	575.948	566.727	-43,559.143	0.00	
	THEP	941.138	770.144	-402,750.867	-5,723.79	
	HVDC ALIPURDUAR	-55.699	-14.969	109,462.374	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.
19/11/17	BSPHCL	-60,989.255	-61,295.920	-478,731.62	-80,457.39
	JUVNL	-13,748.431	-14,109.440	-1,232,694.51	-82,948.54
	DVC	26,935.140	28,829.098	3,980,530.04	-3,471.17
	GRIDCO	-34,392.875	-39,822.875	-14,031,101.14	-3,050,292.32
	SIKKIM	-1,317.621	-1,418.743	-312,599.65	0.00
	WBSETCL	-24,620.913	-26,917.156	-4,570,772.69	-483,504.37
	NER	3,346.024	-7,671.866	-27,331,720.40	-23,190,770.96
	NR	-19,018.617	-29,450.485	-24,196,851.45	-21,310,382.17
	SR	-25,136.100	-34,187.781	-23,562,823.93	-15,423,457.90
	WR	-8,854.057	28,886.903	90,788,893.75	0.00
	FSTPP-I & II	23,054.989	22,778.763	-564,234.96	0.00
	KHSTPP-I	11,878.532	11,891.387	103,886.24	-7.20
	TSTPP	15,699.288	15,945.568	520,285.29	-1,143.34
	RANGIT	873.000	917.566	127,747.45	0.00
	CHPC	264.000	2,479.289	4,984,400.85	0.00
	KHPC	240.000	646.441	861,655.34	0.00
	THPC	6,000.000	2,560.736	-7,291,239.71	0.00
	KHSTPP-II	29,652.698	29,707.884	323,912.046	0.00
	FSTPP-III	6,824.823	6,811.164	-14,161.288	0.00
	TEESTA	4,284.000	4,496.073	570,842.258	0.00
	MAITHON R/B	1,640.390	1,507.345	-326,409.347	0.00
	BARH	29,557.849	29,428.690	-206,203.144	0.00
	NVVN-NEPAL	-1,796.462	-2,212.819	-1,056,119.076	0.00
	APNRL	5,903.850	5,925.018	59,717.187	0.00
	GMRKEL	13,885.263	14,583.782	2,148,219.816	0.00
	JITPL	9,989.134	10,158.982	408,443.149	0.00
	TPCL	991.261	904.847	-207,858.18	0.00
	BRBCL	3,391.534	3,587.200	491,494.645	0.00
	TALCHER SOLAR	24.348	18.291	-63,059.39	0.00
	JORETHANG HEP	1,004.157	779.488	-455,483.39	0.00
	IND Barath	0.000	-1.091	-1,651.34	0.00
	HVDC SASARAM	-19.355	-0.558	46,554.18	0.00
	VAE	-346.333	0.000	736,610.85	0.00
	NVVN	-10,463.931	-10,422.000	29,857.800	-39,674.88
	CHUZACHEN	494.322	532.164	123,949.947	0.00
	TUL	7,461.715	7,560.000	298,886.684	0.00
	DIKCHU	575.948	519.273	-127,460.940	-1,253.85
	THEP	922.582	797.920	-229,995.956	-769.26
	HVDC ALIPURDUAR	-55.699	-17.076	96,161.632	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 13/11/17 TO 19/11/17	BSPHCL	-399,513.56	-411,195.01	-32,878,471.00	-6,806,352.28
	JUVNL	-91,180.34	-97,941.75	-21,934,306.00	-4,268,122.07
	DVC	166,971.37	149,336.32	-48,021,505.00	-12,911,798.74
	GRIDCO	-215,062.35	-257,599.54	-107,379,475.00	-34,112,294.39
	SIKKIM	-9,558.06	-11,112.43	-3,845,441.00	0.00
	WBSETCL	-192,821.57	-216,661.00	-68,383,260.00	-10,037,700.16
	NER	22,844.31	-65,120.09	-237,572,290.00	0.00
	NR	-198,129.54	-257,257.13	-132,830,846.00	0.00
	SR	-128,846.25	-223,425.57	-267,527,470.00	0.00
	WR	-124,160.73	229,394.58	925,927,444.00	0.00
	FSTPP-I & II	196,841.19	194,121.19	-6,059,625.12	-60.26
	KHSTPP-I	93,054.17	93,144.71	440,335.46	-7.20
	KHSTPP-II	217,137.97	217,691.82	2,091,989.69	0.00
	TSTPP	125,844.18	126,557.12	1,586,366.33	-35,213.06
	FSTPP-III	57,136.24	56,651.65	-1,045,382.91	0.00
	TEESTA	30,786.00	32,424.54	4,237,444.00	0.00
	MAITHON R/B	53,352.60	52,702.62	-1,671,155.32	-685,818.09
	RANGIT	6,331.50	6,558.09	747,943.00	0.00
	BARH	161,509.70	160,969.42	-720,050.94	-8,474.26
	NVVN-NEPAL	-15,544.39	-17,019.55	-3,710,566.00	-768.58
	APNRL	18,594.05	18,414.76	-606,125.00	0.00
	GMRKEL	102,952.74	106,005.09	10,029,103.00	0.00
	JITPL	72,902.75	72,687.49	-953,301.00	-466,630.37
	TPCL	7,252.21	6,595.70	-1,649,358.00	0.00
	BRBCL	13,778.27	13,575.85	-382,484.83	-268,122.63
	TALCHER SOLAR	138.60	133.44	-64,477.00	0.00
	JORETHANG HEP	7,377.21	5,601.28	-3,543,397.00	-9,527.19
	IND Barath	0.00	-34.91	-89,757.00	0.00
	HVDC SASARAM	-142.91	-4.22	369,897.00	0.00
	VAE	-5,621.90	0.00	14,549,610.36	0.00
	NVVN-BD	-71,565.94	-71,262.80	703,514.00	-139,779.39
	CHUZACHEN	4,338.07	4,421.30	237,875.00	-2,817.91
	TUL	61,331.26	62,020.14	3,422,686.97	0.00
DIKCHU	4,031.64	3,907.36	-391,985.25	-13,430.04	
THEP	6,588.29	5,769.06	-1,280,143.68	-7,933.79	
HVDC ALIPURDUAR	-304.79	-110.37	518,603.00	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: 07/12/2017

RRAS Account for Week: 13-Nov-17 to 19-Nov-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	1384.63800	1178328	3675803	692319	5546450
2	FSTPP-III	748.94000	1142134	2041111	374470	3557714
3	KHSTPP-I	458.20000	471488	1011827	229099	1712413
4	KHSTPP-II	376.63700	415808	783198	188318	1387322
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	2277.63100	4247782	5365164	1138815	10751762
7	BRBCL	470.75100	1474394	1033518	235376	2743288

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
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	1384.63800	540514	BSPHCL
			15850	SIKKIM
			21062	WBSETCL
			92925	ASSAM
			70965	DELHI
			12159	HARYANA
			7794	J & K
			215657	PUNJAB
			17946	RAJASTHAN
			183456	UP
2	FSTPP-III	748.94000	961776	BSPHCL
			5968	JUVNL
			174258	WBSETCL
			132	ASSAM
3	KHSTPP-I	458.20000	12484	WBSETCL
			4257	ASSAM
			55336	DELHI
			311	HARYANA
			11423	J & K
			92698	PUNJAB
			37919	RAJASTHAN
			257060	UP
4	KHSTPP-II	376.63700	162	DVC
			70	SIKKIM
			9546	WBSETCL
			350	ASSAM
			28908	CHATTISGARH
			51156	DELHI
			1993	GUJARAT
			4283	HARYANA
			6498	HP
			2391	J & K
			1045	MP
			75228	PUNJAB
			65340	RAJASTHAN
			168838	UP
5	TSTPP-I	0.00000	0	-
6	BARH	2277.63100	4209083	BSPHCL
			11914	JUVNL
			26785	SIKKIM
7	BRBCL	470.75100	31227	DVC_Railway
			1443167	MAHARASHTRA

A) RRAS settlement account for the week 13-Nov-17 to 19-Nov-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-1 and the same published in ERPC website as format AS-3.

C) Mark Up rate for Regulation Up service has been considered at 50paise/KWh as per CERC order on petition no 01/SM/2016 dated 29.02.2016

D) Quantum of Energy scheduled to/from VAE (Virtual Ancillary Entity) from/to concerned RRAS provider during Regulation Up/Regulation Down service has been considered as per the data furnished by ERLDC

E) For the purpose of refund of Fixed Charges during Regulation Up service, the total Fixed charges received by the RRAS provider from DSM Pool Account has been apportioned in the ratio of the quantum surrendered by the original beneficiaries.

This is as per Clause 13.6 of the Detailed Procedure for Ancillary Services Operation approved by CERC.