



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
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/2017

Date: 21.12.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 27.11.2017 to 03.12.2017.

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 27.11.17 TO 03.12.17**

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	724.49114	173.36239	897.85353	DVC	71.50063	0.88190	70.61873
WBSETCL	499.55194	143.62198	643.17391	HVDC ALIPURDUAR	6.65187	0.03658	6.61529
BSPHCL	167.10238	29.66521	196.76759	HVDC SASARAM	2.77938	0.01557	2.76381
JUVNL	100.61579	10.65471	111.27050	WR	6280.87005	0.00000	6280.87005
SIKKIM	9.47066	0.04024	9.51090	GMRKEL	94.88408	0.04017	94.84391
NER	2634.71952	0.00000	2634.71952	TSTPP	12.05351	0.02626	12.02724
SR	2218.87986	0.00000	2218.87986	BRBCL	10.33504	0.14505	10.18999
NVVN-NEPAL	39.21267	0.05732	39.26999	KHSTPP-II	9.53616	0.39348	9.14268
NVVN-BD	8.93723	1.90554	10.84277	MAITHON R/B	5.76302	0.00000	5.76302
NR	8.56924	0.00000	8.56924	TEESTA	44.80572	0.34453	44.46120
BARH	41.76481	0.00000	41.76481	Teesta-III(TUL)	21.86070	0.00464	21.85606
FSTPP I&II	35.33952	0.39638	35.73590	RANGIT	6.41714	0.03783	6.37931
FSTPP-III	15.64483	0.01674	15.66157	CHUZACHEN	0.86147	0.24748	0.61399
KHSTPP-I	5.86439	0.05416	5.91855	JITPL	13.85023	0.08899	13.76123
JORETHANG LOOP HEP	18.49660	0.00666	18.50326	APNRL	6.17918	0.02031	6.15887
TPTCL	14.33138	0.00000	14.33138	TALCHER SOLAR	0.63075	0.00000	0.63075
THEP	10.47925	0.13492	10.61416				
DIKCHU	7.53032	0.00000	7.53032				
IND BARATH	1.03367	0.00000	1.03367				
TOTAL	6562.03518	359.91626	6921.95144		6588.97894	2.28279	6586.69615

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

362.19904

(All figures in Rs. Lakhs)	
Payable to the pool(A):	6562.03518
Payable from the pool(B):	6588.97894
Differential Amount Arising from capping of Thermal Power Stations(A-B)	-26.94376
Additional Deviation Amount:	362.19904
VAE of Eastern Region:	52.97126

**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

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.
27/11/17	BSPHCL	-53,585.958	-55,061.390	-3,965,613.44	-1,314,251.94
	JUVNL	-13,958.951	-14,074.280	-432,841.88	-33,261.26
	DVC	32,775.219	33,352.121	1,907,265.29	-5,912.87
	GRIDCO	-35,358.776	-40,678.933	-13,511,314.17	-2,700,218.09
	SIKKIM	-1,537.644	-1,624.456	-366,796.64	0.00
	WBSETCL	-12,417.301	-16,161.322	-9,314,599.13	-4,787,970.27
	NER	2,255.100	-12,208.033	-37,921,156.16	-33,509,455.76
	NR	-51,439.903	-52,909.870	-8,085,110.81	-8,723,609.21
	SR	-13,548.481	-29,867.794	-44,879,036.91	-38,437,765.81
	WR	-20,890.285	21,904.201	115,573,601.66	0.00
	FSTPP-I & II	26,367.912	25,767.509	-1,461,143.88	-6,514.21
	KHSTPP-I	12,296.945	12,234.761	-81,833.44	0.00
	TSTPP	10,432.213	10,588.971	407,620.82	0.00
	RANGIT	783.000	829.411	145,121.76	0.00
	CHPC	480.000	2,183.155	3,832,098.09	0.00
	KHPC	528.000	528.602	1,277.09	0.00
	THPC	4,608.000	2,254.873	-4,988,628.94	0.00
	KHSTPP-II	29,488.738	29,530.456	158,325.16	0.00
	FSTPP-III	9,071.334	8,863.436	-441,756.51	0.00
	TEESTA	3,768.000	4,067.927	830,284.94	0.00
	MATTHON R/B	11,303.173	11,304.363	46,420.95	0.00
	BARH	29,415.736	28,777.200	-1,266,383.184	0.00
	NVVN-NEPAL	-2,385.518	-2,527.958	-439,488.480	0.00
	APNRL	5,903.601	5,938.763	129,029.822	0.00
	GMRKEL	14,266.925	14,833.745	1,860,095.658	0.00
	JITPL	10,270.518	10,348.654	173,397.48	0.00
	TPTCL	896.538	819.431	-183,652.80	0.00
	BRBCL	4,194.966	4,307.636	222,094.509	0.00
	TALCHER SOLAR	43.365	45.434	19,292.93	0.00
	JORETHANG HEP	886.128	693.312	-390,193.88	-3.89
	IND Barath	0.000	-6.982	-17,578.90	0.00
	HVDC SASARAM	-19.312	-0.591	49,442.956	0.00
	VAE	-960.085	0.000	2,828,521.427	0.00
	NVVN	-9,829.286	-9,904.254	-235,226.317	-2,827.56
	CHUZACHEN	713.430	735.901	36,436.474	0.00
	TUL	8,188.922	8,338.873	431,595.804	0.00
	DIKCHU	576.591	584.364	22,684.970	0.00
	THEP	921.658	717.248	-385,186.362	-2,024.93
	HVDC ALIPURDUJAR	-55.576	-15.242	107,619.267	0.00
	28/11/17	BSPHCL	-53,502.277	-55,958.081	-7,659,399.11
JUVNL		-14,901.297	-16,086.290	-3,681,257.46	-533,666.27
DVC		34,999.302	36,031.794	2,687,318.41	-14,434.86
GRIDCO		-36,354.259	-43,506.484	-18,869,833.27	-5,307,145.48
SIKKIM		-1,521.591	-1,647.178	-466,699.80	0.00
WBSETCL		-15,012.306	-18,231.464	-8,882,981.85	-3,268,533.56
NER		2,714.580	-10,929.908	-38,252,130.75	-33,559,705.71
NR		-50,591.481	-50,143.802	3,316,746.87	-3,822,296.16
SR		-14,175.170	-28,683.646	-42,079,210.63	-36,569,353.67
WR		-20,726.078	19,020.284	110,537,952.06	-801,515.97
FSTPP-I & II		23,748.532	23,240.346	-1,207,222.00	0.00
KHSTPP-I		12,560.649	12,579.699	84,451.39	-1,559.48
TSTPP		10,440.000	10,598.103	438,367.08	0.00
RANGIT		760.500	800.016	130,778.03	-1,204.70
CHPC		432.000	2,344.565	4,303,270.27	0.00
KHPC		528.000	495.036	-69,883.68	0.00
THPC		4,432.500	2,421.585	-4,263,138.83	0.00
KHSTPP-II		31,430.245	31,508.863	264,213.282	0.00
FSTPP-III		10,373.797	10,054.744	-770,090.540	0.00
TEESTA		4,488.000	4,857.818	1,006,576.381	-3,301.09
MATTHON R/B		11,607.969	11,688.400	200,379.220	0.00
BARH		29,833.613	29,534.618	-548,403.302	0.00
NVVN-NEPAL		-2,385.518	-2,605.872	-659,285.987	0.00
APNRL		5,903.601	5,937.018	104,889.998	-55.94
GMRKEL		14,462.537	15,206.909	2,218,763.033	0.00
JITPL		10,339.630	10,417.236	167,997.778	-2,937.01
TPTCL		896.538	821.009	-213,274.10	0.00
BRBCL		4,238.890	4,260.709	45,398.789	-1,465.37
TALCHER SOLAR		42.900	44.043	10,682.843	0.00
JORETHANG HEP		886.128	679.488	-445,654.696	-164.53
IND Barath		0.000	-6.618	-18,497.763	0.00
HVDC SASARAM		-19.312	-0.597	52,559.509	-344.46
VAE		-1,106.073	0.000	2,841,526.569	0.00
NVVN		-9,794.274	-9,852.073	-198,360.484	-3,878.81
CHUZACHEN		458.989	476.832	59,487.948	-376.41
TUL		7,548.413	7,680.654	444,443.345	0.00
DIKCHU		576.591	484.818	-287,502.956	0.00
THEP		933.662	708.736	-406,381.488	-2,408.99
HVDC ALIPURDUJAR		-55.576	-15.544	113,485.197	-706.86
29/11/17		BSPHCL	-56,026.599	-55,385.218	1,729,143.76
	JUVNL	-15,723.948	-16,117.653	-1,414,719.03	-305,755.96
	DVC	36,383.852	37,075.193	1,818,860.56	0.00
	GRIDCO	-28,676.361	-32,952.718	-8,610,258.70	-2,263,975.26
	SIKKIM	-1,608.775	-1,534.395	217,167.89	0.00
	WBSETCL	-20,101.264	-22,635.133	-5,421,446.31	-1,253,504.54
	NER	829.701	-16,828.833	-42,972,096.83	-38,940,706.84
	NR	-51,064.296	-50,430.150	4,506,442.44	-1,803,482.00
	SR	-15,955.985	-29,973.018	-38,829,449.25	-32,789,036.11
	WR	-22,864.117	15,227.628	91,140,482.20	0.00
	FSTPP-I & II	32,175.882	31,527.634	-1,419,879.35	0.00
	KHSTPP-I	12,370.277	12,341.936	56,246.27	0.00
	TSTPP	10,446.749	10,539.231	305,195.65	0.00
	RANGIT	738.000	765.496	95,910.69	0.00
	CHPC	576.000	2,016.467	3,241,050.32	0.00
	KHPC	552.000	676.051	262,988.54	0.00
	THPC	4,305.000	2,082.709	-4,711,256.06	0.00
	KHSTPP-II	31,113.300	31,157.395	241,175.191	0.00
	FSTPP-III	8,715.101	8,664.729	-115,024.899	0.00
	TEESTA	3,928.000	4,234.691	843,039.853	0.00
	MATTHON R/B	11,644.353	11,619.236	10,787.249	0.00
	BARH	29,647.251	29,218.691	-682,148.404	0.00
	NVVN-NEPAL	-2,385.518	-2,588.995	-467,496.616	0.00
	APNRL	5,903.601	5,953.236	135,149.895	0.00
	GMRKEL	14,571.036	14,676.000	738,567.473	0.00
	JITPL	10,224.240	10,298.254	30,606.258	0.00
	TPTCL	896.538	813.053	-182,461.73	0.00
	BRBCL	4,168.513	4,184.218	17,283.175	-8,810.31
	TALCHER SOLAR	46.130	44.931	-11,212.053	0.00
	JORETHANG HEP	840.118	666.048	-280,601.449	-2.20
	IND Barath	0.000	-6.255	-14,034.915	0.00
	HVDC SASARAM	-19.312	-0.617	45,017.202	0.00
	VAE	-850.907	0.000	1,195,038.261	0.00
	NVVN	-9,811.976	-9,843.673	-92,052.413	-25,898.70
	CHUZACHEN	508.019	515.591	-21,243.789	-5,364.94
	TUL	7,624.528	7,768.273	381,659.272	-111.23
	DIKCHU	576.591	474.273	-305,453.697	0.00
	THEP	840.346	677.600	-164,243.439	-1,403.91
	HVDC ALIPURDUJAR	-55.576	-15.106	98,475.161	0.00

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.
30/11/17	BSPHCL	-54,627.964	-54,927.231	-1,345,962.03	-233,998.57
	JUVNL	-13,856.777	-13,886.881	-294,833.95	-54,510.49
	DVC	36,642.854	37,081.274	1,445,875.53	-13,099.94
	GRIDCO	-25,517.545	-29,034.681	-8,302,216.02	-1,751,184.92
	SIKKIM	-1,586.405	-1,576.776	-148,983.54	0.00
	WBSETCL	-18,718.372	-21,633.707	-6,287,358.35	-1,302,863.88
	NER	915.050	-17,401.325	-42,652,453.19	-38,730,277.43
	NR	-49,659.821	-50,405.119	-59,017.45	-4,126,090.88
	SR	-18,428.390	-29,585.022	-31,628,878.50	-27,386,168.58
	WR	-23,796.216	13,170.012	88,019,102.34	-1,571,896.65
	FSTPP-I & II	30,642.710	30,593.559	-177,408.48	0.00
	KHSTPP-I	12,203.865	12,033.920	-337,927.60	-449.49
	TSTPP	10,752.587	10,812.685	186,301.85	0.00
	RANGIT	774.000	813.323	117,340.40	-1,375.58
	CHPC	792.000	1,889.643	2,469,697.27	0.00
	KHPC	504.000	599.429	202,309.06	0.00
	THPC	4,197.750	1,951.720	-4,761,584.53	0.00
	KHSTPP-II	30,291.568	30,333.333	118,889.39	-29,202.07
	FSTPP-III	8,060.514	8,060.549	-70,317.84	-1,588.07
	TEESTA	3,978.000	4,204.109	517,006.41	-28,044.51
	MAITHON R/B	11,161.542	11,229.272	207,065.16	0.00
	BARH	29,753.363	29,445.709	-388,366.664	0.00
	NVVN-NEPAL	-2,385.518	-2,535.898	-466,090.886	-5,732.22
	APNRL	5,903.601	5,931.273	66,516.10	-1,535.87
	GMRKEL	11,483.825	11,866.254	1,112,482.97	-4,017.09
	JITPL	10,280.812	10,385.891	184,397.97	-5,962.27
	TPTCL	896.538	796.081	-225,026.65	0.00
	BRBCL	4,353.666	4,569.200	469,674.993	-3,997.76
	TALCHER SOLAR	42.570	42.843	2,552.55	0.00
	JORETHANG HEP	795.351	679.040	-100,522.48	-4.54
	IND Barath	0.000	-6.764	-15,512.00	0.00
	HVDC SASARAM	-19.136	-0.654	43,446.02	-694.52
	VAE	-701.453	0.000	1,951,899.13	0.00
	NVVN	-9,905.292	-9,989.163	-130,654.47	-8,697.05
	CHUZACHEN	537.001	530.509	-51,292.52	-19,006.46
	TUL	7,360.882	7,451.636	303,467.715	-352.44
	DIKCHU	576.591	447.091	-327,972.578	0.00
	THEP	734.494	709.280	-30,181.244	0.00
	HVDC ALIPURDUAR	-55.576	-15.301	95,336.602	-1,486.35
	01-12-17	BSPHCL	-54,220.554	-55,665.366	-3,654,012.90
JUVNL		-13,823.775	-13,964.194	-1,001,150.15	-57,139.50
DVC		37,144.659	37,675.318	1,353,657.08	-2,181.42
GRIDCO		-27,105.729	-30,917.690	-7,589,196.43	-1,105,170.66
SIKKIM		-1,557.674	-1,647.187	-262,340.86	0.00
WBSETCL		-21,565.831	-23,465.355	-2,740,747.25	-413,983.94
NER		-3,190.206	-18,973.936	-31,965,904.18	-28,536,752.32
NR		-48,124.743	-50,479.340	-2,884,364.00	-4,456,987.78
SR		-14,628.940	-26,004.748	-27,072,206.09	-22,090,240.66
WR		-17,243.018	21,595.256	78,512,561.84	0.00
FSTPP-I & II		29,254.515	29,388.860	65,408.56	0.00
KHSTPP-I		9,535.966	9,465.689	-75,686.62	0.00
TSTPP		10,860.130	10,784.814	-48,315.52	-1,976.35
RANGIT		715.500	738.175	62,983.14	0.00
CHPC		552.000	1,778.480	2,759,579.89	0.00
KHPC		672.000	430.668	-511,623.84	0.00
THPC		4,392.000	1,488.863	-6,594,651.24	0.00
KHSTPP-II		29,089.877	29,053.583	-11,101.794	0.00
FSTPP-III		8,034.799	8,022.084	-42,567.169	-85.80
TEESTA		4,352.000	4,663.636	542,913.306	0.00
MAITHON R/B		10,998.418	11,006.254	89,775.523	0.00
BARH		28,857.740	28,346.509	-487,368.929	0.00
NVVN-NEPAL		-2,529.973	-2,788.483	-507,604.540	0.00
APNRL		5,903.871	5,921.236	53,018.060	0.00
GMRKEL		11,472.220	11,677.236	1,029,322.056	-4.54
JITPL		9,538.936	9,668.945	203,196.575	0.00
TPTCL		898.638	781.761	-212,948.54	0.00
BRBCL		4,012.123	4,049.145	41,513.416	0.00
TALCHER SOLAR		41.480	43.662	20,404.51	0.00
JORETHANG HEP		808.852	631.680	-239,110.77	-1.10
IND Barath		0.000	-6.327	-12,103.81	0.00
HVDC SASARAM		-15.779	-0.671	31,397.68	0.00
VAE		-44.435	0.000	353,423.35	0.00
NVVN		-7,465.811	-7,612.073	-323,583.058	-120,831.51
CHUZACHEN		507.563	521.341	10,865.441	0.00
TUL		7,142.026	7,123.491	128,845.770	0.00
DIKCHU		431.682	457.455	72,383.521	0.00
THEP		699.523	696.032	-14,687.877	0.00
HVDC ALIPURDUAR		-55.576	-14.777	82,030.664	0.00
02-12-17		BSPHCL	-54,114.908	-53,463.994	1,122,673.32
	JUVNL	-13,875.000	-14,234.320	-880,522.81	-73,718.45
	DVC	38,874.065	38,169.172	-2,146,865.27	-52,007.95
	GRIDCO	-26,557.023	-31,749.005	-10,798,523.29	-3,096,571.23
	SIKKIM	-1,428.197	-1,621.268	-457,436.53	0.00
	WBSETCL	-17,391.417	-20,508.956	-6,286,954.89	-1,709,224.77
	NER	-2,098.376	-18,907.113	-34,513,964.82	-31,022,310.54
	NR	-44,765.252	-44,491.552	1,880,124.77	-1,448,956.76
	SR	-5,839.406	-15,771.297	-26,526,095.58	-23,429,744.21
	WR	-31,949.145	6,846.345	83,330,116.04	-670,340.57
	FSTPP-I & II	29,630.132	29,757.349	224,243.39	-33,124.18
	KHSTPP-I	7,787.720	7,733.209	-112,827.33	-3,406.66
	TSTPP	11,025.907	10,923.249	-110,676.79	-649.90
	RANGIT	711.000	709.416	20,345.77	-491.28
	CHPC	528.000	1,852.845	2,980,900.29	0.00
	KHPC	600.000	410.314	-402,135.17	0.00
	THPC	3,881.750	1,551.117	-4,940,941.34	0.00
	KHSTPP-II	29,020.930	29,034.812	13,482.569	-10,146.16
	FSTPP-III	8,058.511	8,025.487	-58,629.744	0.00
	TEESTA	3,579.000	3,790.400	441,436.541	-3,106.91
	MAITHON R/B	11,147.075	11,118.945	-1,493.120	0.00
	BARH	27,776.730	27,488.509	-435,228.393	0.00
	NVVN-NEPAL	-2,530.155	-2,712.182	-375,080.360	0.00
	APNRL	5,903.842	5,927.273	66,498.399	0.00
	GMRKEL	9,600.000	9,868.654	1,018,389.861	0.00
	JITPL	9,522.573	9,630.691	249,462.815	0.00
	TPTCL	898.638	766.549	-252,365.88	0.00
	BRBCL	4,125.851	4,147.618	49,810.851	0.00
	TALCHER SOLAR	40.033	42.138	19,690.63	0.00
	JORETHANG HEP	792.559	616.896	-277,017.03	-308.77
	IND Barath	0.000	-6.327	-12,547.09	0.00
	HVDC SASARAM	-12.816	-0.735	24,609.04	-228.82
	VAE	1,393.610	0.000	-2,024,806.90	0.00
	NVVN	-8,484.257	-8,490.400	75,720.164	-6,023.43
	CHUZACHEN	507.563	514.697	30,876.957	0.00
	TUL	6,841.804	6,815.782	46,044.980	0.00
	DIKCHU	431.682	452.091	59,398.122	0.00
	THEP	690.970	675.488	-13,039.668	-2,050.56
	HVDC ALIPURDUAR	-55.576	-14.456	84,845.160	-730.36

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.
03-12-17	BSPHCL	-54,875.440	-54,969.709	-716,986.37	-10,909.47
	JUVNL	-13,793.680	-14,022.878	-761,130.21	-7,419.00
	DVC	36,235.567	36,191.326	-404,487.86	-554.04
	GRIDCO	-27,946.647	-31,224.077	-6,772,819.38	-1,111,973.60
	SIKKIM	-1,536.136	-1,427.065	28,730.13	-4,024.33
	WBSETCL	-13,411.454	-16,446.984	-4,832,154.24	-1,626,116.65
	NER	-883.066	-18,011.306	-35,194,246.07	-31,706,200.81
	NR	-42,506.419	-43,865.977	468,254.38	-5,922,819.12
	SR	-14,544.416	-19,338.149	-10,873,108.65	-10,449,242.30
	WR	-21,965.861	10,037.679	60,973,189.23	-655,268.50
	FSTPP-I & II	28,190.060	28,500.971	442,050.10	0.00
	KHSTPP-I	9,860.033	9,778.763	-118,861.71	0.00
	TSTPP	11,003.944	10,926.049	26,857.64	0.00
	RANGIT	742.500	772.726	69,234.50	-711.29
	CHPC	312.000	1,895.608	3,563,117.71	0.00
	KHPC	72.000	373.021	638,164.94	0.00
	THPC	4,320.000	1,586.917	-5,794,136.42	0.00
	KHSTPP-II	28,220.911	28,155.942	146,428.973	0.00
	FSTPP-III	7,988.307	7,985.900	-66,096.139	0.00
	TEESTA	2,979.000	3,155.491	299,314.742	0.00
	MATTHON R/B	10,895.081	10,862.691	23,366.818	0.00
	BARH	29,191.064	28,823.018	-368,581.928	0.00
	NVVN-NEPAL	-2,127.816	-2,589.754	-1,006,220.322	0.00
	APNRL	5,903.871	5,903.254	62,816.049	-439.31
	GMRKEL	9,600.000	10,018.763	1,510,787.117	0.00
	JITPL	8,503.377	8,651.200	375,963.683	0.00
	TPTCL	849.776	758.037	-163,408.28	0.00
	BRBCL	3,656.651	3,754.854	187,728.484	-231.35
	TALCHER SOLAR	40.163	40.357	1,663.18	0.00
	JORETHANG HEP	792.559	657.568	-116,559.27	-181.44
	IND Barath	0.000	-6.691	-13,092.72	0.00
	HVDC SASARAM	-16.093	-0.659	31,465.68	-289.12
	VAE	1,055.415	0.000	-1,848,476.26	0.00
	NVVN	-9,834.809	-9,831.491	10,433.510	-22,397.20
	CHUZACHEN	322.150	332.711	21,016.103	0.00
	TUL	5,848.796	5,987.782	450,013.243	0.00
	DIKCHU	431.682	429.091	13,430.149	0.00
	THEP	690.031	659.456	-34,204.526	-5,603.29
	HVDC ALIPURDUAR	-55.576	-15.012	83,395.408	-734.63

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 27/11/17 TO 03-12-17	BSPHCL	-380,953.70	-385,430.99	-16,710,238.00	-2,966,520.91
	JUVNL	-99,933.43	-102,386.49	-10,061,579.00	-1,065,470.94
	DVC	253,055.52	255,576.20	7,150,063.00	-88,190.18
	GRIDCO	-207,516.34	-240,063.59	-72,449,114.00	-17,336,239.26
	SIKKIM	-10,776.42	-11,078.32	-947,066.00	-4,024.33
	WBSETCL	-118,617.95	-139,087.82	-49,955,194.00	-14,362,197.61
	NER	542.78	-113,260.46	-263,471,952.00	0.00
	NR	-338,151.91	-342,725.81	-856,924.00	0.00
	SR	-97,120.79	-179,223.67	-221,887,986.00	0.00
	WR	-159,434.72	107,801.41	628,087,005.00	0.00
	FSTPP-I & II	200,009.74	198,806.23	-3,533,951.66	-39,638.39
	KHSTPP-I	76,615.46	76,167.98	-586,439.04	-5,415.63
	KHSTPP-II	208,655.57	208,774.38	953,616.36	-39,348.24
	TSTPP	74,961.53	75,173.10	1,205,350.73	-2,626.25
	FSTPP-III	60,302.36	59,618.93	-1,564,482.84	-1,673.87
	TEESTA	27,072.00	28,974.07	4,480,572.00	-34,452.51
	MATTHON R/B	78,757.61	78,829.16	576,301.79	0.00
	RANGIT	5,224.50	5,428.56	641,714.00	-3,782.86
	BARH	204,475.50	201,634.25	-4,176,480.80	0.00
	NVVN-NEPAL	-16,730.02	-18,349.14	-3,921,267.00	-5,732.22
	APNRL	41,325.99	41,527.05	617,918.00	-2,031.11
	GMRKEL	85,456.54	88,147.56	9,488,408.00	-4,017.09
	JITPL	68,680.09	69,400.87	1,385,023.00	-8,899.28
	TPTCL	6,233.20	5,555.92	-1,433,138.00	0.00
	BRBCL	28,750.66	29,273.38	1,033,504.22	-14,504.79
	TALCHER SOLAR	296.64	303.41	63,075.00	0.00
	JORETHANG HEP	5,801.70	4,624.03	-1,849,660.00	-666.47
	IND Barath	0.00	-45.96	-103,367.00	0.00
	HVDC SASARAM	-121.76	-4.52	277,938.00	-1,556.92
	VAE	-1,213.93	0.00	5,297,125.58	0.00
	NVVN-BD	-65,125.70	-65,523.13	-893,723.00	-190,554.26
	CHUZACHEN	3,554.72	3,627.58	86,147.00	-24,747.81
	TUL	50,555.37	51,156.49	2,186,070.13	-463.67
	DIKCHU	3,601.41	3,329.18	-753,032.47	0.00
	THEP	5,510.68	4,843.84	-1,047,924.60	-13,491.68
	HVDC ALIPURDUAR	-389.03	-105.44	665,187.00	-3,658.21

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

Format -AS7: RRAS Settlement Account by ERPC

Date: 21/12/2017

RRAS Account for Week: 27-Nov-17 to 03-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	1297.06500	1103802	3105175	648533	4857510
2	FSTPP-III	583.89000	890433	1410094	291945	2592470
3	KHSTPP-I	650.89300	669770	1392260	325447	2387475
4	KHSTPP-II	879.15400	970586	1797871	439576	3208035
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	175.00000	326375	404425	87500	818300
7	BRBCL	1541.33100	4827449	3447957	770666	9046072

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	39.00000	87243	65432
2	FSTPP I & II	745.12928	1783839	1337880
3	FSTPP-III	143.47112	346483	259862
4	KHSTPP-I	316.23000	676416	507312
5	KHSTPP-II	97.39000	199163	149372
6	TSTPP-I	18.75000	24413	18309
7	BARH	2382.48750	5505929	4129446

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	1297.06500	332681	BSPHCL
			9332	JUVNL
			5151	GRIDCO
			6989	SIKKIM
			363166	WBSETCL
			39618	ASSAM
			43509	DELHI
			3384	HARYANA
			104419	PUNJAB
			20527	RAJASTHAN
			175026	UP
2	FSTPP-III	583.89000	344191	BSPHCL
			93281	JUVNL
			3424	GRIDCO
			447630	WBSETCL
			1907	ASSAM
3	KHSTPP-I	650.89300	2262	SIKKIM
			29609	WBSETCL
			119682	DELHI
			178003	PUNJAB
			59655	RAJASTHAN
			280559	UP
4	KHSTPP-II	879.15400	2532	SIKKIM
			50761	WBSETCL
			30542	ASSAM
			57327	CHATTISGARH
			133494	DELHI
			9004	GUJARAT
			5	HARYANA
			187018	PUNJAB
			59779	RAJASTHAN
			412537	UP
			27587	UTTARAKHAND
5	TSTPP-I	0.00000	0	-
6	BARH	175.00000	72549	BSPHCL
			246180	JUVNL
			7646	SIKKIM
7	BRBCL	1541.33100	1070800	DVC_Railway
			176469	BSPHCL
			3580180	MAHARASHTRA

A) RRAS settlement account for the week 27-Nov-17 to 03-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-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.