



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](http://www.erpc.gov.in)

NO: ERPC/COM-II/ABT-DC

Date: 12.01.2018

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 25.12.2017 to 31.12.2017.**

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 25.12.17 TO 31.12.17**

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	725.09504	178.05968	903.15472	SIKKIM	7.42111	0.01379	7.40732
WBSETCL	340.44849	61.88711	402.33560	HVDC ALIPURDUAR	6.30690	0.01610	6.29080
BSPHCL	143.00829	24.52758	167.53587	HVDC SASARAM	3.55571	0.00912	3.54659
JUVNL	108.43857	13.51695	121.95552	WR	5501.51367	0.00000	5501.51367
DVC	14.18158	2.87832	17.05990	GMRKEL	25.85055	0.00034	25.85021
NER	2240.28669	0.00000	2240.28669	BRBCL	23.01688	0.00437	23.01252
SR	1322.95712	0.00000	1322.95712	KHSTPP-II	8.33599	0.01305	8.32294
NR	470.51256	0.00000	470.51256	TEESTA	39.97810	0.00000	39.97810
NVVN-NEPAL	33.65043	0.00000	33.65043	RANGIT	3.37114	0.00763	3.36351
NVVN-BD	16.28720	2.66127	18.94847	CHUZACHEN	0.96690	0.01313	0.95377
FSTPP I&II	46.65930	0.09601	46.75531	JITPL	25.32641	0.08381	25.24259
BARH	29.64548	0.00000	29.64548	APNRL	6.91286	0.00906	6.90380
KHSTPP-I	11.42817	0.06389	11.49206	TALCHER SOLAR	0.88488	0.00000	0.88488
FSTPP-III	10.50140	0.00100	10.50240	Adj for JUVNL (09.12.17)	0.06445	0.00000	0.06445
TSTPP	2.36232	0.12016	2.48248	Adj for WBSETCL (09.12.17)	0.00069	0.00000	0.00069
MAITHON R/B	1.43713	0.01000	1.44712	Adj for NR (06.12 & 09.12.17)	0.91193	0.00000	0.91193
TPTCL	50.07113	0.00000	50.07113	Adj for WR (09.12.17)	12.05942	0.00000	12.05942
THEP	5.30649	0.00000	5.30649				
JORETHANG LOOP HEP	3.51400	0.00017	3.51418				
Teesta-III(TUL)	0.78090	0.01082	0.79172				
DIKCHU	0.00000	0.00000	0.00000				
IND BARATH	1.08815	0.00000	1.08815				
Adj for BRBCL (03.12, 04.12, 08.12 & 09.12.17)	1.52472	0.00000	1.52472				
Adj for DVC (06.12.17)	1.65811	0.00000	1.65811				
Adj for NVVN-BD (09.12.17)	0.06544	0.00000	0.06544				
Adj for KHSTPP-II (09.12.17)	8.75066	0.00000	8.75066				
<b>TOTAL</b>	<b>5589.65937</b>	<b>283.83297</b>	<b>5873.49234</b>		<b>5666.47759</b>	<b>0.17040</b>	<b>5666.30719</b>

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

**284.00337**

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>5589.65937</b>
<b>Payable from the pool(B):</b>	<b>5666.47759</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>-76.81821</b>
<b>Additional Deviation Amount:</b>	<b>284.00337</b>
<b>VAE of Eastern Region:</b>	<b>131.57886</b>

**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**

**xxxxi) Revision has been done due to change in schedule for the dates 03.12.17, 04.12.17, 06.12.17, 08.12.17 & 09.12.17**

**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.
25/12/17	<b>BSPHCL</b>	<b>-63,354.132</b>	<b>-66,198.823</b>	<b>-9,324,755.75</b>	<b>-1,910,189.99</b>
	JUVNL	-12,597.315	-13,887.964	-3,718,689.12	-704,494.29
	DVC	37,747.720	39,311.732	4,178,905.17	0.00
	GRIDCO	-34,030.352	-38,095.731	-10,886,694.30	-2,088,547.32
	SIKIM	-1,456.999	-1,461.768	-8,935.74	0.00
	WBSETCL	-9,078.664	-10,328.125	-3,426,424.22	-1,273,005.28
	NER	653.236	-14,190.799	-38,601,244.97	-34,217,614.77
	NR	-42,857.619	-42,645.876	733,709.78	-4,768,666.39
	SR	-21,338.646	-25,259.962	-12,897,992.37	-13,686,988.41
	WR	-5,496.499	22,609.964	76,941,403.61	0.00
	FSTPP-I & II	21,935.658	21,616.814	-785,478.66	0.00
	KHSTPP-I	14,577.500	14,543.231	-32,775.10	0.00
	TSTPP	10,714.310	10,769.851	142,662.52	0.00
	RANGIT	517.500	542.203	74,401.62	0.00
	CHPC	168.000	1,104.473	2,107,065.19	0.00
	KHPC	408.000	-634.316	-2,209,710.77	0.00
	THPC	2,760.000	924.615	-3,891,016.35	0.00
	KHSTPP-II	29,053.567	29,113.556	163,863.47	0.00
	FSTPP-III	8,673.587	8,583.768	-188,067.37	0.00
	TEESTA	3,099.000	3,343.054	708,184.17	0.00
	MATHON R/B	11,052.660	11,103.018	120,227.20	0.00
	BARH	29,735.420	29,618.291	-127,160.799	0.00
	NVVN-NEPAL	-2,604.070	-2,724.557	-307,507.072	0.00
	APNRL	5,903.131	5,933.745	93,852.402	0.00
	GMRKEL	6,600.000	6,926.109	1,256,741.395	-33.98
	JITPL	8,959.837	9,174.327	472,110.16	0.00
	TPTCL	900.834	607.242	-764,646.30	0.00
	BRBCL	3,349.496	3,565.364	488,717.527	0.00
	TALCHER SOLAR	37.325	37.245	-743.79	0.00
	JORETHANG HEP	513.889	478.528	-52,177.83	0.00
	IND Barath	0.000	-7.564	-18,986.49	0.00
	HVDC SASARAM	-22.742	-0.733	57,477.718	0.00
	VAE	-653.055	0.000	1,792,895.757	0.00
	NVVN	-7,259.234	-7,401.927	-422,561.836	-12,962.67
	CHUZACHEN	512.035	525.924	41,545.686	0.00
	TUL	6,763.329	6,757.018	71,467.765	0.00
	DIKCHU	0.000	0.000	0.000	0.00
	THEP	542.403	520.608	-83,929.605	0.00
	HVDC ALIPURDUAR	-55.520	-15.811	104,931.775	0.00
26/12/17	<b>BSPHCL</b>	<b>-60,872.317</b>	<b>-61,220.650</b>	<b>-1,220,844.12</b>	<b>-177,342.73</b>
	JUVNL	-13,312.443	-14,278.675	-2,350,662.24	-351,083.05
	DVC	36,785.788	37,646.522	2,415,037.32	-4,724.45
	GRIDCO	-28,133.664	-31,665.337	-7,953,266.46	-1,841,330.81
	SIKIM	-1,533.017	-1,559.976	-81,998.04	0.00
	WBSETCL	-8,949.313	-10,182.041	-2,339,846.92	-685,267.76
	NER	-132.956	-13,258.778	-29,042,311.41	-25,277,741.07
	NR	-46,935.023	-47,018.226	200,774.75	-3,028,835.62
	SR	-23,629.843	-26,629.657	-9,093,583.44	-11,742,063.42
	WR	-4,348.173	19,323.501	52,455,708.15	0.00
	FSTPP-I & II	21,449.720	21,414.941	-275,578.92	-133.36
	KHSTPP-I	14,965.006	14,907.686	-49,154.96	0.00
	TSTPP	11,014.817	10,965.554	-84,399.43	0.00
	RANGIT	558.000	592.578	93,664.18	0.00
	CHPC	168.000	949.726	1,758,884.22	0.00
	KHPC	408.000	-517.295	-1,961,624.98	0.00
	THPC	2,280.000	795.068	-3,148,056.54	0.00
	KHSTPP-II	29,896.748	29,973.752	181,123.259	0.00
	FSTPP-III	9,094.776	9,021.894	-125,992.420	0.00
	TEESTA	2,899.000	3,121.564	513,129.042	0.00
	MATHON R/B	11,486.610	11,461.163	-52,932.251	0.00
	BARH	29,549.622	29,331.709	-245,651.147	0.00
	NVVN-NEPAL	-2,604.070	-2,907.542	-671,378.565	0.00
	APNRL	5,903.131	5,955.054	133,375.659	0.00
	GMRKEL	6,734.322	6,876.291	582,576.029	0.00
	JITPL	9,417.072	9,621.818	389,259.793	0.00
	TPTCL	920.959	596.751	-719,230.60	0.00
	BRBCL	4,077.219	4,169.564	230,131.547	0.00
	TALCHER SOLAR	40.395	46.595	57,924.512	0.00
	JORETHANG HEP	513.889	446.976	-74,988.078	0.00
	IND Barath	0.000	-6.764	-15,206.954	0.00
	HVDC SASARAM	-23.549	-0.802	50,908.312	0.00
	VAE	-834.558	0.000	1,927,669.469	0.00
	NVVN	-9,538.612	-9,614.582	-248,271.093	-70,257.84
	CHUZACHEN	357.150	365.615	8,542.213	0.00
	TUL	6,099.428	6,011.418	-100,031.155	0.00
	DIKCHU	0.000	0.000	0.000	0.00
	THEP	542.403	514.944	-83,308.203	0.00
	HVDC ALIPURDUAR	-55.520	-14.878	92,175.687	0.00
27/12/17	<b>BSPHCL</b>	<b>-60,343.653</b>	<b>-59,125.845</b>	<b>216,313.94</b>	<b>-194,464.36</b>
	JUVNL	-13,736.110	-14,097.208	-1,394,420.74	-165,899.39
	DVC	36,105.568	34,145.515	-5,270,655.99	-148,903.35
	GRIDCO	-35,493.014	-39,278.308	-8,938,976.78	-1,448,160.23
	SIKIM	-1,677.568	-1,588.176	218,284.64	0.00
	WBSETCL	-5,951.079	-7,013.485	-2,094,559.56	-798,597.67
	NER	-2,557.071	-17,896.866	-35,411,096.63	-31,442,547.66
	NR	-46,087.828	-42,761.738	10,919,709.83	-2,109,597.72
	SR	-22,204.194	-26,083.041	-14,849,205.74	-16,437,478.39
	WR	-3,319.909	20,952.098	59,899,286.42	0.00
	FSTPP-I & II	26,771.773	26,506.523	-851,525.14	0.00
	KHSTPP-I	16,035.379	15,877.626	-242,542.05	0.00
	TSTPP	10,693.591	10,596.567	-176,915.15	0.00
	RANGIT	504.000	508.514	17,423.86	0.00
	CHPC	912.000	954.766	96,223.04	0.00
	KHPC	696.000	-574.319	-2,693,075.86	0.00
	THPC	2,400.000	799.287	-3,393,512.62	0.00
	KHSTPP-II	29,944.802	30,013.375	234,850.012	0.00
	FSTPP-III	8,825.717	8,731.440	-222,863.931	0.00
	TEESTA	3,192.000	3,474.436	720,855.641	0.00
	MATHON R/B	10,865.330	10,825.382	-124,096.450	0.00
	BARH	29,188.134	28,860.872	-405,435.757	0.00
	NVVN-NEPAL	-2,604.070	-2,778.566	-582,682.680	0.00
	APNRL	5,790.631	5,843.345	140,651.516	0.00
	GMRKEL	6,730.330	6,906.473	733,391.771	0.00
	JITPL	9,476.114	9,670.036	391,952.271	0.00
	TPTCL	920.959	588.743	-765,268.36	0.00
	BRBCL	4,272.973	4,300.727	75,887.068	0.00
	TALCHER SOLAR	46.533	50.657	38,563.608	0.00
	JORETHANG HEP	512.848	477.856	21,701.910	0.00
	IND Barath	0.000	-6.909	-15,422.313	0.00
	HVDC SASARAM	-24.817	-0.852	56,004.844	0.00
	VAE	-2,213.588	0.000	5,295,001.369	0.00
	NVVN	-9,621.470	-9,766.618	-393,727.184	-36,066.10
	CHUZACHEN	357.150	351.124	-61,816.904	-1,313.28
	TUL	5,550.896	5,515.782	-13,392.836	0.00
	DIKCHU	0.000	0.000	0.000	0.00
	THEP	541.083	510.272	-41,726.802	0.00
	HVDC ALIPURDUAR	-55.520	-14.949	96,095.096	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.
28/12/17	<b>BSPHCL</b>	<b>-58,895.453</b>	<b>-59,602.751</b>	<b>-1,317,667.39</b>	<b>-15,904.63</b>
	JUVNL	-13,757.910	-13,742.495	-394,209.87	-33,824.27
	DVC	32,936.156	32,285.141	-1,226,495.87	-58,914.55
	GRIDCO	-37,056.461	-41,058.376	-8,653,889.66	-2,144,623.83
	SIKKIM	-1,527.719	-1,567.226	-69,903.46	0.00
	WBSETCL	-6,458.848	-7,865.746	-2,514,723.43	-894,908.70
	NER	-3,043.786	-16,658.398	-24,561,258.76	-21,494,292.74
	NR	-43,473.259	-45,181.312	-2,233,518.33	-2,930,482.51
	SR	-23,567.984	-28,655.858	-11,417,997.62	-11,408,211.20
	WR	-492.909	31,772.052	60,240,310.43	-474,003.14
	FSTPP-I & II	30,439.794	30,184.394	-579,654.71	0.00
	KHSTPP-I	15,657.112	15,540.564	-136,341.89	0.00
	TSTPP	10,412.544	10,299.733	-199,516.64	0.00
	RANGIT	513.000	528.584	37,652.65	-521.18
	CHPC	634.500	831.922	444,199.87	0.00
	KHPC	672.000	-590.346	-2,676,173.52	0.00
	THPC	1,818.000	696.447	-2,377,691.53	0.00
	KHSTPP-II	28,592.053	28,547.038	55,193.04	0.00
	FSTPP-III	8,460.439	8,360.678	-187,174.01	0.00
	TEESTA	2,472.000	2,668.836	418,073.46	0.00
	MAITHON R/B	11,693.180	11,540.145	-282,600.03	0.00
	BARH	28,390.566	27,813.491	-844,121.406	0.00
	NVVN-NEPAL	-2,604.070	-2,898.461	-511,841.337	0.00
	APNRL	5,903.131	5,922.545	32,987.21	-841.38
	GMRKEL	6,734.322	6,601.382	-44,086.27	0.00
	JITPL	9,442.986	9,610.254	285,973.87	-3,719.19
	TPTCL	920.959	582.806	-611,959.07	0.00
	BRBCL	3,152.021	3,242.945	155,072.869	0.00
	TALCHER SOLAR	46.623	46.340	-2,641.84	0.00
	JORETHANG HEP	505.434	435.136	-44,999.23	-5.62
	IND Barath	0.000	-7.055	-12,748.52	0.00
	HVDC SASARAM	-24.956	-0.880	43,801.50	-447.26
	VAE	-454.840	0.000	1,067,933.23	0.00
	NVVN	-9,643.243	-9,791.091	-246,790.51	-5,144.59
	CHUZACHEN	357.150	368.665	40,082.36	0.00
	TUL	5,081.993	4,956.145	-133,192.852	0.00
	DIKCHU	0.000	0.000	0.000	0.00
	THEP	541.464	500.064	-52,601.878	0.00
	HVDC ALIPURDUAR	-55.520	-14.275	75,901.651	-808.35
	29/12/17	<b>BSPHCL</b>	<b>-56,844.457</b>	<b>-56,644.077</b>	<b>-782,952.15</b>
JUVNL		-13,682.939	-13,604.386	-185,466.49	-31,152.16
DVC		33,811.273	34,705.795	2,743,234.75	-41,113.53
GRIDCO		-37,720.567	-41,860.152	-9,994,977.68	-2,023,298.36
SIKKIM		-1,550.477	-1,564.000	-19,337.40	-1,379.02
WBSETCL		-9,237.404	-11,445.643	-4,290,761.28	-1,335,902.48
NER		-3,573.669	-18,063.789	-32,103,918.33	-28,321,524.17
NR		-44,913.657	-50,152.056	-10,751,216.72	-8,907,575.11
SR		-29,080.402	-34,712.714	-17,140,093.91	-15,884,254.27
WR		-3,503.770	30,870.713	80,211,934.03	-563,641.53
FSTPP-I & II		32,470.618	32,046.213	-938,193.83	-9,467.65
KHSTPP-I		15,875.614	15,770.479	-148,836.08	-1,321.19
TSTPP		10,001.313	9,979.509	82,116.35	-10,860.59
RANGIT		501.500	510.896	28,215.59	-241.37
CHPC		1,078.000	954.865	-277,053.45	0.00
KHPC		528.000	-613.271	-2,419,494.10	0.00
THPC		1,779.250	799.370	-2,077,346.33	0.00
KHSTPP-II		29,051.245	29,029.669	128,529.281	-1,304.65
FSTPP-III		8,526.103	8,437.968	-175,201.642	-99.56
TEESTA		2,472.000	2,715.600	559,013.892	0.00
MAITHON R/B		18,780.720	18,788.181	40,665.402	-999.62
BARH		27,505.140	27,238.581	-430,416.538	0.00
NVVN-NEPAL		-2,604.070	-2,839.690	-449,870.208	0.00
APNRL		5,903.131	5,926.182	79,091.330	-64.65
GMRKEL		7,200.425	7,147.854	171,623.370	0.00
JITPL		9,086.211	9,277.745	444,865.910	-4,662.15
TPTCL		920.959	578.718	-760,104.51	0.00
BRBCL		2,797.687	3,121.509	533,153.762	-436.91
TALCHER SOLAR		45.968	44.170	-16,807.56	0.00
JORETHANG HEP		505.434	457.248	-72,303.58	-6.03
IND Barath		0.000	-7.127	-15,374.92	0.00
HVDC SASARAM		-25.606	-0.939	55,220.51	-464.37
VAE		-745.018	0.000	2,786,809.02	0.00
NVVN		-6,851.751	-6,977.127	-258,706.526	-40,088.61
CHUZACHEN		357.150	370.400	41,837.467	0.00
TUL		5,047.923	4,995.491	-67,908.472	0.00
DIKCHU		0.000	0.000	0.000	0.00
THEP		548.954	507.424	-56,353.310	0.00
HVDC ALIPURDUAR		-55.520	-15.489	90,531.792	-801.95
30/12/17		<b>BSPHCL</b>	<b>-58,748.820</b>	<b>-57,638.567</b>	<b>1,848,256.12</b>
	JUVNL	-13,770.883	-13,849.841	-726,055.12	-65,242.23
	DVC	32,940.816	33,835.230	2,941,551.87	-9,562.84
	GRIDCO	-31,572.826	-37,775.616	-13,514,623.86	-3,686,010.58
	SIKKIM	-1,497.688	-1,509.696	14,799.98	0.00
	WBSETCL	-13,704.370	-15,842.207	-4,168,947.06	-827,832.32
	NER	495.200	-16,074.673	-37,619,432.84	-33,803,772.92
	NR	-41,992.567	-53,563.216	-23,908,910.14	-19,149,905.94
	SR	-23,850.157	-35,506.229	-31,874,474.01	-28,790,160.45
	WR	-19,961.625	30,896.941	118,995,707.00	0.00
	FSTPP-I & II	33,602.763	33,165.938	-748,705.82	0.00
	KHSTPP-I	13,508.481	13,289.403	-376,434.28	-5,067.83
	TSTPP	10,386.285	10,275.093	-193,461.56	0.00
	RANGIT	483.000	508.036	73,883.27	0.00
	CHPC	1,360.000	792.325	-1,277,268.50	0.00
	KHPC	528.000	-51.926	-1,229,443.97	0.00
	THPC	2,060.000	663.299	-2,961,007.10	0.00
	KHSTPP-II	29,563.622	29,548.276	149,543.784	0.00
	FSTPP-III	8,800.297	8,735.661	-93,943.199	0.00
	TEESTA	2,472.000	2,706.073	632,559.766	0.00
	MAITHON R/B	21,231.998	21,251.091	73,331.688	0.00
	BARH	29,354.968	28,918.691	-560,233.487	0.00
	NVVN-NEPAL	-2,604.070	-2,702.074	-328,027.148	0.00
	APNRL	5,903.131	5,939.782	110,514.902	0.00
	GMRKEL	6,745.393	6,684.945	132,307.064	0.00
	JITPL	9,468.924	9,946.400	327,313.294	0.00
	TPTCL	920.959	569.469	-787,522.38	0.00
	BRBCL	2,864.402	3,139.364	396,318.072	0.00
	TALCHER SOLAR	44.843	45.147	2,842.87	0.00
	JORETHANG HEP	505.434	442.976	-120,260.44	-5.62
	IND Barath	0.000	-7.055	-15,885.21	0.00
	HVDC SASARAM	-21.258	-1.053	45,268.51	0.00
	VAE	-293.395	0.000	242,685.87	0.00
	NVVN	-6,801.420	-7,040.291	-528,645.170	-95,050.91
	CHUZACHEN	357.150	352.542	11,976.886	0.00
	TUL	5,134.238	5,098.327	-137,796.362	-1,081.90
	DIKCHU	0.000	0.000	0.000	0.00
	THEP	541.007	487.136	-95,732.605	0.00
	HVDC ALIPURDUAR	-55.520	-15.767	92,245.688	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.
31/12/17	BSPHCL	-65,334.422	-64,522.949	1,043,961.00	-1,009.81
	JUVNL	-13,878.242	-13,659.851	109,794.35	0.00
	DVC	31,898.179	32,180.628	855,052.46	-24,613.62
	GRIDCO	-31,998.668	-38,062.934	-11,946,314.23	-4,573,996.95
	SIKKIM	-1,653.246	-1,288.833	652,085.27	0.00
	WBSETCL	-11,870.665	-12,356.207	-765,849.00	-373,197.17
	NER	1,159.278	-12,347.653	-26,689,406.18	-23,401,195.94
	NR	-33,831.141	-45,571.326	-22,011,804.95	-17,789,893.74
	SR	-19,072.039	-37,218.734	-35,022,364.77	-31,911,768.73
	WR	-28,931.433	23,435.037	101,407,017.59	0.00
	FSTPP-I & II	33,242.924	32,924.094	-486,793.16	0.00
	KHSTPP-I	15,510.774	15,391.266	-156,732.57	0.00
	TSTPP	14,729.653	14,827.694	193,281.82	-1,155.58
	RANGIT	483.000	493.750	11,872.35	0.00
	CHPC	1,248.000	730.242	-1,164,955.93	0.00
	KHPC	528.000	64.300	-983,044.85	0.00
	THPC	1,928.000	611.325	-2,791,350.54	0.00
	KHSTPP-II	27,605.560	27,478.371	-79,504.210	0.00
	FSTPP-III	9,107.828	9,056.851	-56,897.756	0.00
	TEESTA	2,632.000	2,847.745	445,994.055	0.00
	MAITHON R/B	22,341.828	22,346.145	81,691.886	0.00
	BARH	29,276.399	28,970.945	-353,529.357	0.00
	NVVN-NEPAL	-2,604.070	-2,899.728	-513,736.262	0.00
	APNRL	5,903.131	5,904.891	100,803.050	0.00
	GMRKEL	7,680.000	7,416.873	-247,498.732	0.00
	JITPL	8,294.843	8,395.491	221,165.419	0.00
	TPTCL	872.085	565.226	-598,381.66	0.00
	BRBCL	2,830.078	3,058.164	422,407.617	0.00
	TALCHER SOLAR	42.035	43.035	9,350.00	0.00
	JORETHANG HEP	444.343	425.792	-8,373.18	0.00
	IND Barath	0.000	-7.782	-15,190.52	0.00
	HVDC SASARAM	-24.872	-1.009	46,889.26	0.00
	VAE	-144.838	0.000	44,891.62	0.00
	NVVN	-8,987.603	-8,748.254	469,982.505	-6,556.09
	CHUZACHEN	207.597	212.347	14,522.607	0.00
	TUL	4,440.588	4,510.836	302,763.848	0.00
	DIKCHU	0.000	0.000	0.000	0.00
	THEP	541.007	482.368	-116,997.097	0.00
	HVDC ALIPURDUAR	-55.520	-15.865	78,808.621	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 25/12/17 TO 31/12/17	BSPHCL	-424,393.26	-424,953.66	-14,300,829.00	-2,452,758.35
	JUVNL	-94,735.84	-97,120.42	-10,843,857.00	-1,351,695.38
	DVC	242,225.50	244,110.56	-1,418,158.00	-287,832.34
	GRIDCO	-236,005.55	-267,796.45	-72,509,504.00	-17,805,968.07
	SIKKIM	-10,896.71	-10,539.67	742,111.00	-1,379.02
	WBSETCL	-65,250.34	-75,933.45	-34,044,849.00	-6,188,711.38
	NER	-6,999.77	-108,490.96	-224,028,669.00	0.00
	NR	-300,091.09	-326,893.75	-47,051,256.00	0.00
	SR	-162,743.27	-214,066.19	-132,295,712.00	0.00
	WR	-66,054.32	179,860.31	550,151,367.00	0.00
	FSTPP-I & II	199,913.25	197,858.92	-4,665,930.24	-9,601.01
	KHSTPP-I	106,129.87	105,320.25	-1,142,816.92	-6,389.02
	KHSTPP-II	203,707.63	203,704.04	833,598.64	-1,304.65
	TSTPP	77,952.51	77,714.00	-236,232.11	-12,016.17
	FSTPP-III	61,488.75	60,933.26	-1,050,140.33	-99.56
	TEESTA	19,238.00	20,877.31	3,997,810.00	0.00
	MAITHON R/B	107,452.33	107,315.12	-143,712.55	-999.62
	RANGIT	3,560.00	3,684.56	337,114.00	-762.55
	BARH	203,000.25	200,752.58	-2,964,548.49	0.00
	NVVN-NEPAL	-18,228.49	-19,750.62	-3,365,043.00	0.00
	APNRL	41,209.42	41,462.54	691,286.00	-906.03
	GMRKEL	48,424.79	48,559.93	2,585,055.00	-33.98
	JITPL	64,145.99	65,696.07	2,532,641.00	-8,381.34
	TPTCL	6,377.71	4,088.95	-5,007,113.00	0.00
	BRBCL	23,343.88	24,597.64	2,301,688.46	-436.91
	TALCHER SOLAR	303.72	313.19	88,488.00	0.00
	JORETHANG HEP	3,501.27	3,164.51	-351,400.00	-17.27
	IND Barath	0.00	-50.25	-108,815.00	0.00
	HVDC SASARAM	-167.80	-6.27	355,571.00	-911.63
	VAE	-5,339.29	0.00	13,157,886.33	0.00
	NVVN-BD	-58,703.33	-59,339.89	-1,628,720.00	-266,126.92
	CHUZACHEN	2,505.38	2,546.62	96,690.00	-1,313.28
	TUL	38,118.40	37,845.02	-78,090.06	-1,081.90
	DIKCHU	0.00	0.00	0.00	0.00
THEP	3,798.32	3,522.82	-530,649.50	0.00	
HVDC ALIPURDUAR	-388.64	-107.03	630,690.00	-1,610.30	

**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: 12/01/2018

RRAS Account for Week: 25-Dec-17 to 31-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	1515.39500	1289602	3976395	757698	6023695
2	FSTPP-III	724.95600	1105558	1892860	362478	3360896
3	KHSTPP-I	915.02200	941558	2061545	457511	3460611
4	KHSTPP-II	1856.41000	2049477	3998708	928205	6976389
5	TSTPP-I	11.50000	10741	16146	5750	32637
6	BARH	1475.25000	2751341	3103926	737625	6592891
7	BRBCL	645.43400	2021499	1494824	322717	3839041

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	63.71500	147564	110673
2	FSTPP I & II	741.77000	1946404	1459803
3	FSTPP-III	15.58750	40699	30524
4	KHSTPP-I	367.59750	828197	621148
5	KHSTPP-II	0.00000	0	0
6	TSTPP-I	25.00000	35100	26325
7	BARH	422.92500	889834	667376

**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	1515.39500	615959	BSPHCL
			2309	JUVNL
			24081	SIKKIM
			329567	WBSETCL
			154	NVVN-BD
			70729	ASSAM
			53968	DELHI
			10428	HARYANA
			32211	PUNJAB
			21174	RAJASTHAN
			129022	UP
2	FSTPP-III	724.95600	409657	BSPHCL
			769	JUVNL
			3975	DVC
			691132	WBSETCL
			25	ASSAM
3	KHSTPP-I	915.02200	197319	BSPHCL
			70605	WBSETCL
			218	NVVN-BD
			206450	DELHI
			12211	HARYANA
			80926	RAJASTHAN
			373829	UP
4	KHSTPP-II	1856.41000	64233	BSPHCL
			124307	WBSETCL
			2690	NVVN-BD
			223098	CHATTISGARH
			285819	DELHI
			123321	GUJARAT
			6554	HARYANA
			88532	HP
			259295	MAHARASHTRA
			112157	MP
			616	PUNJAB
			154212	RAJASTHAN
			604004	UP
639	UTTARAKHAND			
5	TSTPP-I	11.50000	10741	WBSETCL
6	BARH	1475.25000	2697807	BSPHCL
			15852	JUVNL
			37682	SIKKIM
7	BRBCL	645.43400	432556	DVC_Railway
			87983	BSPHCL
			1500960	MAHARASHTRA

A) RRAS settlement account for the week 25-Dec-17 to 31-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.