



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/2016/

Date: 06.01.2017

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 12.12.2016 to 18.12.2016**

Sir,

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,

**(A.K.BANDYOPADHYAY)**  
**MEMBER SECRETARY**

## List of Addressee

1. CE (Trans/O&M), BSEB, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSEB, Vidyut Bhavan, 3<sup>rd</sup> Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JSEB, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JSEB, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (CLD), DVC, Maithon Dam, Dist. Dhanbad, Jharkhand-7 (Fax: 06540-274836 / 274838).
7. Sr. GM(PP), GRIDCO, 4<sup>th</sup> floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. CE (Trans.), Deptt. Of Power, Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (CLD), WBSETCL, PO. Danesh Sheikh Lane, Howrah-9. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayak Jaiprakash Bhawan, 2<sup>nd</sup> floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807 )
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gongga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa ( Jharkhand) – 832 105 ( FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1<sup>st</sup> Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
25. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
26. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneshwar- 751 007(Fax: 0674- 2572794)
27. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
28. AGM, SO, NVVN, Core-3, 7<sup>th</sup> floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
31. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

**ABT based Deviation Charge Account  
For the period 12.12.16 TO 18.12.16  
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
BSPHCL	360.81323	66.39384	427.20707	DVC	15.31696	14.11915	1.19781
JUVNL	302.97595	72.62736	375.60331	GRIDCO	141.12643	8.55029	132.57614
WBSETCL	188.55319	18.92510	207.47829	SIKKIM	27.54644	0.25428	27.29216
NR	2499.04971	0.00000	2499.04971	NER	1566.16361	0.00000	1566.16361
FSTPP I&II	51.65731	0.63455	52.29186	SR	417.10791	0.00000	417.10791
KHSTPP-I	31.52011	0.00586	31.52597	WR	794.39855	0.00000	794.39855
IND BARATH	1.71855	0.00000	1.71855	HVDC SASARAM	0.83042	0.00918	0.82124
JORETHANG LOOP HEP	0.96939	0.12783	1.09722	BRBCL	106.93159	0.00000	106.93159
TPTCL	22.58895	0.02303	22.61199	TALCHER SOLAR	0.00198	0.00000	0.00198
NVVN-BD	20.78866	1.93276	22.72142	TSTPP	4.64713	0.07925	4.56789
BARH	45.58610	4.71149	50.29759	NVVN-NEPAL	10.95735	0.40166	10.55569
				RANGIT	5.75452	0.05079	5.70373
				KHSTPP-II	7.34868	0.13409	7.21459
				GMRKEL	24.46179	0.57099	23.89080
				FSTPP-III	0.85098	0.00000	0.85098
				CHUZACHEN	3.15385	0.00000	3.15385
				TEESTA	22.96182	0.06419	22.89763
				JITPL	49.22942	1.68218	47.54724
				MAITHON R/B	8.87193	9.94404	-1.07212
				APNRL	20.91784	1.91560	19.00224
				Adj of JITPL for 11.12.16	1.98068	0.00000	1.98068
<b>TOTAL</b>	<b>3526.22116</b>	<b>165.38182</b>	<b>3691.60298</b>		<b>3230.55990</b>	<b>37.77570</b>	<b>3192.78420</b>

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

**203.15752**

**(All figures in Rs. Lakhs)**

<b>Payable to the pool(A):</b>	<b>3526.22116</b>
<b>Payable from the pool(B):</b>	<b>3230.55990</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>295.66126</b>
<b>Additional Deviation Amount:</b>	<b>203.15752</b>
<b>VAE of Eastern Region:</b>	<b>239.22239</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 TSTPP Stage I & II interconnector.

d) **North Eastern Region:** NER end of 220 kV Birpara -Salakati D/C and 400 kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2465A) has been used as master frequency meter.

**iii) Deviation charges for the week 05/12/16-11/12/16 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 2.24% 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 (GATT) 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 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) Adjustment of JITPL has been done due to revision of schedule for 11.12.16.**

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 12/12/2016 to 18/12/2016**

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.
<b>12-12-16</b>	<b>BSPHCL</b>	<b>-58,712.229</b>	<b>-60,038.680</b>	<b>-4,507,569.61</b>	<b>-698,015.96</b>
	JUVNL	-14,177.190	-15,104.498	-2,501,379.25	-409,627.66
	DVC	31,833.940	32,532.569	1,657,406.89	-131,441.08
	GRIDCO	-20,738.116	-20,217.009	1,121,685.64	-436,469.23
	SIKKIM	-1,352.095	-1,332.585	-6,076.56	-11,034.04
	WBSETCL	-20,973.245	-22,015.391	-1,618,338.58	-229,442.21
	NER	-4,837.763	5,569.669	19,775,730.54	-1,191,357.52
	NR	-52,175.538	-72,637.978	-38,669,267.92	-28,296,289.36
	SR	-14,900.415	-3,147.085	21,447,418.14	-1,531,539.52
	WR	-9,030.775	-7,225.356	3,260,508.65	-8,096,701.33
	FSTPP-I & II	29,417.823	29,146.648	-575,957.73	-1,534.32
	KHSTPP-I	16,155.786	15,893.322	-489,918.12	0.00
	TSTPP	10,883.169	10,853.311	2,971.27	0.00
	RANGIT	621.000	654.826	80,238.13	-2,311.15
	CHPC	960.000	3,298.080	5,260,679.49	0.00
	KHPC	360.000	152.053	-411,734.66	0.00
	THPC	6,240.000	2,827.512	-6,756,726.74	0.00
	KHSTPP-II	29,003.711	29,008.626	119,206.64	-1,061.02
	FSTPP-III	8,586.935	8,581.206	44,138.39	0.00
	TEESTA	3,642.000	3,772.327	360,173.29	-258.91
	MAITHON R/B	21,174.250	21,242.909	288,077.28	0.00
	BARH	27,672.053	27,417.709	-290,989.936	0.00
	NVVN-NEPAL	-1,911.600	-1,847.386	145,116.471	-4,208.99
	APNRL	10,005.000	10,232.436	470,809.697	-27,872.35
	GMRKEL	7,183.045	7,225.891	556,577.744	-2,976.64
	JITPL	9,219.268	9,696.000	1,080,485.81	-50,370.43
	TPTCL	915.923	795.266	-180,938.57	-441.53
	BRBCL	0.000	-110.182	-216,154.892	0.00
	TALCHER SOLAR	45.019	45.995	9,125.13	0.00
	JORETHANG HEP	516.935	520.704	80,857.60	0.00
	IND Barath	0.000	-10.109	-31,022.41	0.00
	HVDC SASARAM	-26.640	-21.413	10,932.891	-499.824
	VAE	-240.482	0.000	1,006,822.927	0.00
	NVVN	-10,349.725	-10,676.109	-759,470.970	-35,366.74
	CHUZACHEN	427.360	460.269	116,245.805	0.00
<b>13/12/16</b>	<b>BSPHCL</b>	<b>-57,990.268</b>	<b>-60,334.424</b>	<b>-5,815,387.70</b>	<b>-971,183.45</b>
	JUVNL	-14,504.478	-15,191.046	-1,752,883.56	-113,107.24
	DVC	29,551.696	30,607.938	-1,672,314.32	-718,576.79
	GRIDCO	-21,074.766	-20,757.418	1,153,732.45	-177,343.16
	SIKKIM	-1,648.765	-1,316.656	769,394.50	0.00
	WBSETCL	-21,211.018	-22,098.091	-2,240,315.61	-246,814.03
	NER	-4,538.198	5,720.807	23,773,831.01	0.00
	NR	-54,546.751	-71,123.073	-37,199,798.46	-24,939,126.32
	SR	-12,730.328	-6,690.047	16,515,797.20	-271,041.07
	WR	-8,205.170	-4,620.772	5,347,449.96	-4,463,014.13
	FSTPP-I & II	30,201.984	29,975.005	-457,160.00	0.00
	KHSTPP-I	16,092.885	15,923.985	-197,107.66	0.00
	TSTPP	10,728.638	10,738.345	45,612.69	0.00
	RANGIT	639.000	648.930	17,385.24	0.00
	CHPC	960.000	3,144.665	4,915,495.97	0.00
	KHPC	360.000	65.560	-582,991.99	0.00
	THPC	6,240.000	2,695.986	-7,017,147.76	0.00
	KHSTPP-II	28,225.720	28,119.443	-13,938.291	0.00
	FSTPP-III	8,794.149	8,811.121	64,818.259	0.00
	TEESTA	3,558.000	3,698.291	398,559.396	0.00
	MAITHON R/B	18,476.813	18,055.091	-1,323,862.961	-966,593.68
	BARH	27,351.922	27,319.200	-68,264.707	0.00
	NVVN-NEPAL	-1,354.050	-1,138.618	379,672.888	0.00
	APNRL	10,100.920	10,507.345	652,785.298	0.00
	GMRKEL	7,464.133	7,474.327	389,961.881	0.00
	JITPL	11,228.900	11,498.836	533,203.784	-12,940.97
	TPTCL	934.300	783.275	-313,117.24	0.00
	BRBCL	0.000	-97.982	-229,672.303	0.00
	TALCHER SOLAR	45.019	45.124	774.414	0.00
	JORETHANG HEP	669.540	602.336	-117,081.744	-1,725.93
	IND Barath	0.000	-12.436	-34,363.627	0.00
	HVDC SASARAM	-26.640	-21.581	12,013.113	0.000
	VAE	-1,056.293	0.000	2,535,978.937	0.00
	NVVN	-7,759.835	-7,805.673	-118,332.668	-24,742.97
	CHUZACHEN	456.605	495.171	99,529.321	0.00
<b>14/12/16</b>	<b>BSPHCL</b>	<b>-57,753.297</b>	<b>-56,611.120</b>	<b>1,421,724.75</b>	<b>-79,819.95</b>
	JUVNL	-14,059.870	-15,881.191	-5,674,283.00	-1,690,185.71
	DVC	29,924.545	30,543.185	1,619,991.11	-34,892.41
	GRIDCO	-19,719.230	-18,647.629	2,051,670.29	-89,918.17
	SIKKIM	-1,460.058	-1,226.953	653,363.81	-4,242.63
	WBSETCL	-21,543.105	-21,576.197	364,565.19	-263,580.22
	NER	-4,039.705	4,954.105	25,032,028.35	-132,821.93
	NR	-58,993.193	-71,604.488	-34,336,623.90	-21,243,005.07
	SR	-11,705.885	-10,900.429	2,979,409.25	-5,735,463.68
	WR	-5,278.423	-4,216.330	1,641,420.87	-10,060,238.02
	FSTPP-I & II	31,188.666	30,809.083	-1,006,776.66	0.00
	KHSTPP-I	15,848.179	15,735.449	-241,143.46	0.00
	TSTPP	10,956.569	11,064.771	283,964.07	0.00
	RANGIT	585.000	622.334	146,656.95	-380.21
	CHPC	960.000	2,973.312	4,529,951.82	0.00
	KHPC	360.000	45.500	-622,709.21	0.00
	THPC	5,820.000	2,549.082	-6,476,418.50	0.00
	KHSTPP-II	29,923.054	29,974.761	198,297.278	-7,021.87
	FSTPP-III	8,653.649	8,692.334	143,336.151	0.00
	TEESTA	3,558.000	3,709.491	502,246.887	0.00
	MAITHON R/B	19,987.258	19,947.454	59,889.831	-25,419.83
	BARH	26,952.537	26,851.090	-238,353.921	0.00
	NVVN-NEPAL	-1,911.600	-1,806.096	284,652.548	-1,900.51
	APNRL	10,418.620	10,558.327	407,830.146	-2,185.76
	GMRKEL	7,305.330	7,698.763	1,270,347.215	0.00
	JITPL	8,944.053	9,987.054	2,022,907.199	-64,457.72
	TPTCL	769.045	772.344	-5,897.51	-1,610.12
	BRBCL	0.000	-105.418	-300,541.318	0.00
	TALCHER SOLAR	45.019	44.267	-7,097.912	0.00
	JORETHANG HEP	614.850	571.008	11,688.877	0.00
	IND Barath	0.000	-9.673	-34,094.113	0.00
	HVDC SASARAM	-26.640	-20.717	16,934.673	-115.08
	VAE	-1,041.951	0.000	2,794,872.712	0.00
	NVVN	-10,371.893	-10,403.563	-118,020.569	0.00
	CHUZACHEN	474.720	480.483	22,801.532	0.00

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 12/12/2016 to 18/12/2016**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
<b>15/12/16</b>	<b>BSPHCL</b>	<b>-57,673.845</b>	<b>-59,218.046</b>	<b>-3,890,138.64</b>	<b>-527,451.27</b>
	JUVNL	-13,900.620	-15,445.188	-3,336,877.33	-903,674.88
	DVC	28,656.477	27,312.450	-3,219,110.97	-318,403.94
	GRIDCO	-18,960.979	-17,695.009	1,942,842.26	-39,346.68
	SIKIM	-1,366.735	-1,272.208	232,864.84	-1,531.69
	WBSETCL	-22,099.605	-21,648.445	351,801.70	-53,196.40
	NER	-4,450.830	6,028.550	22,907,921.42	-201,349.81
	NR	-67,935.905	-71,698.446	-8,513,584.47	-6,196,655.37
	SR	-12,052.980	-17,053.401	-10,618,914.89	-9,879,803.01
	WR	267.829	311.654	-1,178,083.60	-10,499,237.18
	FSTPP-I & II	31,079.319	30,901.946	-435,870.20	-39,948.82
	KHSTPP-I	16,106.400	15,836.935	-559,893.86	-585.84
	TSTPP	10,948.289	10,931.763	-7,598.59	0.00
	RANGIT	576.000	615.090	94,096.83	-489.14
	CHPC	1,272.000	2,849.643	3,549,696.70	0.00
	KHPC	24.000	37.436	26,604.07	0.00
	THPC	5,400.000	2,443.058	-5,854,745.91	0.00
	KHSTPP-II	29,745.612	29,648.601	-95,250.35	0.00
	FSTPP-III	9,249.471	9,214.617	-40,818.19	0.00
	TEESTA	3,558.000	3,712.000	388,708.27	0.00
	MAITHON R/B	22,122.750	22,301.781	447,794.83	0.00
	BARH	26,726.200	26,539.418	-323,720.640	0.00
	NVVN-NEPAL	-1,035.450	-860.525	244,847.016	-14,147.89
	APNRL	9,152.490	9,268.436	242,599.45	-2,185.75
	GMRKEL	7,678.803	7,716.218	227,846.43	0.00
	JITPL	12,901.200	13,157.018	555,662.71	0.00
	TPTCL	688.080	757.299	153,792.19	-251.59
	BRBCL	0.000	-58.236	-116,922.653	0.00
	TALCHER SOLAR	45.019	48.183	29,570.50	0.00
	JORETHANG HEP	602.100	569.152	-58,721.11	0.00
	IND Barath	0.000	2.327	-91.86	0.00
	HVDC SASARAM	-26.640	-21.021	12,598.57	-104.66
	VAE	-2,279.963	0.000	5,120,163.58	0.00
	NVVN	-10,187.858	-10,293.309	-158,697.76	-66,188.23
	CHUZACHEN	473.740	479.376	17,923.84	0.00
<b>16/12/16</b>	<b>BSPHCL</b>	<b>-57,904.323</b>	<b>-60,631.886</b>	<b>-6,707,437.56</b>	<b>-1,345,722.57</b>
	JUVNL	-14,188.493	-16,245.463	-4,732,888.60	-898,259.64
	DVC	28,981.781	28,262.497	-2,197,784.86	-23,708.83
	GRIDCO	-18,631.969	-17,792.592	1,537,623.33	-25,439.98
	SIKIM	-1,334.008	-1,318.250	22,849.05	0.00
	WBSETCL	-22,350.300	-24,258.377	-3,313,909.08	-334,300.27
	NER	-4,300.398	5,931.868	21,690,475.52	0.00
	NR	-55,366.430	-70,958.654	-34,700,002.57	-25,348,339.89
	SR	-10,984.620	-16,448.088	-10,666,464.48	-7,195,145.82
	WR	-11,614.740	4,472.380	33,936,130.50	-132,489.11
	FSTPP-I & II	27,461.665	26,839.710	-1,465,760.26	-1,823.31
	KHSTPP-I	16,176.200	15,816.761	-638,561.27	0.00
	TSTPP	10,852.083	10,835.991	-15,913.55	0.00
	RANGIT	576.000	617.456	108,702.56	0.00
	CHPC	1,296.000	2,832.319	3,456,716.82	0.00
	KHPC	25.000	27.896	5,734.87	0.00
	THPC	5,112.000	2,428.205	-5,313,913.97	0.00
	KHSTPP-II	30,343.120	30,399.823	264,233.713	0.00
	FSTPP-III	8,993.786	8,936.598	-118,707.705	0.00
	TEESTA	3,558.000	3,659.273	249,931.450	0.00
	MAITHON R/B	21,256.750	21,403.818	375,936.614	0.00
	BARH	27,344.872	26,995.963	-725,278.637	-22.16
	NVVN-NEPAL	-1,314.225	-1,328.429	-72,644.667	-14,073.93
	APNRL	8,912.970	8,817.891	-8,625.566	-121,873.83
	GMRKEL	7,683.630	7,563.854	-6,875.033	-334.44
	JITPL	12,608.695	12,682.400	148,150.496	0.00
	TPTCL	1,052.880	754.428	-632,374.59	0.00
	BRBCL	0.000	1,082.455	1,701,251.095	0.00
	TALCHER SOLAR	45.019	46.522	14,026.96	0.00
	JORETHANG HEP	579.620	542.528	-34,727.03	0.00
	IND Barath	0.000	-10.836	-24,980.04	0.00
	HVDC SASARAM	-26.640	-21.263	11,544.96	0.00
	VAE	-2,900.785	0.000	6,468,652.51	0.00
	NVVN	-7,316.683	-7,259.236	-44,291.746	-41,882.93
	CHUZACHEN	473.753	482.238	28,793.043	0.00
<b>17/12/16</b>	<b>BSPHCL</b>	<b>-56,437.163</b>	<b>-59,557.973</b>	<b>-7,609,989.73</b>	<b>-1,604,818.39</b>
	JUVNL	-14,812.238	-17,191.517	-5,896,691.23	-1,873,190.10
	DVC	32,227.881	34,680.909	3,343,874.95	-102,735.02
	GRIDCO	-18,882.669	-17,923.089	1,800,440.38	-66,324.96
	SIKIM	-1,356.203	-1,314.674	48,863.67	-4,089.19
	WBSETCL	-22,618.200	-23,588.014	-1,958,995.77	-339,065.71
	NER	-4,202.588	5,736.982	22,570,114.91	-322,829.23
	NR	-60,694.319	-79,424.311	-42,522,974.46	-31,532,422.99
	SR	-5,590.328	-4,290.383	869,698.86	-5,844,257.12
	WR	-13,977.038	-5,853.635	20,793,698.52	-1,352,300.94
	FSTPP-I & II	25,872.041	25,511.457	-745,812.21	0.00
	KHSTPP-I	16,260.472	15,912.242	-726,085.38	0.00
	TSTPP	10,882.124	10,900.841	34,039.87	-6,898.96
	RANGIT	576.000	615.282	91,847.37	-1,302.96
	CHPC	1,512.000	2,926.788	3,183,272.19	0.00
	KHPC	120.000	-0.850	-239,282.21	0.00
	THPC	4,944.000	2,509.195	-4,820,913.25	0.00
	KHSTPP-II	30,399.170	30,468.436	234,134.439	-5,326.17
	FSTPP-III	8,954.119	8,955.487	48,033.567	0.00
	TEESTA	3,390.000	3,497.927	281,655.065	0.00
	MAITHON R/B	21,254.625	21,494.400	603,617.019	-2,390.86
	BARH	26,747.958	26,191.527	-1,209,347.023	-34,386.63
	NVVN-NEPAL	-1,911.600	-1,881.706	96,440.603	-2,789.08
	APNRL	8,728.080	8,898.327	408,401.890	-7,866.79
	GMRKEL	7,692.100	7,635.200	-79,258.610	-53,787.52
	JITPL	12,528.208	12,721.673	309,975.983	-38,817.79
	TPTCL	1,052.880	743.898	-705,639.06	0.00
	BRBCL	0.000	3,414.600	5,322,795.360	0.00
	TALCHER SOLAR	45.190	42.574	-26,371.96	0.00
	JORETHANG HEP	521.910	542.496	13,909.08	-10,683.56
	IND Barath	0.000	-10.764	-26,762.80	0.00
	HVDC SASARAM	-26.640	-21.996	10,951.81	-124.42
	VAE	-1,361.691	0.000	3,225,753.47	0.00
	NVVN	-7,226.925	-7,373.709	-406,902.338	-1,212.29
	CHUZACHEN	472.748	477.432	21,229.750	0.00

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 12/12/2016 to 18/12/2016**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
18/12/16	BSPHCL	-54,422.800	-57,811.358	-7,033,381.60	-1,412,372.85
	JUVNL	-13,834.343	-16,335.167	-4,787,912.99	-1,374,690.71
	DVC	33,046.864	34,115.313	2,251,284.98	-82,157.32
	GRIDCO	-19,343.130	-17,921.972	1,872,947.23	-20,186.79
	SIKIM	-1,471.468	-1,196.084	399,782.64	-4,530.63
	WBSETCL	-17,203.848	-18,911.022	-2,937,346.56	-426,111.18
	NER	-4,183.890	7,323.401	20,866,259.30	-134,837.33
	NR	-45,680.878	-74,745.492	-53,962,719.54	-44,418,772.35
	SR	-11,518.630	-1,099.889	21,183,847.24	-276,180.37
	WR	-19,767.555	-10,409.592	15,638,729.68	-668,922.71
	FSTPP-I & II	25,442.756	25,025.352	-478,393.72	-20,148.56
	KHSTPP-I	16,450.206	16,251.955	-299,301.59	0.00
	TSTPP	10,870.586	10,912.825	121,637.54	-1,025.60
	RANGIT	576.000	604.979	36,525.34	-595.94
	CHPC	1,152.000	2,887.245	3,904,301.98	0.00
	KHPC	144.000	93.312	-100,362.24	0.00
	THPC	4,920.000	2,475.295	-4,840,516.13	0.00
	KHSTPP-II	29,274.075	29,187.372	28,184.954	0.00
	FSTPP-III	8,501.091	8,456.774	-55,701.999	0.00
	TEESTA	4,062.500	4,157.200	114,907.925	-6,159.98
	MAITHON R/B	20,547.813	20,726.291	435,740.220	0.00
	BARH	23,099.493	22,297.636	-1,702,655.470	-436,739.74
	NVVN-NEPAL	-1,911.600	-1,895.443	17,649.656	-3,045.40
	APNRL	5,807.402	5,776.509	-82,016.860	-29,575.68
	GMRKEL	7,703.280	7,676.363	93,579.020	0.00
	JITPL	12,603.845	12,765.745	272,556.051	-1,631.12
	TPTCL	1,052.880	738.322	-574,720.52	0.00
	BRBCL	0.000	3,398.345	4,532,404.178	0.00
	TALCHER SOLAR	45.190	43.069	-19,829.48	0.00
	JORETHANG HEP	493.385	527.520	7,135.75	-373.80
	IND Barath	0.000	-7.345	-20,540.12	0.00
	HVDC SASARAM	-26.640	-22.196	8,066.09	-74.23
	VAE	-1,551.689	0.000	2,769,995.11	0.00
	NVVN	-10,046.478	-10,258.800	-473,149.906	-23,882.82
	CHUZACHEN	474.230	477.387	8,862.200	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
<b>FOR THE WEEK FROM 12-12-16 TO 18/12/16</b>	BSPHCL	-400893.93	-414203.49	-36,081,323.00	-6,639,384.45
	JUVNL	-99477.23	-111394.07	-30,297,595.00	-7,262,735.94
	DVC	214223.18	218054.86	1,531,696.00	-1,411,915.40
	GRIDCO	-137350.86	-130954.72	14,112,643.00	-855,028.97
	SIKIM	-9989.33	-8977.41	2,754,644.00	-25,428.19
	WBSETCL	-147999.32	-154095.54	-18,855,319.00	-1,892,510.02
	NER	-30553.37	41265.38	156,616,361.00	0.00
	NR	-395393.01	-512192.44	-249,904,971.00	0.00
	SR	-79483.19	-59629.32	41,710,791.00	0.00
	WR	-67605.87	-27541.65	79,439,855.00	0.00
	FSTPP-I & II	200664.25	198209.20	-5,165,730.78	-63,455.02
	KHSTPP-I	113090.13	111370.65	-3,152,011.33	-585.84
	KHSTPP-II	206914.46	206807.06	734,868.38	-13,409.06
	TSTPP	76121.46	76237.85	464,713.30	-7,924.55
	FSTPP-III	61733.20	61648.14	85,098.48	0.00
	TEESTA	25326.50	26206.51	2,296,182.00	-6,418.88
	MAITHON R/B	144820.26	145171.74	887,192.83	-994,404.36
	RANGIT	4149.00	4378.90	575,452.00	-5,079.41
	BARH	185895.04	183612.54	-4,558,610.33	-471,148.54
	NVVN-NEPAL	-11350.13	-10758.20	1095734.51	-40165.79
	APNRL	63125.48	64059.27	2,091,784.00	-191,560.16
	GMRKEL	52710.32	52990.62	2,446,179.00	-57,098.60
	JITPL	80034.17	82508.73	4,922,942.03	-168,218.03
	TPTCL	6465.99	5344.83	-2258895.30	-2303.24
	BRBCL	0.00	7523.58	10693159.47	0.00
	TALCHER SOLAR	315.48	315.73	197.66	0.00
JORETHANG HEP	3998.34	3875.74	-96938.58	-12783.29	
IND Barath	0.00	-58.84	-171854.97	0.00	
HVDC SASARAM	-186.48	-150.19	83042.11	-918.21	
VAE	-10432.85	0.00	23922239.24	0.00	
NVVN-BD	-63259.40	-64070.40	-2,078,866.00	-193,275.98	
CHUZACHEN	3253.16	3352.36	315,385.00	0.00	

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

Format -AS7: RRAS Settlement Account by ERPC

Date:06/01/2017

RRAS Account for Week: 12.12.16 TO 18.12.16

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	4580.47637	3609415	11157568	2290238	17057221
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1157.21268	1175728	2862270	578606	4616605
4	KhSTPP-II	2832.57907	3277294	6611909	1416290	11305493
5	TSTPP-I	50.00000	45450	82550	25000	153000
6	BARH STPP-II	2740.30982	5233992	7050149	1370155	13654296

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation

Sr.No	RRAS Provider Name	Energy Scheduled from 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	FSTPP I& II	5.000000	12240	9180
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	126.750000	330818	248113
4	KhSTPP-II	49.250000	121845	91383
5	TSTPP-I	76.000000	119776	89832
6	BARH STPP-II	367.500000	930907	698180



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	4580.476375	2094	BSEB
			1567	JSEB
			9003	DVC
			215698	GRIDCO
			2982711	WBSEB
			108635	SIKKIM
			3819	UP
			164607	DELHI
			99000	PUNJAB.
			1724	RAJASTHAN
		20558	HARYANA	
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	1157.212675	245158	BSEB
			12883	DVC
			87424	GRIDCO
			40888	SIKKIM
			105023	UP
			265379	DELHI
			326761	PUNJAB.
			19485	RAJASTHAN
			72727	HARYANA
4	KhSTPP-II	2832.579070	93148	BSEB
			18323	DVC
			97305	GRIDCO
			10490	SIKKIM
			459424	UP
			4985	UTTARANCHAL
			678123	DELHI
			642250	PUNJAB.
			32410	RAJASTHAN
			144046	HARYANA
			86855	HP
			95030	M.P
			114612	CHHATISGARH
247411	MAHA RASHTRA			
552882	GUJRAT			
5	TSSTPP-I	50	10116.287	DVC
			15863.116	WBSEB
			19470.597	SIKKIM
6	BARH STPP-II	2740.309821	373936	BSEB
			3610822	GRIDCO
			1249233	SIKKIM

A) RRAS settlement account for the week 12.12.16 TO 18.12.16 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

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.