



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



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ISO: 9001-2000

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NO: ERPC/COM-II/ABT-DC/2016/

Date: 28.12.2016

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 28.11.2016 to 04.12.2016**

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, Loknaya 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, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikeela, 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, Dongtiah, 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, Bhubaneswar- 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 28.11.16 TO 04.12.16  
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
JUVNL	461.69600	115.29378	576.98978	BSPHCL	128.01833	19.27921	108.73912
WBSETCL	80.38843	16.17544	96.56387	DVC	243.16546	2.50111	240.66435
NR	381.39579	0.00000	381.39579	GRIDCO	64.76306	25.58283	39.18023
WR	599.29378	0.00000	599.29378	SIKKIM	21.32516	0.19697	21.12819
FSTPP I&II	29.80213	0.00000	29.80213	NER	327.82497	0.00000	327.82497
KHSTPP-I	18.44399	0.88859	19.33258	SR	121.15103	0.00000	121.15103
TALCHER SOLAR	5.39780	0.00000	5.39780	HDVC SASARAM	1.59238	0.00416	1.58822
IND BARATH	1.98099	0.00000	1.98099	BRBCL	73.58250	0.00000	73.58250
KHSTPP-II	19.58253	4.75292	24.33545	TSTPP	3.55201	0.10176	3.45025
NVVN-BD	17.03454	1.63711	18.67165	NVVN-NEPAL	2.86620	0.03707	2.82913
BARH	97.93501	7.10847	105.04348	RANGIT	9.68289	0.00898	9.67391
				JORETHANG LOOP HEP	10.58564	0.05690	10.52874
				TPTCL	47.33078	0.20935	47.12143
				GMRKEL	117.42940	0.00224	117.42716
				FSTPP -III	4.06706	0.04957	4.01749
				CHUZACHEN	4.27600	0.00000	4.27600
				TEESTA	26.38603	0.00000	26.38603
				JITPL	87.51372	7.78100	79.73272
				MAITHON R/B	38.45801	0.08475	38.37326
				APNRL	19.99442	1.06244	18.93198
<b>TOTAL</b>	<b>1712.95098</b>	<b>145.85630</b>	<b>1858.80728</b>		<b>1353.56505</b>	<b>56.95835</b>	<b>1296.60670</b>

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

**202.81465**

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

<b>Payable to the pool(A):</b>	<b>1712.95098</b>
<b>Payable from the pool(B):</b>	<b>1353.56505</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>359.38593</b>
<b>Additional Deviation Amount:</b>	<b>202.81465</b>
<b>VAE of Eastern Region:</b>	<b>394.39899</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.

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 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 w.e.f 00.00 hrs of 20.09.15 and the same has been declared commercial w.e.f 00.00 hrs of 26.09.15.

U#2 of the same project declared commercial w.e.f 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.**

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 28/11/2016 to 04/12/2016**

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>28/11/16</b>	<b>BSPHCL</b>	<b>-61,430.232</b>	<b>-61,246.961</b>	<b>-254,225.32</b>	<b>-245,653.30</b>
	JUVNL	-14,706.505	-17,306.452	-5,881,764.45	-1,493,092.99
	DVC	36,035.458	38,407.622	4,492,259.43	0.00
	GRIDCO	-21,462.584	-23,974.311	-5,785,063.61	-1,553,924.90
	SIKKIM	-1,123.498	-1,316.676	-530,209.78	0.00
	WBSETCL	-18,417.275	-19,059.924	-1,109,718.85	-152,014.64
	NER	-4,081.385	9,165.871	29,696,226.04	0.00
	NR	-76,000.912	-67,747.528	20,020,485.89	-186,698.22
	SR	-27,654.245	-29,396.370	-1,940,106.60	-2,334,666.30
	WR	15,045.035	1,433.721	-41,592,287.77	-36,325,389.21
	FSTPP-I & II	31,169.541	30,960.275	-469,126.39	0.00
	KHSTPP-I	15,806.358	15,593.374	-449,333.22	-61,548.96
	TSTPP	3,424.726	3,247.850	-388,273.87	0.00
	RANGIT	774.000	802.572	85,082.32	0.00
	CHPC	1,680.000	3,950.141	5,107,817.92	0.00
	KHPC	312.000	236.657	-149,179.54	0.00
	THPC	7,656.000	4,866.941	-5,522,335.89	0.00
	KHSTPP-II	30,327.802	30,268.014	-52,749.86	0.00
	FSTPP-III	8,533.191	8,539.979	31,453.34	0.00
	TEESTA	4,233.000	4,411.782	396,563.30	0.00
	MAITHON R/B	21,925.375	22,062.872	332,081.92	0.00
	BARH	21,591.375	20,064.981	-3,379,594.924	-423,533.30
	NVVN-NEPAL	-1,777.440	-1,859.731	-156,672.161	0.00
	APNRL	8,711.520	8,951.054	554,866.041	0.00
	GMRKEL	14,311.933	14,866.472	1,707,911.038	-52.32
	JITPL	19,209.035	20,222.472	2,113,252.96	0.00
	TPTCL	1,170.720	991.092	-397,972.65	0.00
	BRBCL	0.000	1,028.509	1,570,799.345	0.00
	TALCHER SOLAR	46.638	41.481	-48,216.08	0.00
	JORETHANG HEP	725.033	739.520	56,202.94	-4.27
	IND Barath	0.000	-9.964	-27,220.09	0.00
	HVDC SASARAM	-23.955	-13.019	25,304.213	0.000
	VAE	-1,490.180	0.000	3,835,985.424	0.000
	NVVN	-10,668.425	-10,814.109	-342,316.356	-12,544.21
	CHUZACHEN	579.885	589.347	22,417.069	0.00
<b>29/11/16</b>	<b>BSPHCL</b>	<b>-63,576.850</b>	<b>-61,962.160</b>	<b>1,297,483.08</b>	<b>-28,284.77</b>
	JUVNL	-14,920.083	-17,190.946	-5,743,453.14	-1,357,904.73
	DVC	36,472.045	39,475.018	5,937,004.89	0.00
	GRIDCO	-21,517.585	-21,164.576	364,163.12	-224,298.10
	SIKKIM	-1,150.418	-1,284.126	-438,406.42	-1,732.90
	WBSETCL	-20,607.798	-21,335.739	-1,721,885.23	-258,434.55
	NER	-4,016.315	9,494.387	34,178,502.98	0.00
	NR	-75,554.414	-70,166.538	13,690,075.39	0.00
	SR	-22,422.350	-28,791.580	-17,585,201.49	-10,448,343.70
	WR	10,458.566	-6,045.135	-41,875,781.59	-36,136,819.77
	FSTPP-I & II	30,520.993	30,417.448	-196,884.34	0.00
	KHSTPP-I	10,719.492	10,699.665	-58,389.49	-12,343.20
	TSTPP	10,289.674	10,353.598	129,861.21	-10,175.73
	RANGIT	747.000	795.721	115,135.15	0.00
	CHPC	1,440.000	3,854.000	5,431,500.59	0.00
	KHPC	312.000	312.980	1,941.19	0.00
	THPC	8,280.000	4,748.487	-6,992,396.20	0.00
	KHSTPP-II	29,295.867	29,291.725	9,701.235	0.00
	FSTPP-III	8,541.230	8,569.660	101,699.694	0.00
	TEESTA	3,897.000	4,062.036	412,159.903	0.00
	MAITHON R/B	21,633.875	21,944.218	771,417.844	0.00
	BARH	24,514.163	24,171.490	-617,472.627	0.00
	NVVN-NEPAL	-1,777.440	-1,848.595	-158,507.230	0.00
	APNRL	10,566.288	10,690.473	277,713.589	0.00
	GMRKEL	14,441.903	15,218.327	2,070,458.452	0.00
	JITPL	19,195.695	20,250.036	2,342,155.639	0.00
	TPTCL	1,144.080	978.026	-413,903.83	0.00
	BRBCL	0.000	-139.891	-358,431.668	0.00
	TALCHER SOLAR	46.638	43.659	-27,853.183	0.00
	JORETHANG HEP	742.405	698.528	-85,232.009	-2,591.03
	IND Barath	0.000	-9.164	-30,449.006	0.00
	HVDC SASARAM	-17.860	-11.015	16,244.660	0.000
	VAE	-2,899.655	0.000	7,716,297.460	0.00
	NVVN	-10,740.355	-10,817.709	-245,241.379	-13,185.91
	CHUZACHEN	579.885	587.745	22,717.118	0.00
<b>30/11/16</b>	<b>BSPHCL</b>	<b>-59,259.753</b>	<b>-60,737.442</b>	<b>-5,853,888.19</b>	<b>-1,178,244.78</b>
	JUVNL	-16,017.933	-18,691.424	-8,690,116.70	-2,179,423.57
	DVC	35,620.615	37,779.756	5,354,235.57	-608.02
	GRIDCO	-20,657.766	-19,093.339	3,689,181.43	-52,241.69
	SIKKIM	-1,304.828	-1,320.493	-134,482.52	0.00
	WBSETCL	-21,498.570	-21,989.269	-978,620.93	-698,475.22
	NER	-4,668.585	-10,991.212	-25,784,226.51	-30,579,766.83
	NR	-59,232.319	-61,301.311	-7,056,144.46	-6,113,322.48
	SR	-15,842.170	-6,002.629	32,421,002.15	-774,599.05
	WR	-3,854.069	-9,402.166	-15,112,741.18	-17,740,724.28
	FSTPP-I & II	31,020.628	30,681.129	-756,981.65	0.00
	KHSTPP-I	11,809.906	11,817.797	16,884.21	0.00
	TSTPP	11,011.769	11,133.140	266,271.43	0.00
	RANGIT	765.000	825.074	233,549.40	-118.66
	CHPC	1,560.000	3,480.480	4,321,080.67	0.00
	KHPC	312.000	679.637	727,920.86	0.00
	THPC	6,568.750	4,288.275	-4,515,339.66	0.00
	KHSTPP-II	30,398.453	30,457.332	114,972.550	0.00
	FSTPP-III	8,578.435	8,601.779	69,453.687	0.00
	TEESTA	4,485.000	4,607.127	437,427.188	0.00
	MAITHON R/B	21,566.625	21,934.763	956,039.583	0.00
	BARH	20,672.151	19,882.254	-1,850,275.795	-166,305.26
	NVVN-NEPAL	-1,777.440	-1,865.088	-194,757.776	0.00
	APNRL	9,978.615	10,302.909	854,081.303	0.00
	GMRKEL	14,171.548	15,283.854	3,478,478.627	0.00
	JITPL	13,129.125	13,946.254	266,031.169	-735,391.67
	TPTCL	329.895	959.166	2,172,163.45	0.00
	BRBCL	0.000	215.709	17,196.593	0.00
	TALCHER SOLAR	46.638	23.627	-233,919.516	0.00
	JORETHANG HEP	679.548	730.912	192,778.733	-716.75
	IND Barath	0.000	-10.109	-38,231.156	0.00
	HVDC SASARAM	-19.223	-9.306	30,099.448	0.00
	VAE	-4,067.936	0.000	14,721,589.465	0.00
	NVVN	-10,745.763	-10,815.018	-228,937.693	-19,865.54
	CHUZACHEN	579.885	590.976	32,683.673	0.00

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 28/11/2016 to 04/12/2016**

					Page 2 of 2
DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
<b>01-12-16</b>	<b>BSPHCL</b>	<b>-60,775.359</b>	<b>-60,436.206</b>	<b>59,762.65</b>	<b>-29,488.26</b>
	JUVNL	-15,759.265	-19,079.331	-7,466,378.97	-1,998,658.95
	DVC	35,485.973	36,216.146	2,558,008.29	-2,443.22
	GRIDCO	-20,455.610	-19,836.141	1,159,674.57	-168,278.57
	SIKIM	-1,347.553	-1,336.648	-137,722.16	0.00
	WBSETCL	-21,977.140	-22,158.339	-140,013.26	-42,901.20
	NER	-7,320.333	-22,139.355	-35,158,825.25	-31,382,404.21
	NR	-52,022.412	-44,756.998	15,089,460.12	0.00
	SR	-14,369.010	-11,564.822	3,675,146.28	-83,594.95
	WR	-668.353	4,155.991	11,901,632.74	-289,266.22
	FSTPP-I & II	31,635.994	31,358.210	-436,765.44	0.00
	KHSTPP-I	13,073.440	12,767.636	-647,503.43	-14,894.91
	TSTPP	11,001.360	11,051.354	138,464.53	0.00
	RANGIT	661.500	721.255	188,563.43	0.00
	CHPC	1,560.000	4,218.494	5,981,611.69	0.00
	KHPC	312.000	893.275	1,150,924.90	0.00
	THPC	6,576.000	3,616.602	-5,859,608.22	0.00
	KHSTPP-II	28,568.353	27,824.304	-1,594,032.70	-475,221.23
	FSTPP-III	8,744.293	8,741.862	20,090.36	0.00
	TEESTA	3,288.000	3,445.782	333,861.27	0.00
	MAITHON R/B	21,309.375	21,483.491	537,939.04	0.00
	BARH	13,753.068	13,213.309	-1,174,458.996	-17,311.52
	NVVN-NEPAL	-1,917.360	-1,868.458	142,272.856	0.00
	APNRL	8,224.313	8,115.273	169,826.11	-102,661.59
	GMRKEL	14,305.555	14,319.127	677,243.28	-171.29
	JITPL	12,698.180	13,188.582	1,261,843.45	-16,539.42
	TPTCL	1,061.760	947.860	-243,643.25	0.00
	BRBCL	0.000	1,975.836	2,888,797.510	0.00
	TALCHER SOLAR	46.638	26.842	-193,667.44	0.00
	JORETHANG HEP	557.238	690.400	396,764.27	0.00
	IND Barath	0.000	-8.509	-21,326.30	0.00
	HVDC SASARAM	-21.443	-9.229	25,906.98	0.00
	VAE	-1,976.945	0.000	5,935,981.49	0.00
	NVVN	-10,492.618	-10,583.600	-219,691.94	-3,072.12
	CHUZACHEN	492.450	501.318	25,979.51	0.00
<b>02-12-16</b>	<b>BSPHCL</b>	<b>-62,081.049</b>	<b>-57,577.135</b>	<b>6,537,078.32</b>	<b>-173,450.37</b>
	JUVNL	-15,872.618	-18,517.848	-7,000,338.59	-1,676,263.54
	DVC	32,365.347	33,933.659	3,427,485.97	-11,245.04
	GRIDCO	-19,990.377	-19,561.385	678,959.63	-353,365.18
	SIKIM	-1,598.780	-1,322.327	665,887.43	-2,851.20
	WBSETCL	-22,006.898	-22,019.278	380,598.49	-5,458.18
	NER	-6,019.173	-10,460.463	-15,204,375.43	-17,420,470.26
	NR	-45,836.996	-58,140.301	-26,751,414.25	-15,244,395.66
	SR	-14,404.125	-13,484.421	-131,476.87	-3,553,546.11
	WR	-581.950	7,739.854	21,075,783.25	-806,525.55
	FSTPP-I & II	29,482.537	29,353.735	-191,379.45	0.00
	KHSTPP-I	15,702.159	15,586.386	-111,527.97	0.00
	TSTPP	10,948.890	10,971.539	82,011.63	0.00
	RANGIT	724.000	788.188	146,153.50	-384.48
	CHPC	1,680.000	4,083.234	5,407,277.34	0.00
	KHPC	312.000	625.154	620,045.71	0.00
	THPC	7,200.000	3,500.641	-7,324,730.85	0.00
	KHSTPP-II	29,219.742	29,144.140	102,598.392	0.00
	FSTPP-III	8,498.000	8,519.591	97,051.975	-4,956.60
	TEESTA	3,960.000	4,106.982	401,816.056	0.00
	MAITHON R/B	22,075.938	22,236.290	457,524.194	-8,475.22
	BARH	12,132.486	11,676.109	-904,880.979	-82,064.57
	NVVN-NEPAL	-1,917.360	-1,797.091	305,147.533	-3,271.82
	APNRL	5,715.300	5,748.873	86,256.652	-351.14
	GMRKEL	14,309.130	14,567.200	1,358,954.768	0.00
	JITPL	8,861.000	9,449.236	1,402,910.352	-25,676.90
	TPTCL	443.120	937.149	1,187,682.24	-11,434.68
	BRBCL	0.000	2,110.909	3,065,101.642	0.00
	TALCHER SOLAR	31.923	28.011	-38,007.61	0.00
	JORETHANG HEP	685.353	685.760	191,268.11	-1,222.93
	IND Barath	0.000	-10.036	-29,295.31	0.00
	HVDC SASARAM	-26.530	-13.429	33,342.78	-323.78
	VAE	-2,455.741	0.000	6,634,126.44	0.00
	NVVN	-7,842.133	-7,953.891	-284,310.819	-27,066.69
	CHUZACHEN	578.880	614.781	262,809.002	0.00
<b>03-12-16</b>	<b>BSPHCL</b>	<b>-59,698.086</b>	<b>-55,800.520</b>	<b>6,718,436.79</b>	<b>0.00</b>
	JUVNL	-15,662.608	-18,587.387	-7,407,778.60	-2,497,869.48
	DVC	30,255.520	29,640.003	-1,722,379.72	-232,435.56
	GRIDCO	-20,277.404	-19,478.182	1,549,589.72	-89,165.13
	SIKIM	-1,675.360	-1,305.244	789,588.49	0.00
	WBSETCL	-21,773.568	-22,197.170	-520,510.50	-185,942.40
	NER	-7,786.240	3,867.161	25,820,323.98	0.00
	NR	-46,467.380	-61,732.793	-33,388,472.67	-24,495,540.62
	SR	-6,913.670	-13,854.847	-16,967,162.96	-15,084,182.49
	WR	-8,637.185	1,217.503	22,631,371.25	-10,182.03
	FSTPP-I & II	29,653.462	29,398.849	-622,413.98	0.00
	KHSTPP-I	16,119.676	15,964.744	-330,611.60	0.00
	TSTPP	10,951.049	10,975.430	77,936.81	0.00
	RANGIT	702.000	726.629	92,538.25	0.00
	CHPC	1,560.000	4,167.235	5,866,278.60	0.00
	KHPC	312.000	394.423	163,197.94	0.00
	THPC	6,600.000	3,572.656	-5,994,140.33	0.00
	KHSTPP-II	29,529.186	29,370.663	-237,358.416	-70.80
	FSTPP-III	8,476.565	8,493.677	72,550.587	0.00
	TEESTA	3,876.000	4,018.545	380,402.397	0.00
	MAITHON R/B	21,728.500	21,926.872	530,523.448	0.00
	BARH	13,502.348	13,007.672	-1,102,617.112	0.00
	NVVN-NEPAL	-1,917.360	-1,832.698	201,471.261	0.00
	APNRL	5,769.630	5,796.000	53,717.201	0.00
	GMRKEL	14,075.360	14,309.454	1,173,560.400	0.00
	JITPL	8,483.535	9,018.909	1,392,804.947	0.00
	TPTCL	334.560	919.051	1,339,679.000	0.00
	BRBCL	0.000	259.164	16,407.981	0.00
	TALCHER SOLAR	37.993	36.609	-13,209.01	0.00
	JORETHANG HEP	527.278	684.352	432,674.15	0.00
	IND Barath	0.000	-11.200	-31,245.25	0.00
	HVDC SASARAM	-26.880	-20.252	16,066.58	0.00
	VAE	-274.382	0.000	781,086.44	0.00
	NVVN	-7,834.650	-7,914.254	-265,558.081	-83,278.50
	CHUZACHEN	534.698	549.819	40,553.686	0.00

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 28/11/2016 to 04/12/2016**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
<b>04-12-16</b>	<b>BSPHCL</b>	<b>-58,418.052</b>	<b>-54,111.360</b>	<b>4,062,991.96</b>	<b>-272,799.32</b>
	JUVNL	-13,664.128	-15,053.511	-3,063,502.20	-326,164.87
	DVC	30,452.430	31,402.685	1,435,481.53	-3,379.42
	GRIDCO	-18,483.318	-17,662.313	914,692.79	-117,009.63
	SIKIM	-1,698.473	-1,105.765	1,085,304.13	-15,113.27
	WBSETCL	-17,084.603	-17,540.904	-695,751.92	-274,317.32
	NER	-5,990.485	4,232.424	19,234,871.65	-286,802.59
	NR	-49,039.815	-59,741.356	-19,743,569.27	-11,592,332.53
	SR	-16,368.213	-9,308.254	12,642,902.11	-231,071.11
	WR	-4,408.986	-13,241.564	-16,957,354.78	-13,498,305.60
	FSTPP-I & II	27,581.232	27,394.711	-306,661.47	0.00
	KHSTPP-I	15,756.695	15,580.438	-263,917.24	-71.91
	TSTPP	10,982.843	10,978.204	48,928.84	0.00
	RANGIT	693.000	743.149	107,267.29	-395.16
	CHPC	1,230.000	3,775.744	5,727,925.04	0.00
	KHPC	312.000	373.018	120,814.85	0.00
	THPC	6,900.000	3,237.024	-7,252,693.41	0.00
	KHSTPP-II	28,939.505	28,767.374	-301,383.824	0.00
	FSTPP-III	8,333.424	8,326.743	14,406.233	0.00
	TEESTA	3,894.000	4,015.454	276,372.610	0.00
	MAITHON R/B	21,569.250	21,657.272	260,275.071	0.00
	BARH	13,120.096	12,712.145	-764,200.817	-21,632.21
	NVVN-NEPAL	-1,917.360	-1,837.219	147,665.082	-435.21
	APNRL	5,874.405	5,856.436	2,981.222	-3,231.39
	GMRKEL	13,902.628	14,282.763	1,276,332.959	0.00
	JITPL	10,552.080	10,520.800	-27,626.342	-492.46
	TPTCL	334.560	894.964	1,089,073.08	-9,500.49
	BRBCL	0.000	265.127	158,378.819	0.00
	TALCHER SOLAR	37.673	39.368	15,093.10	0.00
	JORETHANG HEP	574.490	478.624	-125,892.13	-1,155.03
	IND Barath	0.000	-10.109	-20,331.57	0.00
	HVDC SASARAM	-26.880	-20.659	12,273.59	-92.29
	VAE	91.996	0.000	-185,168.02	0.00
	NVVN	-10,500.050	-10,549.163	-117,397.571	-4,697.94
	CHUZACHEN	581.860	589.473	20,439.972	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 28/11/16 TO 04-12-16</b>	BSPHCL	-425239.38	-411871.79	<b>12,801,833.00</b>	-1,927,920.80
	JUVNL	-106603.14	-124426.90	<b>-46,169,600.00</b>	-11,529,378.13
	DVC	236687.39	246854.89	<b>24,316,546.00</b>	-250,111.26
	GRIDCO	-142844.64	-140770.25	<b>6,476,306.00</b>	-2,558,283.19
	SIKIM	-9898.91	-8991.28	<b>2,132,516.00</b>	-19,697.37
	WBSETCL	-143365.85	-146300.62	<b>-8,038,843.00</b>	-1,617,543.50
	NER	-39882.52	-16831.19	32,782,497.00	0.00
	NR	-404154.25	-423586.83	-38,139,579.00	0.00
	SR	-117973.78	-112402.92	12,115,103.00	0.00
	WR	7353.06	-17009.24	-59,929,378.00	0.00
	FSTPP-I & II	211064.39	209564.36	-2,980,212.72	0.00
	KHSTPP-I	98987.73	98010.04	-1,844,398.75	-88,858.98
	KHSTPP-II	206278.91	205123.55	-1,958,252.62	-475,292.03
	TSTPP	68610.31	68711.12	355,200.57	-10,175.73
	FSTPP-III	59705.14	59793.29	406,705.88	-4,956.60
	TEESTA	27633.00	28667.71	2,638,603.00	0.00
	MAITHON R/B	151808.94	153245.78	3,845,801.10	-8,475.22
	RANGIT	5066.50	5402.59	968,289.00	-898.30
	BARH	119285.69	114727.96	0.00	0.00
	NVVN-NEPAL	-13001.76	-12908.88	286619.56	-3707.03
	APNRL	54840.07	55461.02	-1,703,454.00	-163,710.91
	GMRKEL	99518.06	102847.20	11,742,940.00	-223.61
	JITPL	92128.65	96596.29	8,751,372.17	-778,100.45
	TPTCL	4818.70	6627.31	4733078.04	-20935.16
	BRBCL	0.00	5715.36	7358250.22	0.00
	TALCHER SOLAR	294.14	239.60	-539779.74	0.00
JORETHANG HEP	4491.34	4708.10	1058564.07	-5690.02	
IND Barath	0.00	-69.09	-198098.67	0.00	
HVDC SASARAM	-162.77	-96.91	159238.26	-416.08	
VAE	-13072.84	0.00	39439898.70	0.00	
NVVN-BD	-68823.99	-69447.74	-9,793,501.25	0.00	
CHUZACHEN	3927.54	4023.46	427,600.00	0.00	

**LEGEND:** Energy:(+ve) means injection, (-ve) means drawal  
 Deviation Charge: (+ve) means receivable, (-ve) mean payable

(+) means under drawal/ over injection  
 (-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date:28/12/2016

RRAS Account for Week: 28.11.16 TO 04.12.16

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	7976.75716	6285685	19527102	3988379	29801165
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1303.17329	1324024	3401282	651587	5376893
4	KhSTPP-II	2097.83869	2427199	5190053	1048919	8666172
5	TSTPP-I	14.25000	12953	22458	7125	42536
6	BARH STPP-II	2628.99167	5021374	6619801	1314496	12955671

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	14.250000	34884	26163
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	205.879193	537345	403009
4	KhSTPP-II	334.250000	826935	620201
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	117.250000	295236	221427



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	7976.757165	144815	BSEB
			8621	DVC
			541602	GRIDCO
			5113817	WBSEB
			188944	SIKKIM
			35417	UP
			162253	DELHI
			13417	PUNJAB.
			22246	RAJASTHAN
			54553	HARYANA
2	FSTPP III	0	0.000	0.00
3	KhSTPP-I	1303.173294	52449	BSEB
			774	DVC
			697835	GRIDCO
			14921	SIKKIM
			249212	UP
			165877	DELHI
			6888	PUNJAB.
			19405	RAJASTHAN
			116663	HARYANA
			4	KhSTPP-II
7552	DVC			
70890	GRIDCO			
3405	SIKKIM			
556759	UP			
234409	DELHI			
37020	PUNJAB.			
48663	RAJASTHAN			
203090	HARYANA			
14860	HP			
487308	M.P			
214724	CHHATISGARH			
272563	MAHA RASHTRA			
244750	GUJRAT			
5	TSSTPP-I	14.25	1629.841	DVC
			11323.409	SIKKIM
6	BARH STPP-II	2628.991672	2975633	BSEB
			1309480	GRIDCO
			736261	SIKKIM

A) RRAS settlement account for the week 28.11.16 TO 04.12.16 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.