



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

Date: 21.11.2016

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 24.10.2016 to 30.10.2016**

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,

-Sd/-  
**(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: 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, 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, 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 24.10.16 TO 30.10.16**

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	68.78070	13.83886	82.61956	DVC	26.52811	0.33872	26.18939
JUVNL	51.94943	7.03512	58.98455	GRIDCO	186.18231	7.78373	178.39858
WBSETCL	340.35867	34.89158	375.25025	SIKKIM	43.71911	0.08251	43.63660
NER	756.83364	0.00000	756.83364	NR	795.69877	0.00000	795.69877
SR	3.63676	0.00000	3.63676	WR	1.01246	0.00000	1.01246
FSTPP I&II	26.63006	0.79571	27.42577	HDVC SASARAM	0.97445	0.00637	0.96808
BRBCL	5.79701	0.00000	5.79701	TALCHER SOLAR	0.61163	0.00000	0.61163
KHSTPP-I	8.91024	0.00394	8.91418	TSTPP	5.91788	0.05795	5.85993
IND BARATH	1.42341	0.00000	1.42341	NVVN-NEPAL	0.69712	0.00000	0.69712
JORETHANG LOOP HEP	9.27868	0.00163	9.28031	RANGIT	8.97526	0.02849	8.94677
VEDANTA	0.00000	0.00000	0.00000	TPTCL	6.19649	0.06358	6.13291
APNRL	2.41135	0.02361	2.43496	KHSTPP-II	6.10816	0.00825	6.09991
NVVN-BD	7.87175	0.17133	8.04308	GMRKEL	60.80112	0.00659	60.79452
BARH	92.61591	5.79730	98.41321	FSTPP -III	1.55120	0.01666	1.53454
				CHUZACHEN	5.10859	0.08988	5.01871
				TEESTA	32.78537	0.01812	32.76725
				JITPL	51.42490797	10.52611	40.89880
				MAITHON R/B	26.13554288	0.09101	26.04454
				VAE OF EASTERN REGION	110.13970		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	5.92943		
<b>TOTAL</b>	<b>1376.49761</b>	<b>62.55908</b>	<b>1439.05669</b>		<b>1376.49761</b>	<b>19.11797</b>	<b>1241.31052</b>

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

**81.67704**

**ISSUANCE OF DEVIATION ACCOUNT FOR THE WEEK HAS BEEN DELAYED DUE TO DELAYED SUBMISSION OF SCHEDULE OF THE WEEK BY ERLDC**

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.

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

iii) **Deviation charges for the week 17/10/16-23/10/16 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 2.26% 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 (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 becarried 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 24/10/2016 to 30/10/2016**

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.		
24/10/16	<b>BSPHCL</b>	<b>-68,594.413</b>	<b>-65,348.201</b>	<b>2,354,632.86</b>		<b>-115,309.62</b>	
	JUVNL	-15,501.513	-15,573.888	-215,757.89		-55,302.62	
	DVC	33,947.812	34,008.468	-616,565.43		-25,078.94	
	GRIDCO	-19,405.218	-18,133.171	1,121,687.29		-143,031.78	
	SIKKIM	-1,700.029	-1,210.894	733,039.99		-7,799.51	
	WBSETCL	-41,058.068	-42,259.129	-1,495,339.67		-12,122.45	
	NER	-1,564.583	-2,130.722	1,180,033.22		-2,854,528.88	
	NR	-56,764.908	-53,652.147	936,793.08		-3,112,830.88	
	SR	-28,055.763	-32,171.563	-5,074,295.57		-2,093,064.89	
	WR	1,064.605	258.964	-246,471.32		-3,698,088.13	
	FSTPP-I & II	26,624.916	26,414.072	-314,170.96		-40,515.59	
	KHSTPP-I	13,214.757	13,179.611	-33,276.97		0.00	
	TSTPP	20,649.006	20,589.526	21,919.11		0.00	
	RANGIT	1,449.000	1,519.884	103,360.68		-1,424.71	
	CHPC	5,536.250	9,558.850	9,050,849.64		0.00	
	KHPC	1,920.000	1,794.949	-247,600.58		0.00	
	THPC	21,252.500	14,952.907	-12,473,194.27		0.00	
	KHSTPP-II	24,762.864	24,611.512	-140,663.06		0.00	
	FSTPP-III	8,075.152	8,085.490	29,130.16		0.00	
	TEESTA	9,426.000	9,618.691	322,739.52		-1,812.36	
	MAITHON R/B	21,865.375	21,687.527	-105,656.82		-7,486.56	
	Vedanta	0.000	0.000	0.000		0.00	
	BARH	21,138.125	20,801.781	-455,793.820		0.00	
	NVVN-NEPAL	0.000	0.000	0.000		0.00	
	APNRL	5,917.110	5,930.909	45,405.231		-495.57	
	GMRKEL	14,845.278	14,215.854	-404,560.771		-532.74	
	JITPL	15,787.820	15,878.618	250,716.98		-2,893.30	
	TPTCL	1,464.720	1,473.617	13,238.35		-127.55	
	BRBCL	0.000	-28.891	-40,192.836		0.00	
	TALCHER SOLAR	25.075	26.463	12,762.89		0.00	
	JORETHANG HEP	1,646.768	1,580.392	-105,779.22		-162.87	
	IND Barath	0.000	-7.636	-10,743.56		0.00	
	HVDC SASARAM	-26.640	-11.070	23,334.877		-328.143	
	VAE	-729.759	0.000	718,086.673		0.000	
	NVVN	-12,185.885	-12,071.527	161,378.152		-3,385.24	
	CHUZACHEN	1,439.890	1,452.510	9,107.377		-230.51	
	25/10/16	<b>BSPHCL</b>	<b>-65,117.546</b>	<b>-64,742.361</b>	<b>171,315.90</b>		<b>-228,920.98</b>
		JUVNL	-15,119.228	-14,864.185	821,703.09		-21,408.41
		DVC	34,867.267	35,630.823	1,519,869.25		0.00
		GRIDCO	-18,703.053	-17,188.885	2,225,576.25		-152,158.52
SIKKIM		-1,360.068	-1,163.775	342,587.70		0.00	
WBSETCL		-42,844.390	-47,022.167	-9,940,780.12		-1,291,836.66	
NER		-1,219.595	-12,160.327	-25,594,670.34		-21,716,774.10	
NR		-54,790.762	-56,312.329	-6,255,126.68		-4,696,145.09	
SR		-28,249.763	-31,767.272	-8,279,191.28		-2,234,567.89	
WR		-12,602.710	3,579.356	40,087,493.29		-108,093.87	
FSTPP-I & II		29,656.517	29,352.200	-574,265.25		0.00	
KHSTPP-I		13,618.519	13,604.331	-44,706.47		0.00	
TSTPP		22,525.505	22,451.634	-156,693.09		0.00	
RANGIT		1,449.000	1,522.753	173,074.80		0.00	
CHPC		5,760.000	9,025.543	7,347,470.72		0.00	
KHPC		1,920.000	1,660.018	-514,765.15		0.00	
THPC		19,367.500	14,118.654	-10,392,714.22		0.00	
KHSTPP-II		26,068.318	26,069.248	147,513.188		0.00	
FSTPP-III		8,647.407	8,642.545	7,711.956		0.00	
TEESTA		9,006.000	9,249.600	594,421.880		0.00	
MAITHON R/B		22,144.625	22,239.745	299,088.460		0.00	
Vedanta		0.000	0.000	0.000		0.00	
BARH		21,889.015	21,086.618	-1,925,785.346		-128,620.32	
NVVN-NEPAL		0.000	0.000	0.000		0.00	
APNRL		5,909.880	5,934.109	77,227.110		0.00	
GMRKEL		14,712.570	15,054.036	991,328.462		0.00	
JITPL		18,001.665	18,824.945	1,880,790.632		0.00	
TPTCL		1,464.720	1,436.646	-61,931.99		-2,924.66	
BRBCL		0.000	-40.182	-94,535.953		0.00	
TALCHER SOLAR		30.700	36.702	56,118.700		0.00	
JORETHANG HEP		1,577.998	1,530.800	-89,453.324		0.00	
IND Barath		0.000	-10.909	-28,544.244		0.00	
HVDC SASARAM		-26.640	-20.988	12,803.808		0.000	
VAE		-831.840	0.000	1,910,620.357		0.00	
NVVN		-12,212.240	-12,194.509	44,562.450		0.00	
CHUZACHEN		1,250.625	1,338.507	279,494.258		-1,204.42	
26/10/16		<b>BSPHCL</b>	<b>-63,909.879</b>	<b>-64,921.261</b>	<b>-2,956,295.70</b>		<b>-146,698.25</b>
		JUVNL	-15,377.010	-15,039.296	1,147,862.47		-7,721.55
		DVC	35,811.999	36,732.605	2,468,670.70		-2,171.32
		GRIDCO	-16,796.166	-15,767.922	2,352,511.22		-76,122.33
	SIKKIM	-1,169.278	-1,127.327	118,347.76		0.00	
	WBSETCL	-46,191.273	-50,144.335	-10,020,537.86		-579,030.90	
	NER	-3,299.725	-14,727.287	-30,185,340.19		-25,799,812.53	
	NR	-59,506.075	-53,466.620	13,465,947.81		-24,501.65	
	SR	-30,500.808	-31,079.781	-1,921,830.03		-1,008,078.65	
	WR	-7,974.450	-2,415.415	15,275,034.44		-93,892.50	
	FSTPP-I & II	31,275.088	31,074.387	-378,384.86		0.00	
	KHSTPP-I	14,849.545	14,805.203	-45,922.22		0.00	
	TSTPP	22,408.998	22,465.840	171,680.76		0.00	
	RANGIT	1,449.000	1,524.090	200,415.19		0.00	
	CHPC	5,880.000	8,779.976	6,524,947.09		0.00	
	KHPC	1,920.000	1,858.766	-121,242.53		0.00	
	THPC	18,907.500	13,734.515	-10,242,509.34		0.00	
	KHSTPP-II	27,416.673	27,515.291	363,895.936		0.00	
	FSTPP-III	8,662.449	8,714.612	118,532.625		0.00	
	TEESTA	9,006.000	9,213.891	543,251.214		0.00	
	MAITHON R/B	22,212.438	22,527.890	837,441.829		0.00	
	Vedanta	0.000	0.000	0.000		0.00	
	BARH	22,000.814	21,597.272	-903,089.098		0.00	
	NVVN-NEPAL	0.000	0.000	0.000		0.00	
	APNRL	5,994.720	5,957.600	-96,695.135		0.00	
	GMRKEL	14,917.015	15,457.818	1,662,716.967		0.00	
	JITPL	18,087.140	19,309.382	3,236,312.278		0.00	
	TPTCL	1,464.720	1,473.061	21,995.36		0.00	
	BRBCL	0.000	-46.764	-122,179.861		0.00	
	TALCHER SOLAR	35.533	37.034	13,317.252		0.00	
	JORETHANG HEP	1,547.630	1,492.160	-34,057.951		0.00	
	IND Barath	0.000	-7.927	-22,785.750		0.00	
	HVDC SASARAM	-26.640	-20.881	15,212.890		0.00	
	VAE	-1,533.208	0.000	3,377,593.187		0.00	
	NVVN	-12,189.625	-12,185.636	2,183.115		0.00	
	CHUZACHEN	1,254.645	1,341.018	270,083.166		-37.58	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 24/10/2016 to 30/10/2016**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.	
27/10/16	<b>BSPHCL</b>	<b>-63,238.213</b>	<b>-65,045.505</b>	<b>-4,498,087.28</b>	<b>-674,797.59</b>	
	JUVNL	-14,158.450	-14,894.567	-1,306,776.40	-280,000.75	
	DVC	34,291.698	34,456.363	475,042.11	0.00	
	GRIDCO	-12,786.769	-12,566.614	-325,466.69	-248,317.14	
	SIKIM	-1,047.585	-1,138.888	-148,818.29	0.00	
	WBSETCL	-45,317.215	-46,253.940	-1,317,590.65	-16,421.24	
	NER	-2,504.150	-3,419.957	-4,493,222.39	-8,632,845.14	
	NR	-70,725.079	-63,805.230	13,550,038.85	-627,563.92	
	SR	-30,356.268	-31,222.181	-1,788,719.72	-2,982,139.95	
	WR	-4,276.930	-5,313.607	-302,180.00	-6,445,638.03	
	FSTPP-I & II	31,029.446	30,590.338	-777,312.80	-27,553.67	
	KHSTPP-I	16,043.244	15,736.238	-565,200.08	0.00	
	TSTPP	22,614.754	22,624.854	59,881.98	0.00	
	RANGIT	1,449.000	1,520.875	149,266.45	-1,424.71	
	CHPC	5,760.000	8,466.738	6,090,160.77	0.00	
	KHPC	1,920.000	1,599.660	-634,273.20	0.00	
	THPC	18,780.000	13,244.517	-10,960,256.81	0.00	
	KHSTPP-II	26,617.698	26,587.150	6,268.19	-824.76	
	FSTPP-III	8,632.080	8,661.916	17,569.20	-1,665.94	
	TEESTA	7,830.000	8,004.182	398,345.37	0.00	
	MAITHON R/B	22,179.375	22,389.600	533,888.81	-1,614.13	
	Vedanta	0.000	0.000	0.00	0.00	
	BARH	17,396.285	16,282.254	-2,180,001.378	-442,582.41	
	NVVN-NEPAL	0.000	0.000	0.00	0.00	
	APNRL	5,994.720	5,973.454	-55,289.32	-1,865.76	
	GMRKEL	14,821.398	15,108.363	975,784.37	0.00	
	JITPL	24,806.865	25,159.854	768,080.88	-7,437.97	
	TP TCL	1,379.640	1,473.488	180,991.56	-3,305.63	
	BRBCL	0.000	-44.691	-92,309.068	0.00	
	TALCHER SOLAR	18.338	21.261	20,081.04	0.00	
	JORETHANG HEP	1,547.630	1,472.224	-146,969.67	0.00	
	IND Barath	0.000	-7.855	-20,456.09	0.00	
	HVDC SASARAM	-26.640	-20.862	12,064.98	-196.78	
	VAE	-1,778.509	0.000	3,539,757.42	0.00	
	NVVN	-11,528.640	-11,618.691	-206,047.86	-8,664.95	
	CHUZACHEN	1,310.035	1,326.312	-42,515.72	-3,619.87	
	28/10/16	<b>BSPHCL</b>	<b>-66,175.912</b>	<b>-66,162.573</b>	<b>-1,334,074.28</b>	<b>-118,958.84</b>
		JUVNL	-15,190.933	-15,484.615	-776,289.85	-257,583.54
		DVC	34,003.977	33,933.415	-8,943.52	0.00
		GRIDCO	-15,890.019	-13,967.324	3,743,373.82	-34,647.75
		SIKIM	-1,371.734	-1,115.756	642,364.70	0.00
		WBSETCL	-44,671.385	-47,363.568	-6,835,759.97	-1,460,983.39
		NER	-1,284.310	4,985.996	15,657,939.43	-4,462.16
NR		-78,901.794	-74,527.580	12,033,225.04	-384,680.84	
SR		-26,066.273	-22,695.927	6,352,188.36	-307,121.94	
WR		4,855.983	-6,813.296	-28,645,650.52	-23,297,374.04	
FSTPP-I & II		31,896.932	31,527.922	-886,747.14	0.00	
KHSTPP-I		14,686.680	14,690.335	76,257.04	-393.78	
TSTPP		22,576.089	22,678.055	260,643.40	0.00	
RANGIT		1,399.000	1,450.441	152,913.50	0.00	
CHPC		5,784.000	7,863.573	4,679,040.04	0.00	
KHPC		1,320.000	1,384.927	128,555.86	0.00	
THPC		17,690.500	12,300.986	-10,671,237.24	0.00	
KHSTPP-II		25,542.752	25,655.077	364,856.504	0.00	
FSTPP-III		9,010.753	9,007.004	17,039.736	0.00	
TEESTA		8,418.000	8,693.636	748,944.263	0.00	
MAITHON R/B		22,862.563	23,098.109	606,894.073	0.00	
Vedanta		0.000	0.000	0.00	0.00	
BARH		22,573.699	21,882.654	-1,643,855.114	-1,773.06	
NVVN-NEPAL		0.000	0.000	0.00	0.00	
APNRL		5,994.720	5,941.600	-143,077.545	0.00	
GMRKEL		14,539.548	15,092.945	1,660,247.662	0.00	
JITPL		19,261.563	19,437.672	-294,767.316	-752,078.27	
TP TCL		1,294.560	1,473.242	470,270.81	0.00	
BRBCL		0.000	-46.291	-122,576.066	0.00	
TALCHER SOLAR		27.888	36.485	79,462.28	0.00	
JORETHANG HEP		1,575.905	1,429.880	-321,978.04	0.00	
IND Barath		0.000	-8.291	-26,253.94	0.00	
HVDC SASARAM		-26.640	-20.982	15,055.05	0.00	
VAE		-576.358	0.000	1,583,849.23	0.00	
NVVN		-9,912.475	-10,145.636	-666,262.851	-5,082.35	
CHUZACHEN		1,244.575	1,226.808	2,989.671	-2,030.23	
29/10/16		<b>BSPHCL</b>	<b>-66,816.030</b>	<b>-66,343.788</b>	<b>823,913.46</b>	<b>-53,995.10</b>
		JUVNL	-15,143.130	-15,387.389	-345,281.23	-9,679.10
		DVC	33,867.095	33,156.107	-1,199,843.17	-6,622.11
		GRIDCO	-16,027.391	-14,881.919	1,715,851.07	-53,132.04
		SIKIM	-1,367.800	-1,049.033	631,568.27	0.00
		WBSETCL	-38,008.548	-36,970.361	1,306,465.16	-38,445.72
		NER	-14.363	-2,100.487	-2,427,623.85	-6,671,167.98
	NR	-78,662.107	-66,690.495	18,180,499.33	-1,727,568.24	
	SR	-24,003.685	-24,175.272	370,944.38	-1,205,245.71	
	WR	5,849.812	-2,873.670	-15,875,310.52	-13,073,069.37	
	FSTPP-I & II	26,913.218	26,965.115	57,079.32	0.00	
	KHSTPP-I	14,798.490	14,686.423	-171,355.72	0.00	
	TSTPP	22,569.338	22,662.670	203,919.50	0.00	
	RANGIT	1,449.000	1,456.643	25,823.00	0.00	
	CHPC	5,520.000	7,712.095	4,932,213.35	0.00	
	KHPC	1,536.000	1,417.975	-233,689.10	0.00	
	THPC	17,616.000	12,064.028	-10,992,903.75	0.00	
	KHSTPP-II	26,697.195	26,582.558	-33,671.224	0.00	
	FSTPP-III	8,254.146	8,249.175	-17,735.343	0.00	
	TEESTA	7,830.000	8,007.818	369,463.079	0.00	
	MAITHON R/B	22,771.375	22,873.600	276,982.861	0.00	
	Vedanta	0.000	0.000	0.00	0.00	
	BARH	15,233.490	14,814.327	-821,505.972	-5,987.32	
	NVVN-NEPAL	-599.760	-574.598	68,263.740	0.00	
	APNRL	5,994.720	5,946.400	-98,335.954	0.00	
	GMRKEL	14,466.710	14,733.891	952,682.947	-81.76	
	JITPL	22,666.428	22,110.472	-1,158,505.088	-290,200.97	
	TP TCL	1,474.560	1,473.242	-2,510.88	0.00	
	BRBCL	0.000	-37.036	-74,419.969	0.00	
	TALCHER SOLAR	27.888	6.114	-215,376.46	0.00	
	JORETHANG HEP	1,456.733	1,418.952	-69,198.32	0.00	
	IND Barath	0.000	-8.509	-17,549.85	0.00	
	HVDC SASARAM	-26.640	-21.426	10,413.50	0.00	
	VAE	-211.736	0.000	156,575.48	0.00	
	NVVN	-10,940.158	-11,053.309	-207,910.756	0.00	
	CHUZACHEN	1,211.345	1,176.543	-52,984.952	-1,814.89	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 24/10/2016 to 30/10/2016**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
<b>30/10/16</b>	<b>BSPHCL</b>	<b>-68,917.573</b>	<b>-67,359.861</b>	<b>2,906,453.25</b>	<b>-45,205.16</b>
	JUVNL	-15,195.728	-16,180.373	-1,999,008.08	-71,815.83
	DVC	28,954.478	28,764.758	-250,503.58	0.00
	GRIDCO	-17,333.245	-16,626.798	887,839.73	-70,963.49
	SIKKIM	-1,096.192	-918.770	281,702.89	-451.04
	WBSETCL	-28,885.845	-28,318.910	412,914.44	-90,318.05
	NER	-27.798	-18,063.511	-29,820,479.43	-27,054,129.99
	NR	-64,140.121	-45,882.425	27,658,499.61	-714,318.10
	SR	-25,838.430	-20,587.563	9,977,227.98	-104,826.01
	WR	21,595.275	16,211.008	-10,191,669.15	-10,267,326.35
	FSTPP-I & II	26,747.772	26,883.303	210,796.15	-11,502.23
	KHSTPP-I	13,080.385	13,014.462	-106,819.80	0.00
	TSTPP	12,950.042	12,957.988	30,436.56	-5,794.73
	RANGIT	1,266.000	1,321.253	92,672.39	0.00
	CHPC	4,536.000	7,299.769	6,218,480.44	0.00
	KHPC	1,440.000	1,642.428	400,807.44	0.00
	THPC	16,966.500	11,419.027	-10,983,995.88	0.00
	KHSTPP-II	24,386.236	24,310.877	-97,383.839	0.00
	FSTPP-III	8,278.762	8,263.696	-17,128.779	0.00
	TEESTA	7,662.000	7,820.582	301,372.012	0.00
	MAITHON R/B	18,719.000	18,751.236	164,915.073	0.00
	Vedanta	0.000	0.000	0.000	0.00
	BARH	18,801.267	18,003.600	-1,331,560.280	-766.83
	NVVN-NEPAL	-599.760	-600.672	1,448.551	0.00
	APNRL	5,149.880	5,169.236	29,630.753	0.00
	GMRKEL	14,796.720	14,617.745	241,912.076	-43.91
	JITPL	9,687.658	10,000.145	459,862.434	0.00
	TPTCL	1,474.560	1,472.854	-2,404.49	0.00
	BRBCL	0.000	-19.327	-33,487.713	0.00
	TALCHER SOLAR	27.888	38.132	94,797.31	0.00
	JORETHANG HEP	1,387.150	1,292.608	-160,431.60	0.00
	IND Barath	0.000	-8.145	-16,007.68	0.00
	HVDC SASARAM	-26.640	-21.506	8,560.18	-111.87
	VAE	122.908	0.000	-272,512.00	0.00
	NVVN	-11,338.335	-11,304.327	84,922.279	0.00
	CHUZACHEN	1,107.610	1,138.032	44,685.354	-50.73

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
<b>FOR THE WEEK FROM 24/10/16 TO 30/10/16</b>	BSPHCL	-462769.57	-459923.55	-6,878,070.00	-1,383,885.54
	JUVNL	-105685.99	-107424.31	-5,194,943.00	-703,511.80
	DVC	235744.32	236682.54	2,652,811.00	-33,872.38
	GRIDCO	-116941.86	-109132.63	18,618,231.00	-778,373.04
	SIKKIM	-9112.69	-7724.44	4,371,911.00	-8,250.55
	WBSETCL	-286976.72	-298332.41	-34,035,867.00	-3,489,158.42
	NER	-9914.52	-47616.30	-75,683,364.00	0.00
	NR	-463490.85	-414336.83	79,569,877.00	0.00
	SR	-193070.99	-193699.56	-363,676.00	0.00
	WR	8511.58	2633.34	101,246.00	0.00
	FSTPP-I & II	204143.89	202807.34	-2,663,005.55	-79,571.50
	KHSTPP-I	100291.62	99716.60	-891,024.23	-393.78
	KHSTPP-II	181491.74	181331.71	610,815.69	-824.76
	TSTPP	146293.73	146430.57	591,788.22	-5,794.73
	FSTPP-III	59560.75	59624.44	155,119.55	-1,665.94
	TEESTA	59178.00	60608.40	3,278,537.00	-1,812.36
	MAITHON R/B	152754.75	153567.71	2,613,554.29	-9,100.68
	<b>Vedanta</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
	RANGIT	9910.00	10315.94	897,526.00	-2,849.42
	BARH	139032.69	134468.51	-9,261,591.01	-579,729.93
	NVVN-NEPAL	-1199.52	-1175.27	69712.29	0.00
	APNRL	40955.75	40853.31	-241,135.00	-2,361.33
	GMRKEL	103099.24	104280.65	6,080,112.00	-659.42
	JITPL	128299.14	130721.09	5,142,490.80	-1,052,610.51
	TPTCL	10017.48	10276.15	619648.74	-6357.84
	BRBCL	0.00	-263.18	-579701.47	0.00
	TALCHER SOLAR	193.31	202.19	61163.03	0.00
	JORETHANG HEP	10739.81	10217.02	-927868.12	-162.87
	IND Barath	0.00	-59.27	-142341.11	0.00
	HVDC SASARAM	-186.48	-137.71	97445.28	-636.80
	VAE	-5538.50	0.00	11013970.35	0.00
	NVVN-BD	-80307.36	-80573.63	-787,175.00	-17,132.54
	CHUZACHEN	8818.73	8999.73	510,859.00	-8,988.23

**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:16/11/2016

RRAS Account for Week: 24.10.16 TO 30.10.16

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	1076.95174	848638	2858230	538476	4245344
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1130.75980	1148852	2917360	565380	4631592
4	KhSTPP-II	2178.57415	2520610	5328792	1089287	8938690
5	TSTPP-I	0.00000	0	0	0	0
6	BARH STPP-II	1413.16145	2699138	4232419	706581	7638138

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	120.000000	318480	238860
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	0.000000	0	0
4	KhSTPP-II	0.000000	0	0
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	0.000000	0	0



**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA-700 033**

**C.Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries**

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Fixed Charges to be refunded (Rs)	To Beneficiary Name
1	FSTPP I& II	1076.951735	320790	BSEB
			21292	JSEB
			7130	DVC
			427806	GRIDCO
			16913	WBSEB
			12684	SIKKIM
			15620	DELHI
			16436	PUNJAB.
			4370	RAJASTHAN
			5597	HARYANA
2	FSTPP III	0		
3	KhSTPP-I	1130.759801	115222	BSEB
			4298	DVC
			851149	GRIDCO
			7521	SIKKIM
			50531	DELHI
			39652	PUNJAB.
			40390	RAJASTHAN
			40091	HARYANA
4	KhSTPP-II	2178.574146	45405	BSEB
			20844	DVC
			275208	GRIDCO
			8512	SIKKIM
			283915	DELHI
			129285	PUNJAB.
			178637	RAJASTHAN
			216561	HARYANA
			13109	HP
			581718	M.P
			272949	CHHATISGARH
			120391	MAHA RASHTRA
			374077	GUJRAT
5	TSSTPP-I	0.000000		
6	BARH STPP-II	1413.161449	1718094	BSEB
			110919	JSEB
			740211	GRIDCO
			129915	SIKKIM

**A) RRAS settlement account for the week 24.10.16 TO 30.10.16 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.