



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

Eastern Regional Power Committee
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033



आई एस ओ : 9001-2000
ISO: 9001-2000

Tel No. :033-24235199, 24235005 FAX No.:033-24221802, 24171358 Web: www.erpc.gov.in

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

Date: 17.10.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 26.09.2016 to 02.10.2016

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, 3rd 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, 4th 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, 2nd 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., 1st 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, 7th floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5th 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 26.09.16 TO 02.10.16**

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	178.52910	59.16917	237.69827	DVC	59.69159	12.25514	47.43645
JUVNL	33.64517	16.54038	50.18555	GRIDCO	235.75301	6.85819	228.89482
WBSETCL	225.00417	35.29168	260.29585	SIKKIM	71.74960	0.83464	70.91496
NER	3784.53990	0.00000	3784.53990	NR	3526.49617	0.00000	3526.49617
WR	856.86680	0.00000	856.86680	SR	1323.94122	0.00000	1323.94122
FSTPP I&II	41.42955	3.64125	45.07080	HDVC SASARAM	1.91467	0.02238	1.89229
BRBCL	7.84766	0.00000	7.84766	TSTPP	1.46657	0.04332	1.42325
KHSTPP-I	104.04141	10.38002	114.42142	RANGIT	8.19452	0.16348	8.03104
TALCHER SOLAR	4.01374	0.00000	4.01374	GMRKEL	94.94287	0.03981	94.90306
NVVN-NEPAL	15.21331	0.00000	15.21331	CHUZACHEN	19.37493	0.03714	19.33779
IND BARATH	1.58520	0.00000	1.58520	TEESTA	38.71403	0.20260	38.51143
JORETHANG LOOP HEP	4.45117	3.54616	7.99733	JITPL	103.32977	0.97002	102.35975
TPTCL	6.44182	0.51363	6.95545	MAITHON R/B	29.55673	0.00000	29.55673
KHSTPP-II	68.80621	7.09148	75.89769				
FSTPP -III	7.89009	0.48558	8.37567				
VEDANTA	62.57633	0.00000	62.57633				
APNRL	5.91482	2.90011	8.81493				
NVVN-BD	29.02705	0.01851	29.04556				
BARH	182.11349	24.39346	206.50695				
				VAE OF EASTERN REGION	139.81744		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-35.00611		
TOTAL	5619.93700	163.97142	5783.90842		5619.93700	21.42671	5493.69896

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

185.39813

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 26/09/16-02/10/16 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 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.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 26/09/2016 to 02/10/2016

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.
26/09/16	BSPHCL	-61,963.729	-61,898.662	-2,474,853.71	-1,352,505.36
	JUVNL	-17,526.740	-17,096.740	293,074.43	-170,637.46
	DVC	26,674.333	27,720.832	2,173,401.88	-14,348.45
	GRIDCO	-21,146.167	-20,608.348	1,249,554.72	-200,274.23
	SIKKIM	-1,320.647	-1,149.771	380,272.78	0.00
	WBSETCL	-41,913.760	-43,588.279	-4,557,431.31	-685,768.38
	NER	4,237.240	-21,017.565	-63,568,923.76	-59,411,360.80
	NR	-91,952.675	-54,892.284	94,622,208.68	0.00
	SR	-24,137.100	-19,543.054	11,774,297.05	-257,749.62
	WR	22,710.790	7,864.800	-35,729,999.65	-27,063,336.30
	FSTPP-I & II	28,617.876	28,518.369	-203,131.18	0.00
	KHSTPP-I	13,817.516	12,692.772	-2,688,000.17	-397,226.42
	TSTPP	21,776.280	21,764.949	-45,461.35	0.00
	RANGIT	1,449.000	1,504.810	127,860.36	0.00
	CHPC	5,760.000	8,804.158	6,849,355.42	0.00
	KHPC	1,440.000	2,101.990	1,310,739.41	0.00
	THPC	25,344.000	21,182.756	-8,239,263.27	0.00
	KHSTPP-II	24,898.145	23,180.619	-4,131,450.57	-684,837.79
	FSTPP-III	8,703.203	8,725.558	79,725.22	0.00
	TEESTA	12,114.000	12,312.800	510,549.92	0.00
	MAITHON R/B	20,573.268	20,553.963	86,122.53	0.00
	Vedanta	0.000	-352.045	-914,493.127	0.00
	BARH	11,075.226	9,973.854	-2,505,917.872	-441,923.99
	NVVN-NEPAL	-1,199.760	-1,305.110	-268,030.322	0.00
	APNRL	9,953.440	10,118.400	501,578.555	0.00
	GMRKEL	13,904.028	14,403.782	1,596,195.462	-3,224.79
	JITPL	19,575.125	20,065.018	904,961.54	0.00
	TPTCL	1,708.320	1,473.320	-584,778.05	0.00
	BRBCL	0.000	-40.018	-101,107.988	0.00
	TALCHER SOLAR	39.520	24.155	-159,252.94	0.00
	JORETHANG HEP	2,470.800	2,340.872	-495,630.89	-140,266.31
	IND Barath	0.000	-10.473	-29,202.35	0.00
	HVDC SASARAM	-24.980	-10.738	35,851.719	0.00
	VAE	-1,327.316	0.000	4,086,487.271	0.00
	NVVN	-10,875.298	-10,858.473	14,279.459	0.00
	CHUZACHEN	2,608.320	2,736.936	321,590.489	0.00
27/09/16	BSPHCL	-64,421.700	-65,151.838	-3,516,933.73	-1,063,716.05
	JUVNL	-16,405.920	-14,544.071	3,961,503.09	0.00
	DVC	26,854.895	27,367.111	1,317,039.09	-18,536.47
	GRIDCO	-20,784.048	-19,326.256	3,821,090.54	-12,442.98
	SIKKIM	-1,340.670	-1,178.254	468,429.29	0.00
	WBSETCL	-44,094.103	-45,195.155	-3,176,258.32	-1,373,305.74
	NER	6,715.035	-23,396.620	-85,759,727.46	-80,972,904.40
	NR	-93,205.555	-58,712.214	97,752,351.57	0.00
	SR	-25,682.350	-18,749.818	19,917,307.65	-57,220.42
	WR	19,300.550	5,150.596	-40,031,829.84	-30,711,368.04
	FSTPP-I & II	30,375.455	30,089.265	-652,811.26	0.00
	KHSTPP-I	11,858.522	11,027.168	-2,220,293.24	-565,656.98
	TSTPP	21,838.190	21,836.893	-67,828.01	0.00
	RANGIT	1,449.000	1,510.907	175,322.08	0.00
	CHPC	6,120.000	8,854.659	6,152,981.81	0.00
	KHPC	1,416.000	2,049.005	1,253,349.50	0.00
	THPC	25,593.000	21,304.260	-8,491,704.93	0.00
	KHSTPP-II	24,301.902	24,055.970	-615,155.640	0.00
	FSTPP-III	8,990.285	8,991.825	-9,944.402	0.00
	TEESTA	12,114.000	12,366.545	744,451.453	0.00
	MAITHON R/B	21,525.375	21,970.909	1,189,509.758	0.00
	Vedanta	0.000	-280.091	-789,504.645	0.00
	BARH	16,210.637	14,510.182	-4,292,761.781	-629,185.96
	NVVN-NEPAL	-1,199.760	-1,323.917	-341,729.888	0.00
	APNRL	10,153.440	10,267.709	335,398.083	0.00
	GMRKEL	14,998.255	15,498.763	1,576,742.480	0.00
	JITPL	19,414.953	20,582.982	2,965,498.092	0.00
	TPTCL	1,689.450	1,473.359	-617,425.89	0.00
	BRBCL	0.000	-43.982	-125,963.547	0.00
	TALCHER SOLAR	39.520	22.974	-169,775.664	0.00
	JORETHANG HEP	2,470.800	2,489.000	52,665.610	0.00
	IND Barath	0.000	-9.964	-31,495.370	0.00
	HVDC SASARAM	-17.858	-10.505	20,622.332	0.00
	VAE	-2,307.215	0.000	6,162,439.232	0.00
	NVVN	-10,331.450	-10,534.363	-573,805.570	0.00
	CHUZACHEN	2,608.320	2,687.751	235,341.077	0.00
28/09/16	BSPHCL	-59,022.336	-60,539.222	-8,509,099.04	-2,119,274.28
	JUVNL	-16,609.908	-15,992.544	1,281,394.95	-41,675.32
	DVC	23,999.179	23,077.257	-2,635,468.26	-853,243.52
	GRIDCO	-20,712.356	-19,433.344	2,749,057.43	-28,885.44
	SIKKIM	-1,602.883	-1,151.402	1,277,405.82	0.00
	WBSETCL	-42,434.955	-41,482.936	3,031,290.47	-1,622.51
	NER	837.260	-25,398.125	-76,027,039.60	-71,196,221.92
	NR	-73,010.624	-56,395.986	49,997,329.73	-3,269.83
	SR	-9,805.508	-12,179.200	-7,443,290.59	-8,109,335.07
	WR	-5,283.830	5,619.154	32,189,513.25	-459,981.70
	FSTPP-I & II	21,498.097	21,232.121	-662,653.38	-1,976.50
	KHSTPP-I	13,130.000	12,691.916	-1,121,828.98	-22,261.51
	TSTPP	20,477.060	20,522.640	134,147.17	-1,422.00
	RANGIT	1,449.000	1,514.000	175,509.16	0.00
	CHPC	6,024.000	8,829.984	6,313,464.92	0.00
	KHPC	1,416.000	2,012.346	1,180,765.08	0.00
	THPC	25,416.000	21,244.894	-8,258,789.48	0.00
	KHSTPP-II	24,604.467	24,566.963	28,872.726	0.00
	FSTPP-III	9,137.002	9,110.333	-80,327.050	0.00
	TEESTA	12,114.000	12,287.345	516,284.915	0.00
	MAITHON R/B	23,030.625	23,287.236	717,621.755	0.00
	Vedanta	0.000	-507.045	-1,519,580.315	0.00
	BARH	13,272.668	12,278.400	-2,531,384.826	-351,319.88
	NVVN-NEPAL	-1,199.760	-1,322.822	-314,670.223	0.00
	APNRL	10,153.440	10,225.673	254,019.749	0.00
	GMRKEL	14,118.440	14,970.254	2,566,704.724	0.00
	JITPL	19,380.700	20,399.782	2,740,744.375	0.00
	TPTCL	1,401.640	1,473.410	166,361.70	0.00
	BRBCL	0.000	-41.236	-122,495.774	0.00
	TALCHER SOLAR	27.080	33.833	61,079.857	0.00
	JORETHANG HEP	2,470.800	2,357.392	-348,294.424	-115,093.68
	IND Barath	0.000	-0.655	-5,538.359	0.00
	HVDC SASARAM	-19.203	-9.410	28,770.188	0.00
	VAE	-728.724	0.000	1,986,124.038	0.00
	NVVN	-9,998.375	-10,411.927	-1,149,601.286	0.00
	CHUZACHEN	2,415.585	2,727.261	842,658.290	0.00

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 26/09/2016 to 02/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
29/09/16	BSPHCL	-64,234.940	-61,930.164	2,292,585.66	-305,056.83
	JUVNL	-17,910.575	-17,870.114	-474,761.54	-163,821.56
	DVC	29,777.149	30,192.013	623,856.70	-20,593.84
	GRIDCO	-20,532.702	-19,248.142	1,466,088.60	-151,738.29
	SIKIM	-1,300.115	-1,148.658	243,791.96	-4,097.74
	WBSETCL	-44,015.045	-45,683.613	-2,909,941.52	-282,933.30
	NER	1,489.105	-18,403.158	-34,884,451.44	-31,981,818.24
	NR	-79,135.499	-64,110.397	27,859,944.25	-190,221.28
	SR	-22,627.905	-10,028.072	21,565,441.05	-1,141,670.04
	WR	16,630.955	7,105.462	-16,586,151.50	-15,234,185.00
	FSTPP-I & II	19,429.585	19,248.887	-353,069.52	-13,460.63
	KHSTPP-I	13,840.317	13,395.007	-755,402.06	-8,400.97
	TSTPP	22,385.331	22,309.489	-64,762.18	0.00
	RANGIT	1,449.000	1,516.103	109,763.96	-2,911.37
	CHPC	6,312.000	8,821.159	5,645,607.85	0.00
	KHPC	1,416.000	1,923.768	1,005,380.64	0.00
	THPC	25,464.000	21,223.660	-8,395,872.38	0.00
	KHSTPP-II	24,253.274	23,920.606	-452,604.76	-3,528.58
	FSTPP-III	9,118.492	9,012.348	-208,724.07	-6,527.18
	TEESTA	12,114.000	12,398.582	487,034.92	-7,249.45
	MAITHON R/B	22,160.250	22,180.072	182,258.52	0.00
	Vedanta	0.000	-335.591	-596,601.94	0.00
	BARH	12,532.822	11,583.382	-1,928,171.900	-614,789.82
	NVVN-NEPAL	-1,199.760	-1,309.699	-172,187.104	0.00
	APNRL	10,153.440	10,131.273	-75,191.47	-46,422.48
	GMRKEL	14,189.460	14,297.018	574,759.65	0.00
	JITPL	18,427.698	19,501.672	1,000,699.28	-68,635.18
	TPCL	1,010.248	1,473.087	770,840.72	-44,968.08
	BRBCL	0.000	-39.600	-69,166.259	0.00
	TALCHER SOLAR	30.573	34.735	36,953.72	0.00
	JORETHANG HEP	2,159.280	2,499.184	590,020.03	-12,814.22
	IND Barath	0.000	-10.618	-19,223.95	0.00
	HVDC SASARAM	-21.622	-8.494	22,787.51	472.15
	VAE	-102.389	0.000	172,514.38	0.00
	NVVN	-9,816.955	-9,867.309	-53,768.17	-953.52
	CHUZACHEN	2,613.360	2,732.913	212,640.75	-3,084.74
30/09/16	BSPHCL	-71,638.665	-68,719.410	3,902,814.07	-151,549.07
	JUVNL	-15,146.508	-15,743.823	-1,515,982.23	-491,444.23
	DVC	29,555.274	29,336.072	-601,729.90	-96,257.80
	GRIDCO	-19,615.102	-17,670.762	3,175,673.23	-146,843.42
	SIKIM	-2,097.230	-1,152.753	1,596,462.47	0.00
	WBSETCL	-46,075.615	-48,951.135	-5,965,184.17	-634,157.26
	NER	439.595	-16,461.017	-36,873,486.12	-33,199,765.70
	NR	-89,271.549	-75,886.726	27,156,102.97	-426,662.74
	SR	-25,574.253	-2,542.618	51,958,548.61	0.00
	WR	21,513.008	1,725.797	-44,397,483.38	-36,408,858.21
	FSTPP-I & II	18,906.924	18,585.423	-737,958.37	-291,174.65
	KHSTPP-I	15,143.824	14,353.330	-1,656,851.65	-20,483.20
	TSTPP	22,409.428	22,515.014	251,182.75	0.00
	RANGIT	1,449.000	1,516.612	147,484.70	0.00
	CHPC	6,469.300	8,567.335	4,720,577.63	0.00
	KHPC	1,920.000	1,800.979	-235,661.18	0.00
	THPC	25,200.000	20,612.960	-9,082,339.28	0.00
	KHSTPP-II	27,367.270	26,894.843	-927,661.366	-7,638.62
	FSTPP-III	9,199.462	9,039.740	-340,850.241	-41,249.39
	TEESTA	12,114.000	12,400.691	634,497.006	0.00
	MAITHON R/B	22,216.625	22,337.891	330,695.665	0.00
	Vedanta	0.000	-321.091	-696,915.277	0.00
	BARH	21,904.111	21,126.109	-1,466,663.368	-146,650.45
	NVVN-NEPAL	-1,199.760	-1,396.848	-418,686.932	0.00
	APNRL	5,898.295	5,732.000	-367,873.974	-126,216.85
	GMRKEL	14,098.730	14,787.054	1,837,234.351	0.00
	JITPL	23,268.385	23,803.636	1,225,489.731	0.00
	TPCL	1,708.320	1,473.216	-521,156.62	0.00
	BRBCL	0.000	-42.054	-94,170.339	0.00
	TALCHER SOLAR	37.338	27.279	-101,027.54	0.00
	JORETHANG HEP	2,470.800	2,338.576	-277,431.98	-85,889.66
	IND Barath	0.000	-11.127	-28,543.02	0.00
	HVDC SASARAM	-23.520	-8.150	34,090.71	0.00
	VAE	-1,293.331	0.000	2,987,292.30	0.00
	NVVN	-7,516.995	-7,010.727	410,154.292	0.00
	CHUZACHEN	2,613.360	2,737.584	275,864.059	0.00
01-10-16	BSPHCL	-69,111.737	-72,433.943	-6,844,252.56	-663,666.60
	JUVNL	-15,931.605	-16,864.985	-2,417,489.59	-482,957.96
	DVC	31,657.187	32,163.642	665,326.59	-41,667.09
	GRIDCO	-21,837.957	-21,144.047	1,423,101.31	-63,374.36
	SIKIM	-1,359.650	-1,102.416	372,540.62	-1,184.59
	WBSETCL	-58,641.580	-60,570.304	-3,578,065.79	-288,145.94
	NER	2,634.650	-18,344.666	-43,550,655.22	-40,046,998.18
	NR	-80,316.900	-69,002.681	22,560,473.74	-326,287.92
	SR	-23,907.990	-13,493.818	22,074,198.51	-239,961.61
	WR	10,138.430	16,952.105	13,685,553.68	-1,948,397.75
	FSTPP-I & II	30,654.679	30,317.686	-647,105.06	0.00
	KHSTPP-I	15,720.647	15,050.507	-1,278,427.77	-19,170.56
	TSTPP	21,960.212	21,861.130	-174,250.27	0.00
	RANGIT	1,449.000	1,435.178	-42,780.51	-7,778.28
	CHPC	6,469.300	11,771.613	11,930,204.82	0.00
	KHPC	1,920.000	1,774.620	-287,852.40	0.00
	THPC	25,199.750	18,414.332	-13,435,126.96	0.00
	KHSTPP-II	26,434.592	26,224.850	-437,270.629	-3,381.65
	FSTPP-III	9,714.891	9,669.732	-77,299.986	0.00
	TEESTA	12,114.000	12,391.673	574,205.669	-4,660.36
	MAITHON R/B	22,462.000	22,593.054	373,388.854	0.00
	Vedanta	0.000	-456.273	-957,663.445	0.00
	BARH	18,611.874	16,913.345	-3,402,827.688	-142,778.99
	NVVN-NEPAL	0.000	-3.398	-6,056.237	0.00
	APNRL	5,734.658	5,263.927	-962,436.141	-34,317.99
	GMRKEL	15,009.888	15,351.127	1,143,844.841	0.00
	JITPL	23,960.400	24,444.581	1,124,569.741	-169.50
	TPCL	1,445.520	1,473.113	58,056.24	-483.55
	BRBCL	0.000	-47.764	-100,078.542	0.00
	TALCHER SOLAR	37.338	27.638	-97,248.65	0.00
	JORETHANG HEP	2,470.800	2,492.632	45,510.62	-552.69
	IND Barath	0.000	-12.291	-26,179.87	0.00
	HVDC SASARAM	-23.520	-9.862	28,840.41	267.09
	VAE	-184.508	0.000	283,370.22	0.00
	NVVN	-10,091.528	-10,219.309	-310,386.625	-897.29
	CHUZACHEN	2,613.360	2,685.573	159,828.757	-629.23

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 26/09/2016 to 02/10/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
02-10-16	BSPHCL	-71,064.274	-73,488.464	-3,998,469.32	-261,148.64
	JUVNL	-17,136.910	-18,782.429	-2,906,684.58	-303,501.77
	DVC	30,621.512	30,045.253	-389,716.78	-180,866.61
	GRIDCO	-23,998.828	-23,292.821	1,502,519.36	-82,260.06
	SIKKIM	-1,409.310	-878.795	753,059.09	-78,182.12
	WBSETCL	-46,049.838	-47,565.533	-2,124,287.41	-263,234.88
	NER	2,622.943	-21,594.576	-37,789,706.56	-35,183,200.48
	NR	-85,642.196	-64,062.734	32,701,205.81	-2,787,411.75
	SR	-16,563.808	-7,171.782	12,547,619.63	-1,932,473.30
	WR	940.550	3,934.383	5,183,717.70	-4,488,247.54
	FSTPP-I & II	30,357.916	29,925.723	-886,226.70	-57,513.03
	KHSTPP-I	15,220.392	14,781.812	-683,336.97	-4,801.91
	TSTPP	22,017.712	22,008.669	113,629.16	-2,909.95
	RANGIT	1,214.000	1,285.018	126,292.18	-5,658.26
	CHPC	6,469.300	11,838.517	12,080,737.20	0.00
	KHPC	1,536.000	1,750.320	424,353.60	0.00
	THPC	25,176.000	18,518.989	-13,180,881.52	0.00
	KHSTPP-II	25,316.007	25,010.133	-345,351.027	-9,761.12
	FSTPP-III	8,770.918	8,665.076	-151,588.461	-781.91
	TEESTA	12,114.000	12,358.036	404,378.854	-8,349.80
	MAITHON R/B	20,846.375	20,807.091	76,075.706	0.00
	Vedanta	0.000	-487.909	-782,874.643	0.00
	BARH	20,610.500	19,294.145	-2,083,621.962	-112,696.71
	NVVN-NEPAL	0.000	0.029	29.676	0.00
	APNRL	8,525.008	8,404.945	-276,976.658	-83,053.63
	GMRKEL	14,806.553	14,483.782	198,805.873	-756.26
	JITPL	23,241.290	23,405.454	371,014.283	-28,196.91
	TP TCL	1,418.880	1,472.815	83,919.93	-5,911.08
	BRBCL	0.000	-108.654	-171,783.665	0.00
	TALCHER SOLAR	40.080	43.161	27,897.45	0.00
	JORETHANG HEP	2,470.800	2,452.896	-11,955.94	0.00
	IND Barath	0.000	-11.855	-18,336.66	0.00
	HVDC SASARAM	-24.480	-11.278	20,503.66	1,498.67
	VAE	1,234.040	0.000	-1,696,483.86	0.00
	NVVN	-9,412.283	-10,185.018	-1,239,577.478	0.00
	CHUZACHEN	2,613.360	2,447.262	-110,430.597	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 26/09/16 TO 02-10-16	BSPHCL	-461457.38	-464161.70	-17,852,910.00	-5,916,916.83
	JUVNL	-116668.17	-116894.71	-3,364,517.00	-1,654,038.30
	DVC	199139.53	199902.18	5,969,159.00	-1,225,513.77
	GRIDCO	-148627.16	-140723.72	23,575,301.00	-685,818.78
	SIKKIM	-10430.50	-7762.05	7,174,960.00	-83,464.45
	WBSETCL	-323224.90	-333036.95	-22,500,417.00	-3,529,168.01
	NER	18975.83	-144615.73	-378,453,990.00	0.00
	NR	-592535.00	-443063.02	352,649,617.00	0.00
	SR	-148298.91	-83708.36	132,394,122.00	0.00
	WR	85950.45	48352.30	-85,686,680.00	0.00
	FSTPP-I & II	179840.53	177917.47	-4,142,955.47	-364,124.80
	KHSTPP-I	98731.22	93992.51	-10,404,140.82	-1,038,001.56
	KHSTPP-II	177175.66	173853.98	-6,880,621.27	-709,147.77
	TSTPP	152864.21	152818.78	146,657.27	-4,331.95
	FSTPP-III	63634.25	63214.61	-789,008.99	-48,558.48
	TEESTA	84798.00	86515.67	3,871,403.00	-20,259.61
	MAITHON R/B	152814.52	153730.22	2,955,672.79	0.00
	Vedanta	0.00	-2740.05	-6,257,633.00	0.00
	RANGIT	9908.00	10282.63	819,452.00	-16,347.91
	BARH	114217.84	105679.42	-18,211,349.40	-2,439,345.79
	NVVN-NEPAL	-5998.80	-6661.77	-1521331.03	0.00
	APNRL	60571.72	60143.93	-591,482.00	-290,010.96
	GMRKEL	101125.35	103791.78	9,494,287.00	-3,981.04
	JITPL	147268.55	152203.13	10,332,977.04	-97,001.58
	TP TCL	10382.38	10312.32	-644181.97	-51362.71
	BRBCL	0.00	-363.31	-784766.12	0.00
	TALCHER SOLAR	251.45	213.77	-401373.76	0.00
JORETHANG HEP	16984.08	16970.55	-445116.98	-354616.37	
IND Barath	0.00	-66.98	-158519.57	0.00	
HVDC SASARAM	-155.18	-68.44	191466.53	2237.91	
VAE	-4709.44	0.00	13981743.58	0.00	
NVVN-BD	-68042.88	-69087.13	-2,902,705.00	-1,850.80	
CHUZACHEN	18085.67	18755.28	1,937,493.00	-3,713.97	

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:17/10/2016

RRAS Account for Week: 26.09.16 TO 02.10.16

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	2440.02524	1922740	6334306	1220013	9477058
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	530.67798	539169	1307591	265339	2112098
4	KhSTPP-II	2316.99251	2680760	5410178	1158496	9249434
5	TSTPP-I	397.22641	361079	653835	198613	1213527
6	BARH STPP-II	611.04365	1167093	1701757	305522	3174372

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	339.500000	881342	661007
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	549.750000	1354584	1015938
4	KhSTPP-II	211.000000	492685	369514
5	TSTPP-I	77.750000	127977	95982
6	BARH STPP-II	239.500000	667008	500256

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	2440.025242	98185	BSEB
			528473	JSEB
			42472	DVC
			11631	GRIDCO
			879298	WBSEB
			182266	SIKKIM
			1982	NVVN
			30350	DELHI
			51313	PUNJAB.
			39422	RAJASTHAN
			51840	HARYANA
5507	AR.PRADESH			
2	FSTPP III	0	0	0
3	KhSTPP-I	530.677985	46989	BSEB
			7323	JSEB
			31826	DVC
			106830	SIKKIM
			20630	NVVN
			62267	DELHI
			11562	PUNJAB.
			107173	RAJASTHAN
			140095	HARYANA
4473	AR.PRADESH			
4	KhSTPP-II	2316.992512	92948	BSEB
			4424	JSEB
			76824	DVC
			59719	SIKKIM
			52293	NVVN
			17799	UTTARANCHAL
			146569	DELHI
			114277	PUNJAB.
			172481	RAJASTHAN
			313373	HARYANA
			33376	HP
			318786	M.P
			39700	CHHATISGARH
1026783	MAHA RASHTRA			
211410	GUJRAT			
5	TSSTPP-I	397.226409	119506	BSEB
			20252	JSEB
			96266	DVC
			80091	SIKKIM
			37291	NVVN
7673	AR.PRADESH			
6	BARH STPP-II	611.043646	515332	BSEB
			344039	JSEB
			127142	GRIDCO
			180580	SIKKIM

A) RRAS settlement account for the week 26.09.16 TO 02.10.16 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.