



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: 16.12.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 21.11.16 to 27.11.2016

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, Loknayak 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, 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, 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, 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 21.11.16 TO 27.11.16
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	262.18916	48.21473	310.40389	DVC	179.48428	3.32462	176.15966
JUVNL	392.03056	90.99492	483.02548	SIKKIM	16.49059	0.12472	16.36587
GRIDCO	98.31997	33.09016	131.41013	NR	1251.85130	0.00000	1251.85130
WBSETCL	217.01593	40.94267	257.95860	WR	1024.56778	0.00000	1024.56778
NER	1240.01418	0.00000	1240.01418	HDVC SASARAM	1.45069	0.01415	1.43655
SR	453.55556	0.00000	453.55556	TALCHER SOLAR	1.81093	0.00000	1.81093
FSTPP I&II	35.97223	6.50389	42.47612	RANGIT	5.83378	0.05003	5.78375
BRBCL	9.58080	0.00000	9.58080	JORETHANG LOOP HEP	1.66911	0.10453	1.56458
KHSTPP-I	52.38273	0.13165	52.51438	GMRKEL	90.29119	0.01102	90.28017
TSTPP	2.96025	3.46521	6.42547	CHUZACHEN	3.26490	0.05674	3.20816
NVVN-NEPAL	6.73718	0.00494	6.74212	TEESTA	26.27483	0.00000	26.27483
IND BARATH	1.65065	0.00000	1.65065	JITPL	91.42306	1.01664	90.40642
TPTCL	16.58207	0.00000	16.58207	MAITHON R/B	27.68719	0.03611	27.65108
KHSTPP-II	15.16129	0.00444	15.16573	APNRL	6.41484	0.06428	6.35056
FSTPP -III	2.53047	0.14499	2.67546				
NVVN-BD	13.49259	0.50160	13.99419				
BARH	91.75646	3.81443	95.57089				
				VAE OF EASTERN REGION	194.07826		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-10.66064		
TOTAL	2911.93208	227.81363	3139.74572		2911.93208	4.80281	2723.71165

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

232.61645

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 21/11/16-27/11/16 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 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 21/11/2016 to 27/11/2016

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
21/11/16	BSPHCL	-56,152.608	-58,098.662	-53,64,212.99	-14,53,608.45
	JUVNL	-13,265.998	-14,230.645	-22,88,900.93	-4,36,258.35
	DVC	36,657.264	37,309.883	11,88,740.65	0.00
	GRIDCO	-16,740.021	-16,303.039	4,41,995.81	-42,378.16
	SIKKIM	-1,266.249	-1,214.745	1,05,674.41	0.00
	WBSETCL	-22,030.043	-23,333.797	-27,73,676.31	-7,42,970.94
	NER	66.915	-16,764.827	-403,74,942.99	-363,78,317.08
	NR	-53,729.392	-51,272.724	43,44,456.92	-26,66,869.99
	SR	-17,948.350	-19,466.472	-38,01,168.46	-21,13,379.70
	WR	-18,868.577	-7.757	463,73,209.28	0.00
	FSTPP-I & II	30,114.630	29,970.462	-2,32,361.94	0.00
	KHSTPP-I	14,486.743	14,241.303	-4,86,523.33	0.00
	TSTPP	12,585.451	12,798.036	4,12,991.05	-704.23
	RANGIT	873.000	895.381	70,992.41	0.00
	CHPC	2,653.750	4,385.995	38,97,552.01	0.00
	KHPC	840.000	756.644	-1,65,044.09	0.00
	THPC	7,150.000	5,403.954	-34,57,170.68	0.00
	KHSTPP-II	28,324.059	28,336.761	1,58,857.83	0.00
	FSTPP-III	8,578.105	8,560.501	-10,686.75	0.00
	TEESTA	4,233.000	4,420.400	4,76,448.89	0.00
	MAITHON R/B	21,450.000	21,622.945	4,81,935.16	0.00
	BARH	16,245.361	15,554.727	-15,83,089.078	-3,732.08
	NVVN-NEPAL	-1,777.680	-1,853.942	-1,73,109.729	0.00
	APNRL	5,897.575	5,890.254	-7,590.772	0.00
	GMRKEL	12,474.390	13,082.327	17,10,347.135	0.00
	JITPL	12,091.150	12,462.691	7,95,062.94	-24,987.66
	TP TCL	1,170.480	1,107.930	-1,47,517.06	0.00
	BRBCL	0.000	-50.618	-1,21,097.683	0.00
	TALCHER SOLAR	39.978	42.570	24,237.07	0.00
	JORETHANG HEP	856.800	803.256	-45,256.15	-7,385.81
	IND Barath	0.000	-9.091	-22,685.89	0.00
	HVDC SASARAM	-24.480	-15.340	22,074.224	0.00
	VAE	-743.956	0.000	14,59,271.036	0.00
	NVVN	-10,727.665	-10,929.418	-5,12,132.114	0.00
	CHUZACHEN	629.980	672.822	1,18,857.940	0.00
22/11/16	BSPHCL	-56,901.867	-58,499.694	-41,62,730.26	-3,69,333.95
	JUVNL	-13,124.445	-15,025.011	-38,15,852.57	-10,97,749.24
	DVC	37,246.204	37,835.962	13,59,185.79	-9,876.09
	GRIDCO	-16,501.960	-16,940.984	-11,68,553.12	-4,76,388.02
	SIKKIM	-1,365.018	-1,288.594	1,16,753.47	0.00
	WBSETCL	-20,221.578	-21,136.463	-13,71,072.38	-3,88,606.53
	NER	244.055	-16,708.305	-369,96,290.77	-333,46,383.25
	NR	-66,247.269	-50,707.035	347,58,554.03	-54,156.28
	SR	-18,942.590	-19,565.527	-27,03,050.45	-25,60,562.48
	WR	-8,708.248	-5,553.279	52,69,138.72	-54,21,064.11
	FSTPP-I & II	30,254.822	30,031.739	-4,10,207.86	0.00
	KHSTPP-I	15,093.672	14,685.606	-9,34,625.68	0.00
	TSTPP	10,294.307	10,343.001	1,40,406.32	0.00
	RANGIT	810.000	847.700	86,917.72	0.00
	CHPC	1,920.000	4,288.925	53,30,081.21	0.00
	KHPC	720.000	787.399	1,33,450.42	0.00
	THPC	8,875.000	5,284.354	-71,09,478.12	0.00
	KHSTPP-II	29,724.103	29,570.863	-1,67,992.168	0.00
	FSTPP-III	8,514.576	8,496.678	-58,609.444	0.00
	TEESTA	4,233.000	4,381.418	3,80,935.089	0.00
	MAITHON R/B	21,624.250	21,741.745	3,28,787.147	0.00
	BARH	13,785.368	13,368.109	-9,27,584.756	-2,238.38
	NVVN-NEPAL	-1,777.680	-1,828.253	-91,049.993	0.00
	APNRL	5,897.575	5,905.891	35,942.618	0.00
	GMRKEL	12,612.690	13,103.636	15,65,137.545	0.00
	JITPL	19,177.840	19,881.163	14,92,044.548	0.00
	TP TCL	1,143.840	1,089.871	-1,17,755.97	0.00
	BRBCL	0.000	-53.636	-1,17,306.039	0.00
	TALCHER SOLAR	39.978	46.739	62,923.724	0.00
	JORETHANG HEP	832.683	794.904	-39,380.272	-497.42
	IND Barath	0.000	-9.164	-24,173.077	0.00
	HVDC SASARAM	-24.405	-15.049	20,651.596	0.00
	VAE	-4,551.041	0.000	100,44,173.169	0.00
	NVVN	-10,819.973	-10,912.945	-2,08,215.826	0.00
	CHUZACHEN	630.470	657.234	68,222.912	0.00
23/11/16	BSPHCL	-59,151.543	-60,352.588	-32,80,040.67	-9,18,107.67
	JUVNL	-14,640.870	-17,699.990	-71,85,106.93	-24,22,784.75
	DVC	38,145.007	40,079.590	42,78,858.12	-59,173.16
	GRIDCO	-16,621.252	-17,124.687	-10,75,628.22	-6,22,052.82
	SIKKIM	-1,524.583	-1,310.313	4,05,017.56	-1,107.64
	WBSETCL	-19,083.198	-20,393.849	-30,05,462.98	-15,80,608.43
	NER	-879.218	-18,948.605	-415,07,725.81	-377,02,674.27
	NR	-67,073.082	-53,127.815	324,88,700.20	-10,83,596.59
	SR	-10,431.825	-12,085.963	-33,80,829.66	-47,55,428.98
	WR	-17,356.223	-9,212.208	165,39,937.70	-10,82,231.84
	FSTPP-I & II	29,557.280	29,322.377	-4,62,152.42	0.00
	KHSTPP-I	15,198.705	14,793.093	-9,46,170.05	0.00
	TSTPP	10,896.379	10,911.787	30,553.65	0.00
	RANGIT	819.000	860.671	1,17,075.04	-1,110.72
	CHPC	1,680.000	4,786.359	69,89,306.65	0.00
	KHPC	720.000	672.966	-93,127.32	0.00
	THPC	8,664.000	5,897.239	-54,78,187.04	0.00
	KHSTPP-II	30,167.243	29,996.985	-3,81,009.877	0.00
	FSTPP-III	8,316.050	8,275.204	-1,10,704.032	0.00
	TEESTA	4,401.000	4,517.673	3,01,418.663	0.00
	MAITHON R/B	21,653.130	21,814.436	4,93,347.565	0.00
	BARH	13,611.191	13,072.036	-11,80,869.857	-3,380.88
	NVVN-NEPAL	-1,777.680	-1,834.205	-96,429.910	0.00
	APNRL	5,856.173	5,840.363	-13,969.760	-1,175.20
	GMRKEL	13,838.600	14,573.672	24,57,735.105	0.00
	JITPL	19,196.523	20,020.945	18,91,352.350	-21,070.74
	TP TCL	1,170.480	1,072.692	-2,19,977.20	0.00
	BRBCL	0.000	-64.764	-1,49,222.900	0.00
	TALCHER SOLAR	39.978	45.462	51,181.994	0.00
	JORETHANG HEP	784.043	788.824	1,21,486.196	0.00
	IND Barath	0.000	-9.600	-23,715.276	0.00
	HVDC SASARAM	-24.360	-15.307	21,068.339	-134.30
	VAE	-1,625.227	0.000	41,44,936.963	0.00
	NVVN	-10,650.453	-10,751.018	-2,20,599.347	-6,772.03
	CHUZACHEN	638.005	640.620	12,484.665	-5,523.19

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 21/11/2016 to 27/11/2016

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**Additional Deviation
Charge in Rs.**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENTO TAI IN MWH	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.	
24/11/16	BSPHCL	-57,926.012	-59,502.017	-39,59,954.01	-11,61,823.99	
	JUVNL	-14,613.705	-16,409.400	-34,64,949.74	-3,29,613.97	
	DVC	36,919.184	38,120.617	21,35,755.45	-87,473.63	
	GRIDCO	-22,465.600	-23,486.598	-13,74,070.45	-3,18,788.74	
	SIKKIM	-1,293.393	-1,300.155	-27,488.84	-3,325.93	
	WBSETCL	-17,248.933	-17,586.831	-1,01,982.73	-1,04,841.71	
	NER	-1,887.938	-20,321.511	-339,05,218.93	-308,19,777.21	
	NR	-72,879.583	-54,929.819	344,09,660.28	-20,66,020.82	
	SR	-13,068.635	-11,568.145	-7,67,542.46	-60,62,718.20	
	WR	-10,906.980	-5,874.781	94,17,573.34	-6,45,285.01	
	FSTPP-I & II	28,244.379	28,063.216	-3,09,620.35	0.00	
	KHSTPP-I	15,332.509	14,827.490	-8,93,608.46	-167.12	
	TSTPP	10,982.631	10,972.484	28,177.67	0.00	
	RANGIT	819.000	851.815	72,853.92	-2,215.03	
	CHPC	2,327.500	4,352.582	45,56,434.54	0.00	
	KHPC	720.000	786.924	1,32,509.52	0.00	
	THPC	7,859.250	5,362.786	-49,42,998.99	0.00	
	KHSTPP-II	30,242.016	29,661.889	-7,39,300.89	-443.64	
	FSTPP-III	8,317.655	8,284.292	-21,292.81	0.00	
	TEESTA	4,401.000	4,537.564	3,09,000.83	0.00	
	MAITHON R/B	21,336.813	21,412.981	3,34,090.81	-3,610.56	
	BARH	15,304.461	14,716.581	-10,56,863.944	-9,118.81	
	NVVN-NEPAL	-1,777.680	-1,841.472	-1,28,014.783	-493.95	
	APNRL	10,568.788	10,593.382	62,061.77	-568.79	
	GMRKEL	14,113.280	13,968.945	5,09,791.70	-826.26	
	JITPL	19,176.435	19,683.127	8,98,055.12	-26,888.10	
	TPCL	1,170.480	1,051.826	-2,15,529.32	0.00	
	BRBCL	0.000	-84.345	-1,59,903.302	0.00	
	TALCHER SOLAR	39.978	45.984	56,097.71	0.00	
	JORETHANG HEP	782.385	784.576	1,09,419.31	-276.08	
	IND Barath	0.000	-8.073	-18,349.39	0.00	
	HVDC SASARAM	-24.210	-15.628	16,376.30	-387.42	
	VAE	-156.745	0.000	3,35,679.02	0.00	
	NVVN	-10,814.503	-10,711.527	1,51,658.48	-7,384.50	
	CHUZACHEN	641.530	652.545	46,798.60	0.00	
	25/11/16	BSPHCL	-59,442.212	-59,776.294	-12,26,663.88	-1,84,836.59
		JUVNL	-13,800.350	-15,867.080	-41,32,519.63	-7,85,401.74
		DVC	35,882.368	37,756.469	30,74,089.92	-45,946.00
		GRIDCO	-23,532.383	-23,885.715	-2,34,795.90	-77,652.77
		SIKKIM	-1,401.325	-1,306.421	1,23,378.48	-4,602.37
WBSETCL		-19,428.903	-21,462.757	-34,91,248.51	-6,02,282.82	
NER		-5,180.378	-15,836.137	-210,15,730.83	-232,84,057.83	
NR		-68,378.964	-60,636.472	168,60,474.55	-9,18,558.45	
SR		-15,598.670	-16,624.436	-31,73,246.50	-24,64,490.08	
WR		-9,854.950	-136.040	168,38,502.04	-25,09,138.06	
FSTPP-I & II		29,143.950	29,055.768	-2,12,451.12	0.00	
KHSTPP-I		15,539.256	14,967.145	-11,76,366.98	-7,969.83	
TSTPP		10,841.893	10,792.448	-23,727.16	-6,871.73	
RANGIT		801.000	840.356	88,390.00	-683.52	
CHPC		1,822.500	3,796.378	44,41,224.85	0.00	
KHPC		720.000	671.328	-96,370.56	0.00	
THPC		7,785.000	4,677.490	-61,52,868.98	0.00	
KHSTPP-II		28,981.052	28,730.844	-3,83,395.527	0.00	
FSTPP-III		8,391.343	8,377.831	-2,395.358	0.00	
TEESTA		4,317.000	4,443.854	2,96,184.280	0.00	
MAITHON R/B		21,294.375	21,436.981	3,95,884.758	0.00	
BARH		19,618.688	18,506.181	-17,77,551.960	-3,40,509.33	
NVVN-NEPAL		-1,777.680	-1,750.694	21,944.072	0.00	
APNRL		10,436.975	10,579.782	1,81,566.075	-1,474.97	
GMRKEL		14,617.420	14,305.963	36,212.839	-276.05	
JITPL		19,198.555	19,693.454	8,42,590.607	-2,192.23	
TPCL		1,170.480	1,038.696	-2,47,644.45	0.00	
BRBCL		0.000	-77.636	-1,49,593.346	0.00	
TALCHER SOLAR		47.350	49.013	15,552.79	0.00	
JORETHANG HEP		796.818	767.640	-4,218.70	-2,073.88	
IND Barath		0.000	-9.382	-22,317.68	0.00	
HVDC SASARAM		-24.320	-16.437	15,310.60	-130.30	
VAE		-665.098	0.000	13,05,311.59	0.00	
NVVN		-8,290.870	-8,283.418	-89,341.382	-2,012.21	
CHUZACHEN		557.130	569.988	29,172.319	0.00	
26/11/16		BSPHCL	-59,027.512	-59,306.401	-17,38,960.02	-3,04,991.06
		JUVNL	-14,986.623	-17,848.665	-67,73,980.33	-18,91,037.49
		DVC	35,167.682	36,399.019	29,93,662.96	0.00
		GRIDCO	-22,050.714	-23,453.729	-27,17,188.47	-4,85,640.90
		SIKKIM	-1,378.120	-1,307.553	2,61,825.62	0.00
	WBSETCL	-18,949.835	-19,694.215	-15,78,959.79	-5,09,415.80	
	NER	-4,776.430	5,925.648	254,53,125.77	0.00	
	NR	-63,045.155	-65,153.310	-50,20,525.70	-98,63,108.55	
	SR	-14,907.273	-18,948.654	-109,05,841.42	-70,99,463.53	
	WR	-10,020.105	-8,446.867	35,53,560.97	-52,26,711.59	
	FSTPP-I & II	27,747.067	26,963.373	-16,53,926.89	-6,50,389.17	
	KHSTPP-I	15,398.698	15,134.071	-5,00,072.25	0.00	
	TSTPP	10,920.913	10,861.014	-98,924.82	0.00	
	RANGIT	801.000	824.609	81,543.20	0.00	
	CHPC	2,115.000	3,735.567	36,46,275.17	0.00	
	KHPC	720.000	265.558	-8,99,795.95	0.00	
	THPC	7,338.750	4,602.566	-54,17,645.00	0.00	
	KHSTPP-II	29,719.839	29,654.656	-383.394	0.00	
	FSTPP-III	8,552.511	8,563.481	-17,792.525	-14,498.58	
	TEESTA	4,317.000	4,527.491	5,60,293.501	0.00	
	MAITHON R/B	20,688.188	20,828.981	4,42,544.874	0.00	
	BARH	14,524.446	13,773.927	-15,19,361.713	-5,868.22	
	NVVN-NEPAL	-1,777.680	-1,825.498	-97,905.992	0.00	
	APNRL	10,436.975	10,432.727	-6,792.690	0.00	
	GMRKEL	14,637.015	15,009.527	13,50,564.581	0.00	
	JITPL	19,199.250	19,926.036	16,97,644.720	0.00	
	TPCL	1,170.480	1,021.776	-3,45,738.30	0.00	
	BRBCL	0.000	-109.145	-2,67,650.162	0.00	
	TALCHER SOLAR	46.638	44.998	-15,327.46	0.00	
	JORETHANG HEP	762.915	747.168	17,660.69	-3.74	
	IND Barath	0.000	-10.182	-32,872.11	0.00	
	HVDC SASARAM	-24.480	-14.888	23,511.11	0.00	
	VAE	-1,207.705	0.000	19,16,171.25	0.00	
	NVVN	-8,286.183	-8,418.800	-4,08,654.418	-32,630.79	
	CHUZACHEN	579.695	588.438	27,092.087	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 21/11/2016 to 27/11/2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL		DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
			DRAWAL/TAI	GENTO/IN MWH		
27/11/16	BSPHCL	-58,992.644	-60,215.687		-37,02,506.89	-4,28,771.16
	JUVNL	-14,928.125	-17,878.907		-66,42,548.40	-21,36,646.04
	DVC	32,845.065	35,887.071		48,83,630.88	-1,29,992.87
	GRIDCO	-21,514.458	-24,403.678		-60,25,000.56	-12,86,114.53
	SIKKIM	-1,164.628	-1,101.228		1,59,052.24	-3,435.58
	WBSETCL	-18,504.410	-19,539.716		-19,82,811.99	-1,65,540.96
	NER	-4,163.150	7,093.858		243,45,365.37	-6,38,787.39
	NR	-61,586.259	-58,532.947		73,43,809.35	-61,95,851.57
	SR	-14,092.078	-24,068.106		-206,23,877.22	-158,59,518.12
	WR	-3,555.370	-272.977		44,64,855.77	-40,45,554.05
	FSTPP-I & II	29,055.046	28,819.488		-3,16,502.36	0.00
	KHSTPP-I	15,732.142	15,534.801		-3,00,905.99	-5,028.52
	TSTPP	7,138.504	6,797.206		-7,85,501.88	-3,38,945.39
	RANGIT	774.000	795.019		65,605.67	-993.24
	CHPC	2,067.500	3,727.654		37,35,346.41	0.00
	KHPC	720.000	295.294		-8,40,918.67	0.00
	THPC	7,482.500	4,592.816		-57,21,573.56	0.00
	KHSTPP-II	29,533.173	29,469.782		-2,905.241	0.00
	FSTPP-III	8,502.694	8,474.965		-31,566.333	0.00
	TEESTA	4,149.000	4,277.200		3,03,201.512	0.00
	MAITHON R/B	20,014.750	20,110.872		2,92,128.368	0.00
	BARH	14,487.107	13,846.145		-11,30,324.283	-16,595.71
	NVVN-NEPAL	-1,777.680	-1,852.829		-1,09,151.829	0.00
	APNRL	8,710.560	8,864.582		3,90,266.978	-3,208.85
	GMRKEL	14,145.895	14,484.072		13,99,330.044	0.00
	JITPL	17,667.265	18,412.072		15,25,555.500	-26,524.89
	TPTCL	1,170.480	1,002.747		-3,64,044.54	0.00
	BRBCL	0.000	118.018		6,693.114	0.00
	TALCHER SOLAR	46.638	45.186		-13,572.93	0.00
	JORETHANG HEP	777.318	739.448		7,199.66	-216.09
	IND Barath	0.000	-8.145		-20,951.77	0.00
	HVDC SASARAM	-24.920	-12.900		26,077.24	-762.55
	VAE	-193.720	0.000		2,02,283.09	0.00
	NVVN	-10,728.963	-10,754.436		-61,973.966	-1,360.59
	CHUZACHEN	579.695	588.438		23,861.570	-150.41

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 21/11/16 TO 27/11/16	BSPHCL	-407594.40	-415751.34	-262,18,916.00	-48,21,472.86
	JUVNL	-99360.12	-114959.70	-392,03,056.00	-90,99,491.58
	DVC	252862.77	263388.61	179,48,428.00	-3,32,461.75
	GRIDCO	-139426.39	-145598.43	-98,31,997.00	-33,09,015.94
	SIKKIM	-9393.31	-8829.01	16,49,059.00	-12,471.52
	WBSETCL	-135466.90	-143147.63	-217,01,593.00	-40,94,267.19
	NER	-16576.14	-75559.88	-1240,01,418.00	0.00
	NR	-452939.70	-394360.12	1251,85,130.00	0.00
	SR	-104989.42	-122327.30	-453,55,556.00	0.00
	WR	-79270.45	-29503.91	1024,56,778.00	0.00
	FSTPP-I & II	204117.18	202226.42	-35,97,222.94	-6,50,389.17
	KHSTPP-I	106781.72	104183.51	-52,38,272.73	-13,165.47
	KHSTPP-II	206691.48	205421.78	-15,16,129.26	-443.64
	TSTPP	73660.08	73475.98	-2,96,025.17	-3,46,521.35
	FSTPP-III	59172.93	59032.95	-2,53,047.26	-14,498.58
	TEESTA	30051.00	31105.60	26,27,483.00	0.00
	MAITHON R/B	148061.51	148968.94	27,68,718.68	-3,610.56
	RANGIT	5697.00	5915.55	5,83,378.00	-5,002.51
	BARH	107576.62	102837.71	0.00	0.00
	NVVN-NEPAL	-12443.76	-12786.89	-673718.17	-493.95
	APNRL	57804.62	58106.98	-13,49,259.00	-50,160.12
	GMRKEL	96439.29	98528.14	90,29,119.00	-1,102.31
	JITPL	125707.02	130079.49	91,42,305.79	-1,01,663.62
	TPTCL	8166.72	7385.54	-1658206.83	0.00
	BRBCL	0.00	-322.13	-958080.32	0.00
	TALCHER SOLAR	300.54	319.95	181092.90	0.00
JORETHANG HEP	5592.96	5425.82	166910.73	-10453.01	
IND Barath	0.00	-63.64	-165065.18	0.00	
HVDC SASARAM	-171.18	-105.55	145069.41	-1414.57	
VAE	-9143.49	0.00	19407826.12	0.00	
NVVN-BD	-70318.61	-70761.56	-96,91,438.00	0.00	
CHUZACHEN	4256.51	4370.09	3,26,490.00	-5,673.60	

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:16/12/2016

RRAS Account for Week: 21.11.16 TO 27.11.16

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	4943.84799	3895752	12102540	2471924	18470216
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	988.14539	1003956	2579059	494073	4077088
4	KhSTPP-II	3502.94546	4052908	8666287	1751473	14470668
5	TSTPP-I	56.54397	51398	89113	28272	168784
6	BARH STPP-II	426.21618	814073	1073212	213108	2100393

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	30.000000	73440	55080
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	0.000000	0	0
4	KhSTPP-II	277.082399	685502	514126
5	TSTPP-I	6.250000	9850	7388
6	BARH STPP-II	262.500000	660975	495731

**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	4943.847991	41922	BSEB
			6083	DVC
			327686	GRIDCO
			3167116	WBSEB
			78919	SIKKIM
			137350	DELHI
			112328	PUNJAB.
			2033	RAJASTHAN
2	FSTPP III	0	0.000	0.00
3	KhSTPP-I	988.145394	2692	DVC
			588441	GRIDCO
			55940	SIKKIM
			3008	UP
			185647	DELHI
			109523	PUNJAB.
			11349	RAJASTHAN
			40235	HARYANA
4	KhSTPP-II	3502.945461	7122	ASSAM
			15547	DVC
			202296	GRIDCO
			12074	SIKKIM
			33849	UP
			723001	DELHI
			272993	PUNJAB.
			20351	RAJASTHAN
			294247	HARYANA
			49541	HP
			565689	M.P
			368925	CHHATISGARH
5	TSSTPP-I	56.5439691	778207	MAHA RASHTRA
			586339	GUJRAT
			129849	ASSAM
6	BARH STPP-II	426.216175	5152.385	DVC
			36803.284	WBSEB
			9442.799	SIKKIM
6	BARH STPP-II	426.216175	174955	BSEB
			461897	GRIDCO
			177220	SIKKIM

A) RRAS settlement account for the week 21.11.16 TO 27.11.16 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.