



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

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



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

Date: 25.08.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 08.08.2016 to 14.08.2016

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.BANDYOPADHYAYA)
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, 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, 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 08.08.16 TO 14.08.16

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	142.91581	38.02063	180.93644	JUVNL	121.56478	3.74935	117.81543
DVC	33.94382	19.06537	53.00919	NR	2543.55246	0.00000	2543.55246
GRIDCO	60.00912	45.22026	105.22938	SR	719.67208	0.00000	719.67208
SIKKIM	0.98441	1.71681	2.70122	TALCHER SOLAR	4.19312	0.00000	4.19312
WBSETCL	520.52308	143.53295	664.05603	RANGIT	8.84542	0.08728	8.75814
NER	1943.42488	0.00000	1943.42488	JORETHANG LOOP HEP	19.01755	0.61390	18.40365
WR	597.67039	0.00000	597.67039	GMRKEL	10.69045	0.44209	10.24836
FSTPP-I & II	23.45261	0.31426	23.76687	CHUZACHEN	13.38505	0.14253	13.24252
BRBCL	4.53612	0.00000	4.53612	TEESTA	34.60634	0.08997	34.51637
KHSTPP-I	33.07205	0.02778	33.09983	JITPL	52.81449	1.23604	51.57844
TSTPP	10.64538	0.09231	10.73769	MAITHON R/B	19.50277	0.17299	19.32979
NVVN-NEPAL	21.26856	0.10750	21.37606	APNRL	8.99605	0.04539	8.95066
IND BARATH	3.69158	0.00000	3.69158	Adjustment of NER(1st EMI)	74.33432	0.00000	74
TPTCL	108.58395	0.00000	108.58395				
KHSTPP-II	7.19424	0.00702	7.20125				
FSTPP-III	5.50758	0.00000	5.50758				
VEDANTA	148.72769	52.93315	201.66084				
NVVN-BD	35.25197	0.04716	35.29913				
BARH	76.32893	11.60753	87.93646				
Adjustment of JUVNL	0.08448	0.00000	0.08448	VIRTUAL ANCILLARY ENTITY OF EASTERN REGION	225		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-3.72759		
TOTAL	3777.81665	312.69273	4090.50938		3852	6.57954	3625

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

319.27226

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:** Pusaali East Bus and ER end of other A.C. Ties b) **Western Region :** ER end of Raipur- Rourkela 400kV D/C & Budipadar-Korba 220 kV lines.
c) **Southern Region:** Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
d) **North Eastern Region:** NER end of 220 kV Birpara -Salakati D/C and 400 kV Binaguri - Bongaigaon D/C lines

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

- iii) Deviation charges for the week 08/08/16-14/08/16 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 2.10% 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 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.
- xxvii) 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.
- xxviii) As per SOR of CERC(Ancillary Services Operation) Regulation 2015, DSM accounting of VAE has been done and reflected accordingly.
- xxix) **Adjustment of JUVNL has been done due to revision of schedule on 20/07/2016.**
- xxx) **In compliance with CERC order dated on 13.06.2016 on petition No. 150/MP/2015(Clause No 8), the total amount along with the interest will be payable to Assam Power Distribution Company Limited in six equated monthly installments. Accordingly the 1st EMI has been calculated and reflected in this statement as adjustment of NER Deviation Charges from Deviation Pool Account fund of Eastern Region.**

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 08/08/2016 to 14/08/2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN. TOTAL IN MWH	Deviation Charge in Rs.	Additional Deviation Charge in Rs.
08/08/16	BSPHCL	-70,619.347	-73,018.424	-4,881,609.55	-1,425,567.76
	JUVNL	-17,170.743	-14,728.323	3,353,812.96	0.00
	DVC	19,627.013	19,394.835	-1,042,675.88	-359,564.40
	GRIDCO	-21,009.845	-21,608.996	-1,316,446.64	-257,587.75
	SIKKIM	-1,140.941	-1,019.793	214,369.62	0.00
	WBSETCL	-35,409.390	-38,498.878	-5,810,912.44	-129,407.95
	NER	2,128.535	-15,992.609	-32,479,606.55	-29,330,401.43
	NR	-88,745.422	-59,087.458	55,638,763.82	0.00
	SR	-9,654.150	-10,734.982	-2,239,071.72	-3,609,752.48
	WR	8,292.282	1,620.469	-12,779,068.87	-11,666,461.75
	FS TPP-I & II	28,982.996	28,799.394	-347,397.07	0.00
	KHSTPP-I	15,696.145	15,339.705	-491,648.66	0.00
	TSPP	20,141.064	19,936.627	-291,539.47	-614.21
	RANGIT	1,449.000	1,522.244	133,546.60	0.00
	CHPC	7,300.000	8,656.872	3,052,961.80	0.00
	KHPC	1,920.000	2,165.609	486,305.42	0.00
	THPC	25,400.000	21,830.439	-7,067,730.92	0.00
	KHSTPP-II	26,201.312	25,995.383	-217,209.54	0.00
	FS TPP-III	8,869.638	8,814.260	-60,453.31	0.00
	TEESTA	12,129.000	12,427.091	555,071.39	0.00
	MAITHON R/B	10,769.438	10,776.945	52,011.89	0.00
	VEDANTA	6,448.490	6,355.045	-749,877.949	-253,878.10
	BARH	20,488.666	19,680.545	-1,700,368.744	-398,516.93
	NVVN-NEPAL	-1,197.840	-1,377.264	-331,700.691	0.00
	APNRL	10,250.168	10,285.891	66,321.367	0.00
	GMRKEL	9,594.743	9,654.836	362,251.015	-32,952.96
	JITPL	20,521.975	20,891.927	561,406.19	0.00
	TP TCL	2,735.280	2,281.535	-899,544.03	0.00
	BRCL	0.000	-32.836	-62,150.414	0.00
	TALCHER SOLAR	29.790	23.175	-66,069.34	0.00
	JORETHANG HEP	1,918.560	2,240.472	695,523.01	-933.86
	IND BARATH	0.000	-28.436	-56,854.58	0.00
	VAE	-1,645.746	0.000	2,792,169.84	0.00
	NVVN	-10,254.180	-10,445.127	-349,853.821	0.00
	CHUZACHEN	2,611.200	2,636.379	50,971.500	0.00
09/08/16	BSPHCL	-71,320.894	-72,147.204	-1,491,937.52	-36,455.07
	JUVNL	-16,331.540	-14,961.179	1,386,838.35	-13,426.26
	DVC	20,880.777	19,919.186	-1,394,326.89	-277,428.58
	GRIDCO	-18,881.059	-21,265.653	-4,222,574.87	-1,534,826.73
	SIKKIM	-1,489.462	-1,081.758	629,233.04	0.00
	WBSETCL	-41,116.805	-42,843.159	-2,481,963.20	-107,496.53
	NER	2,845.545	-9,876.674	-20,490,903.02	-17,892,407.90
	NR	-90,867.363	-70,660.719	31,289,430.05	-25,391.06
	SR	-18,513.683	-12,782.763	8,510,616.17	0.00
	WR	14,511.764	5,047.427	-13,267,974.53	-9,993,499.01
	FS TPP-I & II	28,368.873	28,072.148	-373,123.87	0.00
	KHSTPP-I	15,002.516	14,582.438	-472,481.33	0.00
	TSPP	21,619.164	21,314.081	-380,358.11	0.00
	RANGIT	1,449.000	1,521.676	107,822.90	0.00
	CHPC	7,128.000	8,579.327	3,265,485.79	0.00
	KHPC	1,440.000	2,210.735	1,526,054.90	0.00
	THPC	26,088.000	21,634.890	-8,817,157.13	0.00
	KHSTPP-II	25,858.708	25,579.837	-252,264.349	0.00
	FS TPP-III	8,998.745	8,946.360	-59,483.389	0.00
	TEESTA	12,129.000	12,433.963	468,474.783	0.00
	MAITHON R/B	17,070.125	16,848.400	-306,049.600	-4,369.48
	VEDANTA	7,534.255	6,376.136	-2,097,733.756	-549,518.40
	BARH	22,183.396	21,882.000	-469,171.535	0.00
	NVVN-NEPAL	-1,197.840	-1,312.531	-196,628.797	0.00
	APNRL	10,193.190	10,252.291	84,651.925	0.00
	GMRKEL	10,797.917	10,697.309	38,030.609	0.00
	JITPL	19,622.480	19,874.400	244,327.137	0.00
	TP TCL	2,963.520	2,157.427	-1,257,505.49	0.00
	BRCL	0.000	-37.236	-60,847.821	0.00
	TALCHER SOLAR	12.961	23.081	89,111.325	0.00
	JORETHANG HEP	2,302.320	2,474.944	262,738.194	0.00
	IND BARATH	0.000	-28.000	-43,912.580	0.00
	VAE	-5,382.103	0.000	8,473,931.828	0.00
	NVVN	-10,262.530	-10,605.200	-536,107.187	0.00
	CHUZACHEN	2,611.200	2,627.388	27,892.058	0.00
10/08/16	BSPHCL	-73,053.338	-71,185.338	2,288,536.06	-210,825.30
	JUVNL	-17,256.360	-15,885.979	1,116,101.92	-145,563.52
	DVC	20,101.473	19,361.309	-1,045,590.72	-294,259.09
	GRIDCO	-18,280.628	-19,502.925	-1,487,513.87	-461,417.75
	SIKKIM	-873.037	-1,116.939	-386,114.67	0.00
	WBSETCL	-40,483.933	-40,408.229	44,745.44	-55,212.94
	NER	609.605	-11,241.841	-17,440,443.99	-14,804,949.69
	NR	-63,538.462	-63,517.365	30,155,574.05	-1,182,867.40
	SR	-16,608.900	-14,508.872	3,193,895.68	-799,994.93
	WR	9,557.391	2,034.744	-13,209,742.78	-10,797,925.56
	FS TPP-I & II	26,921.234	26,806.830	-125,800.45	-1,453.74
	KHSTPP-I	13,921.869	13,739.615	-318,135.42	-1,334.32
	TSPP	20,014.944	19,747.412	-429,151.42	-5,105.09
	RANGIT	1,449.000	1,515.683	95,036.60	-4,265.59
	CHPC	7,296.000	8,557.724	2,838,978.27	0.00
	KHPC	1,440.000	2,200.824	1,506,431.52	0.00
	THPC	25,032.000	21,580.412	-6,834,143.88	0.00
	KHSTPP-II	23,977.686	23,986.264	81,808.728	0.00
	FS TPP-III	8,309.573	8,200.133	-98,578.231	0.00
	TEESTA	12,129.000	12,430.654	489,154.988	-6,019.63
	MAITHON R/B	18,705.750	18,759.636	116,001.222	-6,434.29
	VEDANTA	8,876.450	7,478.818	-1,840,903.517	-363,063.89
	BARH	21,394.015	20,861.781	-837,630.865	0.00
	NVVN-NEPAL	-1,197.840	-1,303.248	-165,010.022	0.00
	APNRL	10,149.840	10,117.891	-49,723.658	-2,523.55
	GMRKEL	11,250.320	11,014.473	-191,540.221	0.00
	JITPL	19,322.993	19,716.582	508,559.256	-1,797.43
	TP TCL	2,963.520	2,134.466	-1,287,177.83	0.00
	BRCL	0.000	-37.764	-62,770.909	0.00
	TALCHER SOLAR	14.500	7.631	-64,321.338	0.00
	JORETHANG HEP	2,293.245	2,473.416	293,805.969	-7,484.01
	IND BARATH	0.000	-28.073	-46,014.250	0.00
	VAE	0.000	0.000	1,007,410.681	0.00
	NVVN	-10,651.270	-10,644.363	3,861.611	-4,715.80
	CHUZACHEN	2,424.560	2,686.554	403,483.823	-13,382.93
11/08/16	BSPHCL	-70,262.238	-68,335.138	1,594,911.01	-116,803.89
	JUVNL	-18,424.495	-15,910.631	2,561,700.32	-57,629.81
	DVC	18,966.704	19,775.095	573,199.58	-189,657.07
	GRIDCO	-18,125.058	-18,982.685	-1,196,273.53	-144,492.12
	SIKKIM	-1,493.225	-1,119.033	548,235.18	-11,348.03
	WBSETCL	-34,498.718	-38,586.476	-6,957,561.85	-1,913,615.17
	NER	1,032.910	-13,966.911	-23,989,153.80	-21,294,568.92
	NR	-80,415.589	-59,041.053	34,083,601.42	-413,611.90
	SR	-28,694.180	-25,298.109	7,198,148.29	-75,755.79
	WR	16,677.614	10,973.130	-10,568,330.72	-7,964,490.25
	FS TPP-I & II	26,719.946	26,605.573	-34,956.02	0.00
	KHSTPP-I	14,085.031	13,923.209	-209,129.26	0.00
	TSPP	20,064.691	19,959.551	-116,552.29	-1,741.24
	RANGIT	1,449.000	1,518.788	110,798.10	-2,885.74
	CHPC	7,008.000	8,378.572	3,083,787.81	0.00
	KHPC	1,440.000	2,130.977	1,368,134.06	0.00
	THPC	25,440.000	21,128.638	-8,536,496.91	0.00
	KHSTPP-II	25,342.299	25,106.792	-310,439.73	-701.78
	FS TPP-III	8,475.789	8,420.208	-78,268.09	0.00
	TEESTA	12,129.000	12,455.091	525,199.38	-2,912.72
	MAITHON R/B	18,383.500	18,376.472	71,142.86	0.00
	VEDANTA	6,510.793	4,962.409	-2,582,574.08	-737,690.06
	BARH	21,164.663	20,869.745	-518,016.589	0.00
	NVVN-NEPAL	-1,197.840	-1,335.658	-202,541.695	0.00
	APNRL	9,999.840	10,000.363	31,283.93	-9.68
	GMRKEL	8,619.370	8,518.400	-154,147.96	-11,256.02
	JITPL	19,059.845	19,480.363	470,225.86	-11,312.63
	TP TCL	2,963.520	2,052.801	-1,458,737.39	0.00
	BRCL	0.000	-35.618	-57,724.146	0.00
	TALCHER SOLAR	13.433	14.642	10,970.37	0.00
	JORETHANG HEP	2,302.320	2,474.280	281,180.28	-529.55
	IND BARATH	0.000	-28.000	-45,164.84	0.00
	VAE	-836.816	0.000	1,703,526.17	0.00
	NVVN	-10,753.188	-10,943.273	-314,619.21	0.00
	CHUZACHEN	2,611.200	2,668.374	103,796.42	-621.22

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 08/08/2016 to 14/08/2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAVAL/GEN. TOTAL IN MWH	Deviation Charge in Rs.	Additional Deviation Charge in Rs.	
12/08/16	BSPHCL	-68,891.768	-65,898.744	3,217,493.61	-115,362.54	
	JUVNL	-14,627.730	-11,793.017	3,243,943.48	-75,936.19	
	DVC	17,666.129	16,570.124	-2,636,680.10	-194,776.50	
	GRIDCO	-18,506.645	-19,491.599	-2,983,861.55	-1,957,547.35	
	SIKKIM	-1,515.093	-1,158.871	784,464.35	0.00	
	WBSETCL	-43,631.315	-50,095.759	-16,305,530.88	-7,144,016.78	
	NER	2,072.360	-17,512.990	-43,420,726.20	-39,602,052.60	
	NR	-77,393.878	-57,874.166	44,420,379.00	0.00	
	SR	-29,289.988	-26,146.036	9,399,658.87	-105,086.71	
	WR	15,009.784	15,195.451	1,389,679.61	-2,856,247.71	
	FSPPP-I & II	27,971.293	27,814.384	-228,979.48	0.00	
	KHSTPP-I	14,104.178	13,965.467	-259,970.64	0.00	
	TSTPP	21,000.625	21,075.549	258,484.63	0.00	
	RANGIT	1,449.000	1,507.160	120,172.19	0.00	
	CHPC	8,064.000	8,552.290	1,098,651.87	0.00	
	KHPC	1,440.000	2,208.942	1,522,505.16	0.00	
	THPC	24,480.000	21,566.709	-5,768,315.95	0.00	
	KHSTPP-II	25,454.889	25,551.307	-149,553.183	0.00	
	FSPPP-III	8,796.237	8,788.179	-10,764.225	0.00	
	TEESTA	12,129.000	12,430.654	662,699.574	0.00	
	MAITHON R/B	18,371.000	18,625.381	616,114.212	0.00	
	VEDANTA	6,144.720	5,158.182	-2,243,114.411	-292,737.59	
	BARH	21,810.363	21,292.472	-1,171,850.309	-966.26	
	NVNV-NEPAL	-1,197.840	-1,350.077	-311,931.814	0.00	
	APNRL	10,134.840	10,195.563	158,488.490	0.00	
	GMRKEL	9,295.440	9,281.309	-111,311.581	0.00	
	JITPL	19,291.445	19,944.000	1,172,006.264	-8,655.31	
	TP TCL	2,963.520	2,189.405	-1,786,830.20	0.00	
	BRBCL	0.000	-38.382	-90,113.862	0.00	
	TALCHER SOLAR	15.448	32.919	156,705.73	0.00	
	JORETHANG HEP	2,302.320	2,367.184	152,452.11	-35,475.37	
	IND BARATH	0.000	-28.000	-65,780.91	0.00	
	VAE	-1,470.731	0.000	2,945,436.53	0.00	
	NVNV	-10,633.070	-10,853.054	-545,798.915	0.00	
	CHUZACHEN	2,611.200	2,698.758	204,282.646	0.00	
	13/08/16	BSPHCL	-70,496.343	-71,069.274	-3,488,829.44	-1,375,422.44
		JUVNL	-15,269.025	-14,063.526	2,569,482.42	-20,515.14
		DVC	16,819.663	16,577.637	-1,881,208.00	-486,951.71
		GRIDCO	-19,224.427	-17,727.478	3,303,474.88	-13,407.68
		SIKKIM	-1,017.305	-1,083.783	-481,001.27	-89,454.04
WBSETCL		-49,923.465	-53,847.089	-10,684,926.72	-2,711,723.20	
NER		2,985.255	-9,023.686	-30,822,622.64	-26,356,106.61	
NR		-74,062.781	-63,222.693	31,803,511.54	0.00	
SR		-26,757.315	-20,093.527	20,865,591.81	-2,152,016.34	
WR		8,454.415	7,073.282	-2,475,922.87	-11,544,131.88	
FSPPP-I & II		29,846.502	29,606.403	-591,392.71	-29,972.30	
KHSTPP-I		15,909.475	15,401.095	-1,197,257.30	-357.00	
TSTPP		21,982.402	21,989.545	71,289.36	-1,770.50	
RANGIT		1,449.000	1,525.544	198,918.21	0.00	
CHPC		8,099.000	8,535.854	982,921.66	0.00	
KHPC		2,053.200	2,093.562	79,916.76	0.00	
THPC		26,959.800	21,525.263	-10,760,384.11	0.00	
KHSTPP-II		27,704.091	27,677.570	86,544.092	0.00	
FSPPP-III		9,445.548	9,390.160	-125,636.477	0.00	
TEESTA		10,458.000	10,753.527	759,602.764	0.00	
MAITHON R/B		21,269.000	21,745.309	1,263,185.757	0.00	
VEDANTA		5,696.668	5,088.818	-2,278,716.861	-1,192,383.88	
BARH		19,212.928	18,068.291	-2,529,739.744	-761,249.94	
NVNV-NEPAL		-1,119.113	-1,341.955	-670,984.643	-10,749.95	
APNRL		10,134.840	10,281.163	531,409.834	0.00	
GMRKEL		10,590.715	10,806.254	803,567.095	0.00	
JITPL		21,242.298	22,126.981	1,727,098.055	-922.26	
TP TCL		2,963.520	2,005.869	-2,501,287.64	0.00	
BRBCL		0.000	-26.200	-71,854.003	0.00	
TALCHER SOLAR		15.448	33.345	160,152.02	0.00	
JORETHANG HEP		2,302.320	2,384.768	197,478.50	-16,679.43	
IND BARATH		0.000	-29.818	-80,537.94	0.00	
VAE		-1,386.294	0.000	3,587,846.73	0.00	
NVNV		-10,336.328	-10,873.782	-1,464,439.192	0.00	
CHUZACHEN		2,611.200	2,735.541	338,059.997	0.00	
14/08/16		BSPHCL	-68,838.294	-71,729.544	-5,293,937.31	-521,625.55
		JUVNL	-16,001.105	-15,099.531	720,307.54	-61,864.09
		DVC	16,397.942	16,292.626	-39,539.68	-103,900.05
		GRIDCO	-20,448.345	-20,273.894	477,730.08	-152,746.39
		SIKKIM	-174.883	-881.246	-1,808,008.25	-70,878.90
	WBSETCL	-41,268.323	-47,043.429	-8,769,076.27	-2,291,822.75	
	NER	1,421.150	-13,891.955	-25,699,031.85	-22,902,761.37	
	NR	-74,681.483	-56,845.419	26,963,986.29	-802,177.92	
	SR	-25,597.783	-12,430.473	25,038,369.38	-181,901.44	
	WR	13,847.913	8,971.855	-8,855,878.53	-6,188,979.07	
	FSPPP-I & II	31,026.568	30,619.367	-643,611.06	0.00	
	KHSTPP-I	15,471.305	15,163.542	-367,582.87	-1,086.49	
	TSTPP	22,543.480	22,379.009	-176,710.63	0.00	
	RANGIT	1,449.000	1,519.687	118,247.21	-1,576.37	
	CHPC	7,170.000	8,517.626	3,032,158.87	0.00	
	KHPC	720.000	2,179.800	2,890,404.00	0.00	
	THPC	25,220.000	21,479.296	-7,406,593.11	0.00	
	KHSTPP-II	25,666.442	25,572.962	41,690.426	0.00	
	FSPPP-III	10,330.980	10,223.396	-139,102.902	0.00	
	TEESTA	0.000	0.218	430.996	-64.73	
	MAITHON R/B	20,825.625	20,847.963	137,870.943	-6,494.97	
	VEDANTA	1,087.568	393.682	-3,079,848.194	-1,904,043.21	
	BARH	21,839.047	21,459.491	-406,115.041	0.00	
	NVNV-NEPAL	-1,197.840	-1,342.224	-248,058.558	0.00	
	APNRL	10,149.840	10,177.818	77,142.616	-2,005.73	
	GMRKEL	10,553.400	10,493.236	99,572.789	0.00	
	JITPL	21,623.588	22,106.182	597,825.760	-100,906.58	
	TP TCL	2,963.520	1,952.249	-1,667,312.74	0.00	
	BRBCL	0.000	-28.036	-48,151.342	0.00	
	TALCHER SOLAR	15.448	30.616	132,763.66	0.00	
	JORETHANG HEP	2,302.320	2,303.416	18,576.79	-287.47	
	IND BARATH	0.000	-19.055	-30,892.59	0.00	
	VAE	-1,364.378	0.000	1,960,045.72	0.00	
	NVNV	-10,330.880	-10,510.763	-318,240.246	0.00	
	CHUZACHEN	2,611.200	2,732.508	210,018.922	-249.20	

SUMMARY OF WEEKLY DEVIATION CHARGES					
	UTILILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 08/08/2016 TO 14/08/16	BSPHCL	-493482.22	-493383.67	-14,291,581.00	-3,802,062.55
	JUVNL	-115081.00	-102442.20	12,156,478.00	-374,935.01
	DVC	130459.70	127890.81	-3,394,382.00	-1,906,537.41
	GRIDCO	-134476.01	-138853.23	-6,000,912.00	-4,522,025.77
	SIKKIM	-7354.18	-7461.42	-98,441.00	-171,680.98
	WBSETCL	-286331.95	-311323.00	-52,052,308.00	-14,353,295.32
	NER	13095.36	-91506.67	-194,342,488.00	0.00
	NR	-571704.98	-430248.87	254,355,246.00	0.00
	SR	-155116.00	-121994.74	71,967,208.00	0.00
	WR	86351.16	50916.36	-59,767,039.00	0.00
	FSPPP-I & II	199836.51	198324.10	-2,345,260.66	-31,426.04
	KHSTPP-I	104190.52	102215.07	-3,307,205.49	-2,777.81
	KHSTPP-II	180405.43	179470.12	-719,423.56	-701.78
	TSTPP	147366.37	146402.27	-1,064,537.92	-9,231.03
	FSPPP-III	63226.51	62782.70	-550,758.18	0.00
	TEESTA	71103.00	72931.20	3,460,634.00	-8,997.08
	MAITHON R/B	125394.44	125980.11	1,950,277.28	-17,298.74
	VEDANTA	42299.94	35025.73	-14,872,769.00	-5,293,315.22
	RANGIT	10143.00	10650.78	884,540.00	-8,727.70
	BARH	148093.08	144114.32	-7,632,892.85	-1,160,753.12
	NVNV-NEPAL	-8306.15	-9362.96	-2126856.22	-10749.95
	APNRL	71012.56	71310.98	899,605.00	-4,538.95
	GMRKEL	70701.91	70465.82	1,069,045.00	-44,208.98
	JITPL	140684.62	144140.43	5,281,448.52	-123,604.20
	TP TCL	20516.40	14773.75	-1085895.33	0.00
	BRBCL	0.00	-236.07	-453612.50	0.00
	TALCHER SOLAR	117.03	165.41	419312.44	0.00
	JORETHANG HEP	15723.41	16718.48	1901754.84	-61389.69
	IND BARATH	0.00	-189.38	-369157.69	0.00
	VAE	-12086.07	0.00	22470367.51	0.00
	NVNV-BD	-73221.45	-74875.56	-3,525,197.00	-4,715.80
	CHUZACHEN	18091.76	18785.50	1,338,505.00	-14,253.35

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

EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033

Format -AS7: RRAS Settlement Account by ERPC

Date: 25/08/16

RRAS Account for Week: 08.08.16 TO 14.08.16

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	2185.36398	1722067	5255800	1092682	8070549
2	FSTPP-III	812.49269	1336957	1782609	406246	3525812
3	KhSTPP-I	2469.86362	2306853	5754782	1234932	9296567
4	KhSTPP-II	4977.80569	5759321	11055706	2488903	19303930
5	TSTPP-I	606.24368	480145	1102151	303122	1885418
6	BARH STPP-II	2290.48412	4374825	6030845	1145242	11550911

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	289.078429	695233.62102	521425.21576
2	FSTPP-III	17.250000	37846.50000	28384.87500
3	KhSTPP-I	160.000000	372800	279600
4	KhSTPP-II	75.621730	167956	125967
5	TSTPP-I	49.000000	89082	66812
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	2185.363979	74842	BSEB
			456897	JSEB
			82453	DVC
			433873	GRIDCO
			144439	WBSEB
			160069	SIKKIM
			12471	UP
			110358	DELHI
			87561	PUNJAB.
			80205	RAJASTHAN
			37075	HARYANA
			5328	ASSAM
			36495	AR.PRADESH
2	FSTPP III	812.492686	210024	BSEB
			199032	JSEB
			451164	DVC
			362870	GRIDCO
			100658	WBSEB
			13208	ASSAM
3	KhSTPP-I	2469.863618	345889	BSEB
			48278	JSEB
			76885	DVC
			425203	GRIDCO
			159152	SIKKIM
			44985	UP
			369831	DELHI
			265708	PUNJAB.
			318432	RAJASTHAN
			212609	HARYANA
			9576	ASSAM
			30305	AR.PRADESH
4	KhSTPP-II	4977.805690	250966	BSEB
			28109	JSEB
			130553	DVC
			110952	GRIDCO
			53806	SIKKIM
			46710	UTTARANCHAL
			948995	DELHI
			67203	PUNJAB.
			1035257	RAJASTHAN
			383036	HARYANA
			914672	M.P
			50529	CHHATISGARH
			521189	MAHA RASHTRA
			1201642	GUJRAT
			15703	ASSAM
5	TSSTPP-I	606.243683	240968	JSEB
			145701	DVC
			22236	SIKKIM
			41106	ASSAM
			30133	AR.PRADESH
6	BARH STPP-II	2290.484116	1421444	BSEB
			453156	JSEB
			2170533	GRIDCO
			329692	SIKKIM

A) RRAS settlement account for the week 08.08.16 TO 14.08.16 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.

F)Fixed rate of FSTPP-III has not furnished in AS-1 Format for latest month,So the previous rate has been used for calculation of Fixed charge .