



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: 01.08.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 11.07.2016 to 17.07.2016

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/-
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, Chandrashekharapur, 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 11.07.16 TO 17.07.16
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	60.43635	24.94695	85.38330	SIKKIM	53.30622	2.54114	50.76508
JUVNL	24.76665	13.58306	38.34971	NR	134.11079	0.00000	134.11079
DVC	121.57359	20.96624	142.53983	SR	404.41219	0.00000	404.41219
GRIDCO	60.25078	13.33011	73.58089	WR	1178.17033	0.00000	1178.17033
WBSETCL	237.15087	22.29371	259.44458	TALCHER SOLAR	1.05962	0.00000	1.05962
NER	1440.29585	0.00000	1440.29585	RANGIT	4.06629	0.24118	3.82512
FSTPP-I & II	45.39398	2.20537	47.59934	IND BARATH	286.68369	0.00000	286.68369
BRBCL	3.52564	0.00000	3.52564	JORETHANG LOOP HEP	6.00711	3.37044	2.63667
KHSTPP-I	49.57663	0.01160	49.58823	GMRKEL	6.30975	0.14385	6.16589
TSTPP	16.20872	0.24555	16.45427	CHUZACHEN	11.33387	0.65985	10.67402
NVVN-NEPAL	12.13650	0.17823	12.31473	TEESTA	49.50953	0.66475	48.84478
TPTCL	51.19042	5.30758	56.49800	JITPL	21.55768	1.39418	20.16349
KHSTPP-II	3.82679	0.06758	3.89437	MAITHON R/B	14.31471	0.18099	14.13372
FSTPP-III	7.71320	0.13935	7.85255				
VEDANTA	30.56093	0.00000	30.56093				
APNRL	1.59598	0.09166	1.68764				
NVVN-BD	2.98480	0.12913	3.11393				
BARH	57.57094	7.15082	64.72177				
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	55.91685		
TOTAL	2226.75863	110.64694	2337.40557		2226.75863	9.19638	2161.64541

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

119.84332

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 - Bongaijaon 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 11/07/16-17/07/16 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 1.96% 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 (GATT) 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 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.
- xxvi) 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.

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 11/07/2016 to 17/07/2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN. TOTAL IN MWH	Deviation Charge In Rs.	Additional Deviation Charge In Rs.
11/07/16	BSPHCL	-69,766.910	-69,628.317	-732,920.04	
	JUVNL	-15,185.870	-15,523.371	-459,298.71	-516,180.86
	DVC	23,991.768	21,569.580	-2,675,433.58	-80,752.43
	GRIDCO	-25,668.553	-28,009.886	-3,188,083.79	-219,350.45
	SIKKIM	-1,426.808	-1,049.092	522,482.16	-329,030.58
	WBSETCL	-32,519.869	-35,482.504	-3,894,617.41	-9,205.63
	NER	3,996.540	-8,887.665	-17,246,415.67	-586,707.11
	NR	-63,816.612	-65,063.686	-1,942,925.59	-15,016,118.47
	SR	-18,597.653	-11,714.472	9,741,340.49	-1,751,155.42
	WR	-8,198.343	9,217.220	22,336,684.26	-84,244.02
	FSPPP-I & II	28,311.650	27,824.760	-710,543.66	-843,183.19
	KHSTPP-I	15,447.704	14,881.922	-713,260.50	0.00
	TSPP	19,002.279	18,492.652	-642,408.43	-330.14
	RANGIT	972.000	999.492	29,205.98	-22,156.70
	CHPC	7,200.000	8,658.235	3,281,028.80	-1,698.83
	KHPC	1,680.000	2,213.622	1,056,571.56	0.00
	THPC	25,920.000	21,882.277	-7,994,692.49	0.00
	KHSTPP-II	16,839.533	16,712.674	-22,453.73	0.00
	FSPPP-III	8,553.036	8,424.984	-139,304.16	0.00
	TEESTA	12,144.000	12,479.636	554,796.17	0.00
	MAITHON R/B	19,477.750	19,330.654	-11,932.64	0.00
	VEDANTA	0.000	-307.636	-392,933.183	0.00
	BARH	22,877.065	22,687.309	-227,169.434	-8,099.75
	NVVN-NEPAL	-1,201.920	-1,319.674	-148,984.579	0.00
	APNRL	10,984.578	10,934.982	-42,189.183	0.00
	GMRKEL	7,294.640	7,142.691	-2,358.689	-361.886
	JITPL	21,953.918	21,922.400	171,456.36	-4,299.91
	TP TCL	2,620.487	2,198.512	-574,339.51	-37.86
	BRBCL	0.000	-23.654	-32,126.147	0.00
	TALCHER SOLAR	19.731	11.746	-76,542.39	0.00
	JORETHANG HEP	2,303.040	2,503.040	278,032.92	-4,777.52
	IND BARATH	0.000	-75.927	-106,405.93	0.00
	NVVN	-10,817.740	-10,821.963	6,647.431	-822.04
CHUZACHEN	2,611.680	2,736.693	170,459.622	-2,358.50	
12/07/16	BSPHCL	-67,171.966	-68,035.125	-1,812,715.88	-95,319.91
	JUVNL	-15,552.348	-15,150.500	12,257.77	-374,266.82
	DVC	23,717.101	23,169.140	-575,876.90	-39,457.14
	GRIDCO	-23,772.963	-25,577.174	-2,272,137.17	-502,303.14
	SIKKIM	-994.628	-1,074.295	-140,598.08	0.00
	WBSETCL	-33,989.564	-36,470.945	-3,802,124.81	-252,135.55
	NER	5,177.213	-6,207.917	-17,638,721.07	-15,130,550.29
	NR	-63,696.303	-65,978.839	-1,935,951.55	-3,922,381.48
	SR	-9,110.690	-12,524.582	-5,454,519.58	-5,615,231.98
	WR	-16,405.300	9,748.579	37,054,640.14	-691,398.07
	FSPPP-I & II	27,955.914	27,634.054	-502,550.36	0.00
	KHSTPP-I	15,673.788	15,212.149	-625,440.26	0.00
	TSPP	10,838.173	10,659.644	-118,901.97	-2,397.80
	RANGIT	1,394.000	1,436.930	74,313.26	-773.23
	CHPC	6,960.000	8,642.246	3,785,053.89	0.00
	KHPC	2,184.000	2,033.431	-298,126.22	0.00
	THPC	25,728.000	21,841.867	-7,694,542.72	0.00
	KHSTPP-II	16,436.847	16,378.297	-68,244.612	0.00
	FSPPP-III	8,667.634	8,606.381	-104,157.373	0.00
	TEESTA	12,144.000	12,505.309	679,876.558	-129.45
	MAITHON R/B	20,494.750	20,381.491	-98,021.170	0.00
	VEDANTA	0.000	-423.773	-634,315.094	0.00
	BARH	23,947.596	23,505.600	-605,046.109	-395.33
	NVVN-NEPAL	-1,201.920	-1,319.674	-148,984.579	0.00
	APNRL	10,611.840	10,600.145	14,769.784	0.00
	GMRKEL	6,936.220	6,830.254	26,868.296	-1,967.34
	JITPL	22,100.023	22,188.800	372,889.826	0.00
	TP TCL	2,647.875	1,917.180	-1,217,813.35	-901.47
	BRBCL	0.000	-29.273	-44,785.522	0.00
	TALCHER SOLAR	19.731	20.208	4,094.253	0.00
	JORETHANG HEP	2,303.040	2,500.968	295,669.539	-3,819.88
	IND BARATH	0.000	294.473	427,197.145	0.00
	NVVN	-10,677.040	-10,829.491	-235,992.575	0.00
CHUZACHEN	2,611.680	2,735.622	191,419.634	-259.88	
13/07/16	BSPHCL	-71,663.579	-71,154.421	1,022,794.49	-31,179.31
	JUVNL	-15,552.348	-15,083.850	11,096,141.62	-21,496.96
	DVC	24,936.022	22,832.941	-3,505,369.48	-367,841.17
	GRIDCO	-27,458.011	-28,335.450	-870,866.04	-18,259.12
	SIKKIM	-1,262.415	-1,123.047	229,657.16	-18,675.23
	WBSETCL	-39,026.172	-41,503.967	-4,928,422.35	-867,278.78
	NER	5,574.915	-9,529.722	-27,147,573.62	-24,152,562.87
	NR	-62,225.671	-65,279.559	8,211,301.13	-730,954.53
	SR	-15,101.388	-10,013.527	9,140,953.52	-1,169,712.16
	WR	-13,816.860	-5,620.222	12,397,166.84	-1,022,306.77
	FSPPP-I & II	29,887.388	29,586.015	-358,886.94	0.00
	KHSTPP-I	16,280.812	15,731.294	-971,913.19	0.00
	TSPP	22,460.415	22,341.326	-117,632.13	0.00
	RANGIT	1,249.000	1,306.784	85,099.25	-9,374.19
	CHPC	6,984.000	8,660.279	3,771,626.89	0.00
	KHPC	1,440.000	2,024.161	1,156,639.18	0.00
	THPC	25,776.000	21,887.441	-7,699,346.07	0.00
	KHSTPP-II	18,582.110	18,382.158	-167,218.201	-318.59
	FSPPP-III	9,122.437	9,120.366	19,727.669	-1,864.66
	TEESTA	12,144.000	12,538.109	770,667.126	0.00
	MAITHON R/B	19,527.875	19,615.636	284,152.851	-273.06
	VEDANTA	0.000	-271.045	-489,719.086	0.00
	BARH	23,606.250	23,498.836	-46,860.899	0.00
	NVVN-NEPAL	-1,201.920	-1,345.728	-252,698.184	0.00
	APNRL	10,611.840	10,636.873	61,609.707	-1,138.79
	GMRKEL	6,936.220	7,044.509	345,015.198	0.00
	JITPL	22,822.550	22,798.691	188,359.73	0.00
	TP TCL	2,566.680	1,631.734	-1,787,521.65	-36,059.94
	BRBCL	0.000	-33.982	-60,275.414	0.00
	TALCHER SOLAR	19.731	24.488	42,258.877	0.00
	JORETHANG HEP	2,303.040	2,502.640	366,335.182	-1,114.28
	IND BARATH	0.000	4,138.691	5,928,267.175	0.00
	NVVN	-10,781.153	-10,817.018	-64,032.984	0.00
CHUZACHEN	2,611.680	2,736.981	228,322.467	-1,429.34	
14/07/16	BSPHCL	-71,187.737	-72,353.334	-2,692,851.55	-35,701.58
	JUVNL	-17,484.563	-16,678.873	1,387,241.49	-1,340.07
	DVC	28,281.726	25,614.595	-4,336,559.43	-794,781.79
	GRIDCO	-27,675.841	-28,750.670	-2,169,111.52	-93,698.55
	SIKKIM	-1,481.415	-1,126.307	684,798.68	0.00
	WBSETCL	-42,034.007	-42,036.293	341,273.89	-7,417.34
	NER	4,626.323	-10,906.509	-33,873,711.26	-30,365,822.54
	NR	-65,342.123	-58,697.018	15,453,489.79	-2,523.44
	SR	-13,882.073	-9,821.163	9,047,889.09	-941,243.77
	WR	-15,157.945	-8,848.857	11,606,611.39	-1,711,029.00
	FSPPP-I & II	34,153.396	33,509.567	-1,410,722.22	0.00
	KHSTPP-I	17,345.208	16,735.432	-1,178,327.69	0.00
	TSPP	22,427.961	22,311.204	-165,267.61	0.00
	RANGIT	1,389.000	1,422.876	66,588.34	0.00
	CHPC	6,779.000	8,593.434	4,082,475.43	0.00
	KHPC	1,440.000	2,101.331	1,309,434.98	0.00
	THPC	25,543.500	21,718.501	-7,573,497.42	0.00
	KHSTPP-II	18,542.445	18,483.805	7,376.24	0.00
	FSPPP-III	10,295.330	10,208.869	-150,767.24	0.00
	TEESTA	12,144.000	12,604.836	960,887.81	0.00
	MAITHON R/B	20,399.250	20,620.872	678,187.74	0.00
	VEDANTA	0.000	-205.545	-443,814.31	0.00
	BARH	23,999.585	23,756.509	-495,517.700	0.00
	NVVN-NEPAL	-1,201.920	-1,338.086	-268,785.411	0.00
	APNRL	10,604.285	10,644.873	118,943.43	0.00
	GMRKEL	7,553.290	7,617.673	181,196.86	0.00
	JITPL	20,030.608	20,484.509	655,927.42	-17,375.99
	TP TCL	2,534.800	1,727.655	-1,748,016.15	-26,632.20
	BRBCL	0.000	-38.691	-82,196.382	0.00
	TALCHER SOLAR	19.731	25.127	46,941.20	0.00
	JORETHANG HEP	2,303.040	2,504.160	424,015.97	0.00
	IND BARATH	0.000	3,612.509	5,193,172.21	0.00
	NVVN	-10,790.125	-10,813.927	-39,342.30	0.00
CHUZACHEN	2,611.680	2,738.628	269,110.38	0.00	

ERPC, KOLKATA
Day-wise schedule, actual and Deviation charge statement
From 11/07/2016 to 17/07/2016

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAVAL/GEN. TOTAL IN MWH	Deviations Charge in Rs.	Additional Deviation Charge in Rs.
15/07/16	BSPHCL	-68,355.384	-66,666.592	1,581,559.19	-340,014.86
	JUVNL	-17,481.818	-16,615.025	735,979.64	-169,361.58
	DVC	30,904.309	29,042.053	-2,950,146.04	-326,045.33
	GRIDCO	-27,132.623	-27,288.182	593,075.97	-18,107.76
	SIKIM	-1,596.755	-1,089.181	1,034,136.29	-5,377.74
	WBSETCL	-41,953.832	-43,404.763	-3,000,290.74	-218,401.33
	NER	3,448.993	-11,697.227	-31,135,090.77	-27,767,863.65
	NR	-63,392.904	-66,665.899	-7,301,105.47	-3,073,141.68
	SR	-18,280.478	-13,380.145	10,504,666.30	-42,429.80
	WR	-14,810.192	-4,876.257	19,299,249.66	-1,538,704.93
	FSPPP-I & II	31,908.704	31,673.097	-418,041.57	-24,361.56
	KHSTPP-I	16,848.723	16,286.868	-825,554.58	0.00
	TSPPP	21,870.000	21,768.031	-90,491.25	0.00
	RANGIT	1,449.000	1,476.209	54,309.22	-677.11
	CHPC	6,000.000	8,578.267	5,801,101.45	0.00
	KHPC	1,200.000	2,299.367	2,176,746.26	0.00
	THPC	25,008.000	21,680.171	-6,589,101.07	0.00
	KHSTPP-II	18,332.161	18,207.728	-33,125.075	0.00
	FSPPP-III	10,390.607	10,298.902	-193,050.768	0.00
	TEESTA	12,144.000	12,636.763	1,010,439.267	-7,896.72
	MAITHON R/B	19,642.750	19,786.509	458,759.238	0.00
	VEDANTA	0.000	249.409	-493,556.564	0.00
	BARH	24,311.992	22,999.200	-2,509,654.928	-256,698.41
	NVVN-NEPAL	-1,201.920	-1,282.502	-140,198.343	0.00
	APNRL	10,392.248	10,345.745	1,519.099	0.00
	GMRKEL	7,613.100	7,646.327	200,930.782	-449.21
	JITPL	23,599.183	23,964.291	768,769.691	-14,718.09
	TP TCL	2,482.865	2,879.295	739,074.85	-20,380.13
	BRBCL	0.000	-35.127	-71,271.192	0.00
	TALCHER SOLAR	19.634	23.613	37,152.78	0.00
	JORETHANG HEP	2,303.040	2,496.096	392,702.18	-3,307.24
	IND BARATH	0.000	2,674.254	3,907,207.92	0.00
	NVVN	-10,806.898	-10,820.000	-20,170.163	0.00
CHUZACHEN	2,611.680	2,738.097	259,671.412	-1,557.50	
BSPHCL	-60,986.646	-60,937.804	-1,951,751.44	-816,414.04	
JUVNL	-17,649.030	-18,072.276	-892,562.37	-430,873.83	
DVC	33,650.308	32,779.811	-1,042,563.29	-39,672.13	
GRIDCO	-25,831.299	-26,836.963	-624,084.54	-40,199.70	
SIKIM	-1,301.288	-919.074	539,217.51	-39,578.34	
WBSETCL	-38,536.739	-40,932.059	-2,165,787.22	-126,437.16	
NER	3,989.175	-5,157.687	-12,258,281.56	-10,077,685.72	
NR	-59,815.046	-58,520.452	1,707,781.62	-2,425,845.01	
SR	-17,201.223	-13,225.382	4,152,253.20	-1,243,088.29	
WR	-20,054.662	-12,887.269	8,632,170.59	-1,002,170.74	
FSPPP-I & II	29,350.793	28,988.209	-498,583.43	-3,739.69	
KHSTPP-I	15,668.229	15,277.386	-429,776.37	0.00	
TSPPP	21,680.755	21,619.261	-279,146.07	0.00	
RANGIT	609.000	643.770	72,938.90	-694.20	
CHPC	3,584.400	7,153.336	8,030,105.79	0.00	
KHPC	960.000	1,942.250	1,944,855.79	0.00	
THPC	25,248.000	18,078.890	-14,194,838.76	0.00	
KHSTPP-II	17,229.636	17,111.036	-48,027.414	0.00	
FSPPP-III	9,365.664	9,263.354	-117,849.971	-72.89	
TEESTA	12,144.000	12,599.782	618,585.651	-19,547.61	
MAITHON R/B	19,131.875	19,098.254	244,715.544	-8,558.15	
VEDANTA	0.000	-272.545	-363,381.674	0.00	
BARH	18,549.400	17,463.709	-1,385,196.179	-414,912.36	
NVVN-NEPAL	-1,201.920	-1,317.053	-112,202.241	0.00	
APNRL	10,649.610	10,579.782	-30,679.795	-1,701.03	
GMRKEL	6,238.690	6,077.891	-25,019.611	-11,027.84	
JITPL	23,164.215	23,144.509	260,317.909	-10,694.46	
TP TCL	2,781.892	2,734.813	-259,302.72	-152,965.50	
BRBCL	0.000	-30.036	-38,943.302	0.00	
TALCHER SOLAR	19.437	19.979	5,059.89	0.00	
JORETHANG HEP	2,303.040	1,228.312	-1,204,066.05	-302,865.06	
IND BARATH	0.000	7,198.909	8,036,046.07	0.00	
NVVN	-10,858.270	-10,848.909	16,294.186	-993.98	
CHUZACHEN	2,611.680	2,648.115	-9,563.184	-58,229.64	
BSPHCL	-58,339.664	-54,887.849	2,048,569.33	-659,884.92	
JUVNL	-17,508.525	-16,836.380	317,805.68	-280,214.06	
DVC	29,376.136	28,031.386	-1,871,769.94	-309,476.47	
GRIDCO	-24,155.502	-26,938.958	-2,134,791.24	-331,412.20	
SIKIM	-1,569.320	-865.029	586,829.11	-181,276.68	
WBSETCL	-35,955.122	-39,678.016	-2,890,397.48	-170,993.41	
NER	6,791.040	1,050.736	-4,729,791.36	-4,245,614.81	
NR	-53,045.705	-55,252.665	-781,510.57	-1,173,993.56	
SR	-15,055.143	-11,093.236	3,308,635.81	-1,424,377.42	
WR	-21,236.019	-12,807.333	6,490,409.74	-2,474,242.12	
FSPPP-I & II	25,243.638	24,930.845	-640,049.46	-192,435.49	
KHSTPP-I	13,890.636	13,658.215	-213,390.22	-830.30	
TSPPP	20,712.120	20,268.568	-207,024.78	0.00	
RANGIT	1,449.000	1,482.868	24,174.38	-10,900.01	
CHPC	7,420.000	8,602.873	2,661,463.89	0.00	
KHPC	2,268.000	2,166.091	-201,779.42	0.00	
THPC	25,770.000	21,742.358	-7,974,731.89	0.00	
KHSTPP-II	15,989.086	15,871.084	-50,986.537	-6,439.25	
FSPPP-III	8,716.279	8,622.136	-85,918.340	-11,997.68	
TEESTA	12,144.000	12,514.072	355,700.124	-38,901.04	
MAITHON R/B	18,191.250	17,894.072	-124,389.532	-8,327.55	
VEDANTA	0.000	-279.500	-282,975.875	0.00	
BARH	11,906.403	11,258.509	-487,649.139	-34,976.33	
NVVN-NEPAL	-1,201.920	-1,248.826	-51,580.842	-17,822.78	
APNRL	9,898.170	9,620.073	-283,570.894	-6,325.87	
GMRKEL	6,905.910	5,675.782	-100,375.627	-579.11	
JITPL	20,924.608	20,389.309	-261,933.117	-92,330.04	
TP TCL	2,719.760	2,730.803	-271,123.48	-293,781.10	
BRBCL	0.000	-25.636	-22,966.349	0.00	
TALCHER SOLAR	20.409	25.808	46,997.80	0.00	
JORETHANG HEP	2,303.040	2,288.288	46,021.05	-21,159.64	
IND BARATH	0.000	6,475.782	5,282,884.52	0.00	
NVVN	-10,888.180	-10,844.618	38,116.446	-11,097.14	
CHUZACHEN	1,849.940	1,839.942	23,961.010	-2,150.24	

SUMMARY OF WEEKLY DEVIATION CHARGES					
	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 11/07/2016 TO 17/07/16	BSPHCL	-467471.89	-463663.44	-6,043,635.00	-2,494,695.48
	JUVNL	-116424.78	-114960.28	-2,476,665.00	-1,358,305.76
	DVC	194857.37	183459.51	-12,157,359.00	-2,096,624.48
	GRIDCO	-181694.79	-191737.28	-6,025,078.00	-1,333,011.05
	SIKIM	-9632.63	-7246.03	5,330,622.00	-254,113.61
	WBSETCL	-264015.30	-279508.55	-23,715,087.00	-2,229,370.68
	NER	33604.20	-51335.99	-144,029,585.00	0.00
	NR	-431834.36	-428458.12	13,411,079.00	0.00
	SR	-107226.65	-81722.61	40,441,219.00	0.00
	WR	-109679.32	-26074.54	117,817,033.00	0.00
	FSPPP-I & II	206811.48	204146.55	-4,539,397.64	-220,536.73
	KHSTPP-I	111175.10	107783.27	-4,957,662.80	-1,160.45
	KHSTPP-II	121951.82	121146.78	-382,679.33	-6,757.84
	TSPPP	199191.70	137460.69	-1,620,872.23	-24,554.50
	FSPPP-III	65110.99	64544.99	-771,320.18	-13,935.24
	TEESTA	85008.00	87878.51	4,950,953.00	-66,474.83
	MAITHON R/B	136865.50	136727.49	1,431,471.46	-18,099.32
	VEDANTA	0.00	-2009.45	-3,056,093.00	0.00
	RANGIT	8511.00	8768.93	406,629.00	-24,117.58
	BARH	149198.29	145169.67	-5,757,094.39	-715,082.19
	NVVN-NEPAL	-8413.44	-9206.06	-121,365.026	-17,822.78
	APNRL	73752.57	73362.47	-159,598.00	-9,165.69
	GMRKEL	48568.07	48035.13	630,975.00	-14,385.35
	JITPL	154595.10	154892.51	2,155,167.45	-139,418.48
	TP TCL	18354.36	15819.99	-5119042.00	-530758.20
	BRBCL	0.00	-216.40	-352564.31	0.00
TALCHER SOLAR	138.40	150.97	105962.40	0.00	
JORETHANG HEP	16121.28	16023.50	600710.79	-337043.62	
IND BARATH	0.00	24318.09	2866369.11	0.00	
NVVN-BD	-75619.41	-75795.93	-298,480.00	-12,913.15	
CHUZACHEN	17520.02	18174.08	1,133,387.00	-65,985.10	

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:01/08/16

RRAS Account for Week: 11.07.16 TO 17.07.16

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	973.92672	767454	2209703	486963	3464120
2	FSTPP-III	263.36697	433370	577827	131683	1142881
3	KhSTPP-I	744.57711	695435	1711366	372289	2779090
4	KhSTPP-II	3203.87942	3706888	7042855	1601940	12351683
5	TSTPP-I	381.98500	302532	633071	190993	1126596
6	BARH STPP-II	2097.17883	4005612	5716909	1048589	10771110

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	306.093514	736155	552116
2	FSTPP-III	61.710760	135393	101545
3	KhSTPP-I	316.615000	737713	553285
4	KhSTPP-II	124.890000	277381	208036
5	TSTPP-I	314.750000	572216	429162
6	BARH STPP-II	145.214837	382351	286763

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	973.926721	107050	BSEB
			137974	JSEB
			65318	WBSEB
			82760	SIKKIM
			72975	UP
			114386	DELHI
			43939	PUNJAB.
			79727	RAJASTHAN
			23230	HARYANA
			34462	ASSAM
			5633	ARUNACHAL
2	FSTPP III	263.366966	194801	BSEB
			186927	JSEB
			39415	WBSEB
			12227	ASSAM
3	KhSTPP-I	744.577106	115454	BSEB
			8734	JSEB
			59093	SIKKIM
			23519	UP
			146889	DELHI
			50395	PUNJAB.
			198825	RAJASTHAN
			73217	HARYANA
			16617	ASSAM
			2692	ARUNACHAL
4	KhSTPP-II	3203.879418	50854	BSEB
			10276	JSEB
			27949	SIKKIM
			9021	UP
			381534	DELHI
			59064	PUNJAB.
			917006	RAJASTHAN
			206948	HARYANA
			782	HP
			848404	M.P
			1022	CHHATISGARH
			686414	MAHA RASHTRA
			447418	GUJRAT
			60196	ASSAM
5	TSSTPP-I	381.985002	2041	BSEB
			202074	JSEB
			12870	DVC
			1924	ARUNACHAL
6	BARH STPP-II	2097.178829	83623	ASSAM
			1557750	BSEB
			1722023	JSEB
			725839	SIKKIM

A) RRAS settlement account for the week 11.07.16 TO 17.07.16 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-1

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.