



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



आई एस ओ : 9001-2000  
ISO: 9001-2000

Tel No. :033-24235199, 24235005 FAX No.:033-24221802, 24171358 Web: [www.erpc.gov.in](http://www.erpc.gov.in)

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

Date: 15.09.2016

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 22.08.2016 to 28.08.2016**

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,

-Sd/-  
(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, 3<sup>rd</sup> Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JSEB, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JSEB, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (CLD), DVC, Maithon Dam, Dist. Dhanbad, Jharkhand-7 (Fax: 06540-274836 / 274838).
7. Sr. GM(PP), GRIDCO, 4<sup>th</sup> floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. CE (Trans.), Deptt. Of Power, Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (CLD), WBSETCL, PO. Danesh Sheikh Lane, Howrah-9. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayak Jaiprakash Bhawan, 2<sup>nd</sup> floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807 )
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa ( Jharkhand) – 832 105 ( FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1<sup>st</sup> Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
25. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
26. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneshwar- 751 007(Fax: 0674- 2572794)
27. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
28. AGM, SO, NVVN, Core-3, 7<sup>th</sup> floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
31. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

**ABT based Deviation Charge Account  
For the period 22.08.16 TO 28.08.16**  
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	247.41688	75.08245	322.49933	GRIDCO	117.05373	8.38638	108.66735
JUVNL	59.15804	18.53333	77.69137	SIKKIM	48.96613	0.22955	48.73658
DVC	51.05528	15.73440	66.78968	NR	3589.11171	0.00000	3589.11171
WBSETCL	309.21083	45.90089	355.11172	SR	174.63322	0.00000	174.63322
NER	3041.44126	0.00000	3041.44126	WR	54.79524	0.00000	54.79524
FSTPP-I & II	73.64313	0.25529	73.89842	TSTPP	2.60812	1.00297	1.60516
BRBCL	4.35262	0.00000	4.35262	RANGIT	9.49510	0.05767	9.43743
KHSTPP-I	40.85773	0.00705	40.86477	JORETHANG LOOP HEP	16.30643	0.39096	15.91547
TALCHER SOLAR	1.44059	0.00000	1.44059	GMRKEL	12.74259	0.14153	12.60106
NVVN-NEPAL	21.92517	0.10973	22.03489	TEESTA	9.23060	0.02848	9.20212
IND BARATH	2.81513	0.00000	2.81513	JITPL	38.10311	1.49706	36.60605
TPTCL	147.29804	2.19386	149.49190	MAITHON R/B	20.01420	0.08390	19.93030
KHSTPP-II	34.77629	0.01762	34.79391	APNRL	2.23261	0.49146	1.74115
FSTPP-III	32.73886	0.04825	32.78710	NVVN-BD	19.71888	0.14060	19.57828
CHUZACHEN	3.39611	0.02668	3.42278				
VEDANTA	335.76875	196.39033	532.15909				
BARH	127.62697	14.06545	141.69242				
				VIRTUAL ANCILLIARY ENTITY OF EASTERN REGI	424.98783	0.00000	424.98783
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-5.07784	0.00000	-5.07784
<b>TOTAL</b>	<b>4534.92167</b>	<b>368.36533</b>	<b>4903.28700</b>		<b>4534.92167</b>	<b>12.45056</b>	<b>4522.47110</b>

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

**380.81589**

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.

- iii) Deviation charges for the week 22/08/16-28/08/16 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 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 (GAT) 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.
- 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.
- xxviii) As per SOR of CERC(Ancillary Services Operation) Regulation 2015, DSM accounting of VAE has been done and reflected accordingly.

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 22/08/2016 to 28/08/2016**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN. TOTAL IN MWH	Deviation Charge in Rs-	Additional Deviation Charge in Rs.
22/08/16	<b>BSPHCL</b>	<b>-60,864.389</b>	<b>-55,288.111</b>	<b>4,722,047.63</b>	<b>-351,088.12</b>
	JUVNL	-13,934.020	-10,969.524	2,881.681.33	0.00
	DVC	18,300.305	19,214.259	1,765.482.34	-18,089.31
	GRIDCO	-22,031.730	-21,060.247	2,702.780.50	-249.04
	SIKKIM	-1,114.823	-1,130.786	-51.765.01	0.00
	WBSETCL	-38,827.238	-35,905.993	1,710,285.41	-503,132.67
	NER	244.130	-19,074.645	-47,993,980.05	-43,916,944.29
	NR	-78,962.847	-61,141.702	44,627,163.69	0.00
	SR	-26,669.968	-26,780.000	-153,537.36	-1,976,342.51
	WR	8,280.618	2,214.489	-22,372,903.95	-20,878,094.34
	FSPPP-I & II	28,347.483	28,295.340	-54.954.72	0.00
	KHSTPP-I	11,309.911	11,167.431	-266,702.59	0.00
	TSTPP	20,410.869	20,604.877	638,747.25	0.00
	RANGIT	1,449.000	1,516.838	159,970.19	0.00
	CHPC	6,988.600	8,498.370	3,396,982.59	0.00
	KHPC	1,440.000	2,175.847	1,456,977.46	0.00
	THPC	24,780.700	21,430.737	-6,632,926.07	0.00
	KHSTPP-II	26,915.401	26,806.792	-50,247.98	0.00
	FSPPP-III	8,658.605	8,624.495	-70,133.07	0.00
	TEESTA	12,096.000	12,162.182	171,204.71	0.00
	MAITHON R/B	18,420.750	18,724.327	740,459.03	0.00
	VEDANTA	9,089.250	5,285.136	-9,992,524.773	-6,104,381.69
	BARH	20,200.780	19,591.527	-1,425,302.436	-366,423.20
	NVVN-NEPAL	-1,198.320	-1,308.355	-258,551.543	0.00
	APNRL	5,173.580	5,234.327	202,548.200	0.00
	GMRKEL	9,586.350	9,598.691	171,346.103	0.00
	JITPL	25,073.900	25,500.800	826,346.49	0.00
	TP TCL	2,962.320	2,553.431	-990,962.58	0.00
	BRBCL	0.000	-21.600	-54,619.052	0.00
	TALCHER SOLAR	41.290	17.611	-235,795.46	0.00
	JORETHANG HEP	1,920.240	2,426.008	1,289,121.69	-6,163.24
	IND BARATH	0.000	-19.564	-49,621.71	0.00
	VAE	-4,440.536	0.000	9,380,226.56	0.00
NVVN	-10,348.430	-10,177.018	405,500.381	0.00	
CHUZACHEN	2,211.830	2,233.665	71,377.346	0.00	
23/08/16	<b>BSPHCL</b>	<b>-64,829.793</b>	<b>-64,564.345</b>	<b>206,294.52</b>	<b>-1,422.57</b>
	JUVNL	-14,992.133	-14,618.166	861,904.45	-65,090.00
	DVC	18,390.582	17,802.956	-1,123,363.30	-408,832.85
	GRIDCO	-26,912.884	-25,337.139	4,440,295.06	-15,786.93
	SIKKIM	-1,504.459	-1,143.014	992,400.50	0.00
	WBSETCL	-44,849.183	-44,568.160	-4,213,983.75	-100,732.74
	NER	-412.300	-24,886.454	-69,600,752.65	-64,255,011.85
	NR	-77,758.824	-56,941.033	56,609,292.82	0.00
	SR	-20,679.420	-26,866.618	-17,806,738.55	-10,096,665.19
	WR	-3,058.938	7,503.578	28,589,047.62	-112,610.71
	FSPPP-I & II	34,003.027	33,495.652	-1,112,850.82	0.00
	KHSTPP-I	13,713.931	13,227.286	-1,166,873.43	0.00
	TSTPP	22,632.191	22,636.045	75,864.92	0.00
	RANGIT	1,449.000	1,527.504	226,397.77	0.00
	CHPC	6,988.600	8,514.683	3,433,686.89	0.00
	KHPC	1,440.000	2,079.508	1,266,225.05	0.00
	THPC	24,780.700	21,471.875	-6,551,474.20	0.00
	KHSTPP-II	29,943.786	29,724.602	-354,728.170	0.00
	FSPPP-III	10,132.442	9,994.293	-291,563.446	0.00
	TEESTA	12,096.000	12,155.018	174,028.937	0.00
	MAITHON R/B	21,443.375	21,779.891	892,112.883	0.00
	VEDANTA	9,089.250	5,329.591	-10,445,538.178	-6,406,599.63
	BARH	23,962.661	23,369.781	-1,485,678.823	-7,295.59
	NVVN-NEPAL	-1,198.320	-1,307.750	-295,883.318	0.00
	APNRL	5,552.853	5,634.545	273,199.279	0.00
	GMRKEL	8,416.355	8,644.436	578,612.068	-12,586.53
	JITPL	25,429.490	25,897.091	1,431,607.983	0.00
	TP TCL	2,962.320	2,004.136	-2,697,864.76	-79.45
	BRBCL	0.000	-33.400	-93,490.535	0.00
	TALCHER SOLAR	41.290	34.243	-67,608.824	0.00
	JORETHANG HEP	2,303.760	2,377.232	250,475.533	0.00
	IND BARATH	0.000	-26.036	-73,913.701	0.00
	VAE	-4,512.116	0.000	11,641,195.477	0.00
NVVN	-10,235.633	-10,126.400	278,825.872	0.00	
CHUZACHEN	2,153.540	2,118.942	-25,861.550	0.00	
24/08/16	<b>BSPHCL</b>	<b>-67,126.045</b>	<b>-69,504.961</b>	<b>-5,760,214.31</b>	<b>-1,269,311.53</b>
	JUVNL	-15,710.553	-15,503.121	224,509.75	-68,329.51
	DVC	18,870.113	16,851.363	-3,732,408.33	-504,786.58
	GRIDCO	-23,774.697	-23,820.144	473,324.68	-328,945.28
	SIKKIM	-1,556.503	-1,126.976	697,908.70	-8,514.17
	WBSETCL	-50,793.708	-53,606.065	-8,332,156.31	-231,891.58
	NER	-1,066.895	-22,419.205	-36,548,567.63	-33,622,207.79
	NR	-64,075.337	-55,791.493	47,460,687.44	-497,396.56
	SR	-26,330.575	-25,916.436	2,771,091.34	-1,032,220.78
	WR	13,853.358	15,604.489	4,266,238.21	-2,681,216.27
	FSPPP-I & II	34,138.570	33,173.432	-1,664,974.49	0.00
	KHSTPP-I	13,211.069	12,814.842	-542,906.92	0.00
	TSTPP	22,624.420	22,565.755	-21,027.02	0.00
	RANGIT	1,449.000	1,524.953	131,567.03	-1,830.55
	CHPC	6,988.238	8,401.253	3,381,984.80	0.00
	KHPC	1,440.000	2,001.118	1,111,012.85	0.00
	THPC	24,689.319	21,185.833	-6,936,902.43	0.00
	KHSTPP-II	31,560.981	31,190.795	-374,514.402	0.00
	FSPPP-III	10,903.055	10,506.512	-595,904.296	-2,479.96
	TEESTA	12,096.000	12,149.091	97,128.037	-647.27
	MAITHON R/B	22,736.250	22,652.254	10,715.828	0.00
	VEDANTA	9,089.250	4,654.136	-8,826,426.997	-5,890,668.36
	BARH	21,591.732	20,124.327	-2,041,270.458	-67,520.31
	NVVN-NEPAL	-1,198.320	-1,316.582	-210,086.438	0.00
	APNRL	6,820.920	6,505.236	-490,994.404	-47,206.52
	GMRKEL	9,603.560	9,521.673	166,152.757	0.00
	JITPL	26,860.615	26,865.600	48,453.952	-5,700.85
	TP TCL	2,962.320	1,838.089	-1,982,571.00	-14,287.41
	BRBCL	0.000	-27.982	-49,767.578	0.00
	TALCHER SOLAR	41.290	35.277	-58,351.397	0.00
	JORETHANG HEP	1,920.240	2,215.400	553,564.324	-3,327.71
	IND BARATH	0.000	-20.364	-33,875.138	0.00
	VAE	0.000	0.000	10,755,407.347	0.00
NVVN	-10,375.330	-10,268.582	185,450.407	-2,335.04	
CHUZACHEN	2,153.540	2,025.702	-274,297.307	0.00	
25/08/16	<b>BSPHCL</b>	<b>-69,342.766</b>	<b>-72,185.560</b>	<b>-4,882,901.65</b>	<b>-639,215.49</b>
	JUVNL	-15,197.828	-16,069.810	-1,215,854.20	-17,688.62
	DVC	21,334.889	20,225.229	-1,466,221.24	-70,879.60
	GRIDCO	-23,193.321	-23,152.198	-152,418.20	-24,999.66
	SIKKIM	-1,276.900	-1,106.710	263,514.05	0.00
	WBSETCL	-50,442.293	-54,667.863	-6,837,888.62	-816,638.86
	NER	-843.810	-21,970.255	-37,449,492.55	-34,611,072.31
	NR	-74,507.038	-43,692.720	52,964,180.42	0.00
	SR	-26,802.823	-24,566.036	2,928,830.54	-98,263.73
	WR	23,721.356	23,148.998	-684,155.07	-1,882,094.22
	FSPPP-I & II	33,191.415	32,398.968	-1,590,523.87	0.00
	KHSTPP-I	12,349.348	12,036.836	-460,484.59	0.00
	TSTPP	22,607.484	22,543.997	-62,259.80	0.00
	RANGIT	1,329.000	1,394.022	119,132.39	0.00
	CHPC	6,002.500	8,105.560	4,731,885.91	0.00
	KHPC	1,560.000	1,851.959	578,078.42	0.00
	THPC	23,592.500	20,440.171	-6,241,611.61	0.00
	KHSTPP-II	25,941.969	25,731.310	-200,940.61	0.00
	FSPPP-III	11,037.430	10,645.394	-725,149.47	-1,319.02
	TEESTA	12,096.000	12,157.782	109,125.46	0.00
	MAITHON R/B	18,153.750	18,200.618	160,081.50	0.00
	VEDANTA	3,254.820	1,949.409	-2,634,003.97	-1,237,383.78
	BARH	19,478.440	18,599.345	-1,398,733.576	-81,437.76
	NVVN-NEPAL	-955.120	-1,324.531	-691,714.320	-10,972.82
	APNRL	5,308.560	5,352.000	75,212.69	0.00
	GMRKEL	9,335.190	9,283.345	25,321.04	0.00
	JITPL	23,704.095	24,279.127	968,707.98	0.00
	TP TCL	2,962.320	1,726.206	-2,074,046.88	-32,889.60
	BRBCL	0.000	-34.709	-57,795.716	0.00
	TALCHER SOLAR	35.711	34.009	-17,349.36	0.00
	JORETHANG HEP	2,159.040	2,067.888	-140,833.50	0.00
	IND BARATH	0.000	-23.564	-41,779.52	0.00
	VAE	-2,323.378	0.000	4,112,031.67	0.00
NVVN	-10,401.073	-10,245.927	269,101.47	0.00	
CHUZACHEN	2,038.340	1,969.146	-88,143.61	0.00	

**ERPC, KOLKATA**  
Day-wise schedule, actual and Deviation charge statement  
From 22/08/2016 to 28/08/2016

Page 2 of 2

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN. TOTAL IN MWH	Deviation Charge In Rs.	Additional Deviation Charge In Rs.
26/08/16	BSPHCL	-62,142.148	-63,065.553	-3,831,810.42	<b>-1,772,288.51</b>
	JUVNL	-15,171.375	-15,017.034	-317,031.12	-462,859.95
	DVC	22,051.007	21,224.869	-2,057,639.51	-220,427.83
	GRIDCO	-19,307.586	-19,460.534	15,027.34	-191,160.05
	SIKKIM	-1,023.785	-1,076.532	-125,761.50	-759.30
	WBSETCL	-48,800.045	-50,216.487	-1,836,821.86	-155,824.90
	NER	267.657	-18,104.798	-35,590,060.25	-32,338,417.85
	NR	-73,190.522	-47,522.276	48,571,957.22	-637,467.86
	SR	-25,245.510	-23,572.145	1,681,073.11	-2,891,642.68
	WR	27,978.563	25,757.845	-1,881,477.52	-6,260,183.42
	FSTPP-I & II	29,538.541	29,445.558	-176,708.03	-22,279.87
	KHSTPP-I	11,476.574	11,338.839	-202,654.49	-219.24
	TSTPP	10,951.932	10,747.675	-426,516.16	-100,296.52
	RANGIT	1,449.000	1,503.978	100,444.26	-1,499.47
	CHPC	6,960.000	8,437.281	3,323,882.81	0.00
	KHPC	1,560.000	1,527.102	-65,138.04	0.00
	THPC	24,960.000	21,276.687	-7,292,959.98	0.00
	KHSTPP-II	27,178.629	26,735.662	-710,912.998	-222.84
	FSTPP-III	9,360.633	9,255.605	-247,702.961	-1,025.77
	TEESTA	12,096.000	12,151.345	114,870.699	-647.27
	MAITHON R/B	11,436.000	11,435.163	37,582.659	-8,390.27
	VEDANTA	0.000	-339.045	-658,953.608	0.00
	BARH	19,917.417	17,807.345	-4,326,828.096	-855,441.88
	NVVN-NEPAL	-1,198.320	-1,285.363	-142,185.611	0.00
	APNRL	5,308.560	5,340.363	62,096.949	-991.54
	GMRKEL	9,333.580	9,366.909	194,482.905	0.00
	JITPL	25,440.483	25,671.491	256,830.329	0.00
	TP TCL	2,962.320	1,821.169	-2,240,124.04	-26,671.36
	BRBCL	0.000	-36.527	-72,073.282	0.00
	TALCHER SOLAR	35.711	42.430	62,201.07	0.00
	JORETHANG HEP	1,920.240	2,105.992	371,995.71	-2,729.63
	IND BARATH	0.000	-14.400	-28,464.49	0.00
	VAE	-2,427.251	0.000	4,748,541.39	0.00
	NVVN	-10,235.765	-10,120.509	222,037.823	-3,322.94
	CHUZACHEN	1,913.575	1,875.870	-17,067.255	0.00
<b>BSPHCL</b>	<b>-69,930.286</b>	<b>-69,360.848</b>	<b>-10,385,464.36</b>	<b>-2,904,425.67</b>	
JUVNL	-15,887.238	-17,841.633	-3,975,724.07	-678,275.36	
DVC	21,803.089	20,627.932	-1,888,649.49	-293,909.60	
GRIDCO	-20,849.939	-20,690.450	285,855.60	-125,268.52	
SIKKIM	-1,522.075	-1,059.771	803,895.58	-3.38	
WBSETCL	-51,029.813	-55,965.697	-8,951,563.64	-2,181,655.91	
NER	1,731.088	-20,375.086	-40,049,555.12	-37,047,206.00	
NR	-75,931.812	-41,554.434	61,664,318.46	-467,339.87	
SR	-19,919.513	-19,314.909	1,010,857.53	-1,251,912.26	
WR	20,071.525	25,916.891	11,279,168.76	-608,557.09	
FSTPP-I & II	34,477.455	33,477.260	-1,739,689.34	-3,249.27	
KHSTPP-I	13,383.547	12,816.924	-946,943.30	-150.66	
TSTPP	18,521.797	18,494.147	-8,356.92	0.00	
RANGIT	1,449.000	1,507.428	101,447.48	-1,129.04	
CHPC	6,288.000	8,124.578	4,132,299.88	0.00	
KHPC	1,560.000	1,776.017	427,713.26	0.00	
THPC	24,000.000	20,488.128	-6,953,507.02	0.00	
KHSTPP-II	31,068.455	30,562.173	-810,759.789	0.00	
FSTPP-III	11,193.356	10,778.921	-706,773.871	0.00	
TEESTA	11,592.000	11,562.473	120,068.619	-258.91	
MAITHON R/B	9,885.980	9,957.200	162,969.575	0.00	
VEDANTA	0.000	-287.273	-520,234.115	0.00	
BARH	11,392.099	10,841.236	-981,075.430	0.00	
NVVN-NEPAL	-1,198.320	-1,369.862	-315,261.710	0.00	
APNRL	5,308.560	5,316.654	22,299.243	-85.36	
GMRKEL	9,333.580	9,230.691	-96,385.312	-1,566.38	
JITPL	26,212.123	26,207.491	-85,159.974	-27,952.31	
TP TCL	2,962.320	1,671.758	-2,309,812.25	-50,412.92	
BRBCL	0.000	-36.345	-66,209.162	0.00	
TALCHER SOLAR	35.711	49.286	124,725.92	0.00	
JORETHANG HEP	2,159.040	1,867.248	-556,322.07	-26,875.63	
IND BARATH	0.000	-16.727	-29,022.07	0.00	
VAE	-55.337	0.000	133,806.51	0.00	
NVVN	-10,526.883	-10,265.782	455,645.184	-6,434.30	
CHUZACHEN	1,821.060	1,722.735	-133,414.434	-2,667.82	
<b>BSPHCL</b>	<b>-68,015.581</b>	<b>-71,738.154</b>	<b>-6,081,743.68</b>	<b>-570,491.69</b>	
JUVNL	-16,306.545	-17,938.782	-2,955,713.53	-561,089.20	
DVC	21,293.062	20,964.083	-430,353.91	-56,514.60	
GRIDCO	-21,201.337	-21,122.818	259,306.19	-152,238.28	
SIKKIM	-1,477.800	-905.978	932,691.32	-13,678.20	
WBSETCL	-44,665.195	-48,514.096	-6,725,556.39	-600,222.15	
NER	1,191.223	-20,464.989	-37,451,717.27	-34,590,788.39	
NR	-65,711.836	-38,491.389	47,013,570.92	-328,969.11	
SR	-28,966.663	-13,166.691	27,031,745.35	-332,637.10	
WR	27,197.024	31,715.394	19,893,304	-9,393,375.03	
FSTPP-I & II	31,164.800	30,618.928	-1,024,611.61	0.00	
KHSTPP-I	11,545.953	11,248.554	-499,207.55	-334.62	
TSTPP	22,483.476	22,469.893	64,360.04	0.00	
RANGIT	1,449.000	1,511.144	110,551.23	-1,307.23	
CHPC	6,288.000	7,331.275	2,347,368.18	0.00	
KHPC	1,560.000	1,823.843	522,408.74	0.00	
THPC	22,725.000	18,487.619	-8,390,015.31	0.00	
KHSTPP-II	25,945.722	25,371.294	-975,525.419	-1,539.63	
FSTPP-III	9,839.091	9,517.871	-636,658.535	0.00	
TEESTA	12,096.000	12,169.200	136,633.800	-1,294.54	
MAITHON R/B	10,344.750	10,306.836	-2,561.131	0.00	
VEDANTA	0.000	-248.955	-499,193.428	0.00	
BARH	13,566.934	12,916.363	-1,103,808.278	-28,426.38	
NVVN-NEPAL	-1,198.320	-1,369.152	-278,833.678	0.00	
APNRL	5,269.510	5,313.309	78,899.040	-862.08	
GMRKEL	10,445.880	10,490.691	234,729.93	0.00	
JITPL	23,386.703	23,668.654	363,524.366	-116,052.96	
TP TCL	2,962.320	1,533.421	-2,434,422.51	-95,045.73	
BRBCL	0.000	-24.000	-41,306.501	0.00	
TALCHER SOLAR	41.808	46.957	48,138.61	0.00	
JORETHANG HEP	1,920.240	1,827.280	-137,358.43	0.00	
IND BARATH	0.000	-13.527	-24,836.55	0.00	
VAE	-641.345	0.000	1,727,573.72	0.00	
NVVN	-10,681.573	-10,580.800	155,327.103	-1,968.12	
CHUZACHEN	1,615.140	1,702.062	127,796.195	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 22/08/16 TO 28/08/16	BSPHCL	-456251.01	-465707.53	-24,741,688.00	-7,508,244.58
	JUVNL	-107199.69	-107958.07	-5,915,804.00	-1,853,332.64
	DVC	142043.05	136910.69	-5,105,528.00	-1,573,440.39
	GRIDCO	-157271.49	-154644.53	11,705,373.00	-836,637.76
	SIKKIM	-976.34	-7549.77	4,896,613.00	-22,955.45
	WBSETCL	-329407.47	-345444.36	-30,921,083.00	-4,590,088.82
	NER	1111.09	-147295.43	-304,144,126.00	0.00
	NR	-580108.72	-345135.05	356,911,171.00	0.00
	SR	-174614.47	-160182.83	17,463,322.00	0.00
	WR	118043.50	115610.62	5,479,524.00	0.00
	FSTPP-I & II	224867.29	220905.14	-7,364,312.88	-25,529.13
	KHSTPP-I	86990.33	84650.71	-4,085,772.88	-704.51
	KHSTPP-II	198554.94	196122.63	-3,477,628.77	-1,762.47
	TSTPP	140232.17	140062.39	260,812.32	-100,296.52
	FSTPP-III	71124.61	69323.09	-3,273,885.65	-4,824.74
	TEESTA	84168.00	84607.09	923,060.00	-2,847.99
	MAITHON R/B	112420.86	113056.29	2,001,420.35	-8,390.27
	VEDANTA	30522.57	16343.00	-33,576,875.00	-19,639,033.46
	RANGIT	10023.00	10485.84	945,510.00	-5,767.20
	BARH	130110.06	123249.93	-12,762,697.10	-1,406,545.13
	NVVN-NEPAL	-8145.04	-9281.60	-219,251.62	-10972.82
	APNRL	38742.54	38696.44	223,261.00	-49,145.50
	GMRKEL	66005.72	66136.44	1,274,259.00	-14,152.91
	JITPL	176107.41	178090.25	3,810,311.13	-149,706.11
	TP TCL	20736.24	13148.41	-147,29804.01	-219386.47
	BRBCL	0.00	-214.56	-435261.83	0.00
	TALCHER SOLAR	272.81	259.81	-144059.44	0.00
	JORETHANG HEP	14302.80	14887.05	1630643.26	-39096.21
	IND BARATH	0.00	-134.18	-281513.17	0.00
	VAE	-14399.96	0.00	42498782.67	0.00
	NVVN-BD	-72804.69	-71785.02	1,971,888.00	-14,060.40
	CHUZACHEN	13907.03	13648.12	-339,611.00	-2,667.82

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: 15/09/16

RRAS Account for Week: 22.08.16 TO 28.08.16

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	2318.91988	1827309	6043105	1159460	9029874
2	FSTPP-III	1684.42036	2772556	4406444	842210	8021210
3	KhSTPP-I	1928.80584	1801505	4908811	964403	7674718
4	KhSTPP-II	11462.59769	13262226	27877038	5731299	46870562
5	TSTPP-I	435.87830	345216	709610	217939	1272765
6	BARH STPP-II	5125.08514	9788913	13678852	2562543	26030307

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	330.051485	860114	645086
2	FSTPP-III	17.500000	45780	34335
3	KhSTPP-I	227.475000	578924	434193
4	KhSTPP-II	59.000000	143488	107616
5	TSTPP-I	0.000000	0	0
6	BARH STPP-II	0.000000	0	0

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	2318.919877	398584	BSEB
			564325	JSEB
			29743	DVC
			36126	GRIDCO
			108138	WBSEB
			181594	SIKKIM
			148175	DELHI
			137517	PUNJAB.
			38054	RAJASTHAN
			138076	HARYANA
			11010	ASSAM
2	FSTPP III	1684.420363	35966	AR.PRADESH
			1137161	BSEB
			456803	JSEB
			226027	DVC
			47663	GRIDCO
			878272	WBSEB
			26630	ASSAM
3	KhSTPP-I	1928.805842	516607	BSEB
			42193	JSEB
			24305	DVC
			17594	GRIDCO
			6467	WBSEB
			140411	SIKKIM
			146047	DELHI
			423779	PUNJAB.
			113522	RAJASTHAN
			338736	HARYANA
			13873	ASSAM
			17970	AR.PRADESH
			4	KhSTPP-II
185760	JSEB			
93118	DVC			
6181	GRIDCO			
30272	WBSEB			
113106	SIKKIM			
313018	UTTARANCHAL			
1569313	DELHI			
753637	PUNJAB.			
703057	RAJASTHAN			
940810	HARYANA			
130437	HP			
2615907	M.P			
130688	CHHATISGARH			
504289	MAHA RASHTRA			
4755710	GUJRAT			
142827	ASSAM			
5	TSSTPP-I	435.878295	74918	BSEB
			173685	JSEB
			23548	DVC
			69513	WBSEB
			3552	AR.PRADESH
6	BARH STPP-II	5125.085144	6657980	BSEB
			1206060	JSEB
			1402592	GRIDCO
			522281	SIKKIM

A) RRAS settlement account for the week 22.08.16 TO 28.08.16 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-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.