



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: 12.08.2016

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 25.07.2016 to 31.07.2016**

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/-  
(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, 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, 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 25.07.16 TO 31.07.16  
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	16.39992	9.79646	26.19638	SIKKIM	22.65639	0.45563	22.20076
JUVNL	23.20098	6.42207	29.62305	NR	313.20812	0.00000	313.20812
DVC	72.77648	30.23057	103.00705	SR	602.73035	0.00000	602.73035
GRIDCO	42.10925	11.80022	53.90947	WR	1491.16373	0.00000	1491.16373
WBSETCL	245.06799	29.30600	274.37399	RANGIT	2.42716	0.06889	2.35828
NER	1745.55015	0.00000	1745.55015	GMRKEL	4.12178	0.02353	4.09826
FSTPP-I & II	53.97503	4.13330	58.10832	CHUZACHEN	14.42826	0.09596	14.33230
BRBCL	3.98357	0.00000	3.98357	TEESTA	15.87520	0.04842	15.82678
KHSTPP-I	39.63773	0.00000	39.63773	MAITHON R/B	24.66247	0.00467	24.65780
TALCHER SOLAR	0.20665	0.00000	0.20665	NVVN-BD	4.07777	0.15658	3.92119
TSTPP	8.26582	0.11356	8.37938				
NVVN-NEPAL	15.93721	0.00000	15.93721				
IND BARATH	4.33285	0.00000	4.33285				
JORETHANG LOOP HEP	46.67339	8.96965	55.64305				
TPTCL	0.97533	0.54491	1.52024				
KHSTPP-II	12.39737	0.05891	12.45628				
FSTPP-III	11.80045	0.25898	12.05943				
JITPL	28.81497	21.34869	50.16366				
VEDANTA	32.11862	0.00000	32.11862				
APNRL	34.58620	6.79294	41.37915	VIRTUAL ANCILLARY ENTITY OF EASTERN REGION	28.92772		
BARH	85.75762	0.94556	86.70318	DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	0.28863		
<b>TOTAL</b>	<b>2524.56759</b>	<b>130.72183</b>	<b>2655.28942</b>				
					<b>2524.56759</b>	<b>0.85368</b>	<b>2494.49756</b>

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

**131.57551**

**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 25/07/16-31/07/16 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 2.14% 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 (GATT) U1&2started 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 wef 00.00 hrs of 20.09.15 and the same has been declared commercial wef 00.00 hrs of 26.09.15.  
U#2 of the same project declared commercial wef 00.00 hrs of 01.10.15.
- xxiii) As informed by ERLDC, Scheduling of Dagachu Hydro Power Station of Bhutan started w.e.f 21.02.2015. TPTCL, being the nodal agency for this power transaction, shall be the pool member for the purpose of Deviation Pool Account.
- xxiv) As informed by ERLDC, power export to Nepal started w.e.f 17.02.16 through 132kV Muzaffarpur(IND) - Dhalkebar (Nepal). NVVN is the nodal agency for this transaction and hence is the Deviation Account Pool member.
- xxvi) No comments from ERLDC for the week have been received regarding gaming. Revision , if any, would becarried 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.
- xiv) 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 18/07/2016 to 24/07/2016**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN. TOTAL IN MWH	Deviation Charge in Rs-	Additional Deviation Charge in Rs.	
25/07/16	<b>BSPHCL</b>	<b>-68,402.578</b>	<b>-67,894.166</b>	<b>1,437,478.47</b>	-9,633.50	
	JUVNL	-17,250.855	-16,646.074	966,030.52	0.00	
	DVC	23,819.318	22,522.090	-3,376,977.52	-474,444.35	
	GRIDCO	-28,515.420	-27,485.799	2,884,354.10	-5,740.97	
	SIKIM	-1,589.897	-1,100.906	1,190,525.85	0.00	
	WBSETCL	-40,423.335	-40,356.605	666,104.92	-17,453.22	
	NER	13,927.418	-624.711	-37,131,860.31	-30,678,527.19	
	NR	-69,139.859	-68,914.626	458,916.39	-2,941,214.92	
	SR	-11,623.683	-4,685.309	18,139,875.86	-605,376.02	
	WR	-14,173.273	-7,846.817	16,615,499.67	-1,949,612.39	
	FSPPP-I & II	31,515.890	31,125.097	-984,410.56	0.00	
	KHSTPP-I	15,582.583	15,200.668	-782,547.47	0.00	
	TSPPP	21,746.131	21,833.386	268,378.73	0.00	
	RANGIT	1,449.000	1,465.607	35,182.34	0.00	
	CHPC	6,902.193	7,648.178	1,678,466.54	0.00	
	KHPC	960.000	2,343.902	2,740,126.75	0.00	
	THPC	22,909.595	19,329.521	-7,088,544.87	0.00	
	KHSTPP-II	19,100.368	19,100.966	111,261.15	0.00	
	FSPPP-III	9,735.491	9,673.702	-108,334.06	0.00	
	TEESTA	11,775.000	12,038.000	602,798.29	-1,088.03	
	MAITHON R/B	19,798.625	20,325.891	1,369,034.17	0.00	
	VEDANTA	0.000	-299.091	-751,576.221	0.00	
	BARH	23,369.688	22,935.491	-975,423.486	0.00	
	NVVN-NEPAL	-1,200.720	-1,316.448	-281,613.930	0.00	
	APNRL	10,856.563	10,876.945	90,827.682	0.00	
	GMRKEL	7,597.080	7,765.091	463,013.462	0.00	
	JITPL	22,632.223	21,575.982	-3,919,928.56	-2,048,194.49	
	TPTCL	2,964.620	2,945.495	-49,270.92	0.00	
	BRBCL	0.000	-38.691	-97,272.232	0.00	
	TALCHER SOLAR	25.422	20.738	-46,068.98	0.00	
	JORETHANG HEP	2,302.800	1,887.312	-1,038,959.00	-308,318.39	
	IND BARATH	0.000	-36.582	-91,498.58	0.00	
	VAE	-2,902.361	0.000	6,489,074.82	0.00	
	NVVN	-10,561.643	-10,476.582	213,967.514	0.00	
	CHUZACHEN	2,611.680	2,737.053	313,910.586	0.00	
	26/07/16	<b>BSPHCL</b>	<b>-68,746.857</b>	<b>-67,352.798</b>	<b>2,690,932.58</b>	<b>-47,188.39</b>
		JUVNL	-16,710.780	-15,070.202	1,941,104.64	-28,342.23
DVC		14,338.765	13,700.277	-2,455,234.16	-1,054,497.17	
GRIDCO		-26,609.253	-26,183.773	1,298,141.37	-276,490.32	
SIKIM		-796.465	-1,063.675	-505,693.18	0.00	
WBSETCL		-36,883.768	-36,751.909	352,051.89	-48,859.83	
NER		15,007.098	-5,067.605	-37,999,030.56	-32,707,211.16	
NR		-65,345.499	-58,718.822	11,045,752.59	-4,841.94	
SR		-13,998.908	-12,946.254	3,072,981.74	-3,897,123.38	
WR		-12,218.506	-2,265.401	19,639,032.50	-448,789.79	
FSPPP-I & II		31,804.141	31,395.316	-667,450.31	0.00	
KHSTPP-I		15,663.276	15,663.276	965,597.38	0.00	
TSPPP		21,581.176	21,468.026	-17,070.62	0.00	
RANGIT		1,449.000	1,460.233	18,365.45	-348.17	
CHPC		7,344.000	7,568.424	504,953.62	0.00	
KHPC		960.000	2,366.705	2,785,275.50	0.00	
THPC		22,344.000	19,127.957	-6,367,766.08	0.00	
KHSTPP-II		18,321.276	18,147.989	-144,745.992	0.00	
FSPPP-III		9,191.300	9,131.120	-113,607.422	-4,448.69	
TEESTA		10,720.000	10,842.327	231,739.519	-1,553.45	
MAITHON R/B		20,906.750	21,058.654	479,862.169	0.00	
VEDANTA		0.000	-239.955	-473,781.011	0.00	
BARH		23,598.983	23,288.291	-616,697.121	-25,744.49	
NVVN-NEPAL		-1,200.720	-1,317.494	-221,044.562	0.00	
APNRL		10,922.098	10,658.327	-413,734.021	-10,755.92	
GMRKEL		7,601.180	7,598.909	89,191.672	0.00	
JITPL		22,854.360	22,925.527	303,600.593	-19,366.39	
TPTCL		2,964.620	2,930.069	-66,136.02	0.00	
BRBCL		0.000	-34.382	-65,060.232	0.00	
TALCHER SOLAR		25.422	9.243	-156,847.344	0.00	
JORETHANG HEP		2,302.800	2,118.408	-459,679.250	-97,338.21	
IND BARATH		0.000	-32.436	-61,187.168	0.00	
VAE		-3,881.144	0.000	5,394,233.959	0.00	
NVVN		-10,466.650	-10,461.527	30,316.133	-549.78	
CHUZACHEN		2,611.680	2,735.577	236,982.652	-275.90	
27/07/16		<b>BSPHCL</b>	<b>-69,253.885</b>	<b>-69,004.111</b>	<b>2,471.23</b>	<b>-3,767.69</b>
		JUVNL	-16,622.955	-15,526.166	1,145,513.27	-7,215.21
	DVC	18,918.713	18,259.765	-1,154,051.38	-260,241.95	
	GRIDCO	-28,653.305	-30,008.529	-1,837,753.26	-59,629.04	
	SIKIM	-946.708	-1,036.602	-129,236.85	0.00	
	WBSETCL	-34,430.995	-37,217.410	-4,340,666.61	-234,946.77	
	NER	13,152.510	-2,277.368	-24,990,001.71	-20,968,719.13	
	NR	-64,670.599	-60,274.110	6,009,323.07	-902,168.59	
	SR	-13,816.133	-12,189.454	2,440,331.29	-1,250,903.84	
	WR	-9,953.099	5,908.272	23,873,278.36	-1,447.21	
	FSPPP-I & II	18,027.118	17,137.166	-1,329,130.64	-29,969.97	
	KHSTPP-I	15,569.402	15,123.646	-603,121.08	0.00	
	TSPPP	19,361.533	19,059.888	-424,428.27	-697.69	
	RANGIT	1,428.000	1,428.959	-6,395.74	0.00	
	CHPC	7,344.000	7,577.898	526,697.07	0.00	
	KHPC	960.000	2,347.121	2,746,499.18	0.00	
	THPC	22,344.000	19,151.900	-6,320,357.32	0.00	
	KHSTPP-II	17,229.777	17,059.912	-163,906.512	0.00	
	FSPPP-III	8,847.407	8,801.978	-73,425.374	0.00	
	TEESTA	12,114.000	12,245.636	216,875.950	0.00	
	MAITHON R/B	19,301.125	19,362.072	194,435.231	0.00	
	VEDANTA	0.000	-231.591	-375,758.888	0.00	
	BARH	23,661.007	23,027.563	-1,019,537.062	0.00	
	NVVN-NEPAL	-1,200.720	-1,403.021	-324,878.414	0.00	
	APNRL	10,851.528	10,199.782	-1,203,741.589	-40,285.44	
	GMRKEL	7,599.140	7,605.163	68,292.320	0.00	
	JITPL	22,530.468	22,671.781	244,180.383	0.00	
	TPTCL	2,964.620	2,946.187	-29,633.03	0.00	
	BRBCL	0.000	-35.382	-58,591.757	0.00	
	TALCHER SOLAR	25.422	40.345	135,610.277	0.00	
	JORETHANG HEP	2,302.800	2,217.240	-166,458.803	-39,249.80	
	IND BARATH	0.000	-37.964	-61,768.523	0.00	
	VAE	0.000	0.000	2,860,119.706	0.00	
	NVVN	-10,261.478	-10,459.745	-324,585.636	0.00	
	CHUZACHEN	2,611.680	2,734.830	200,732.679	0.00	
	28/07/16	<b>BSPHCL</b>	<b>-68,304.746</b>	<b>-68,053.097</b>	<b>-1,343,540.76</b>	<b>-511,520.16</b>
		JUVNL	-15,411.788	-16,451.655	-1,530,107.97	-228,853.98
DVC		19,249.641	18,690.855	-746,300.94	-39,168.96	
GRIDCO		-27,462.434	-28,258.690	-765,003.35	-218,064.38	
SIKIM		-1,208.200	-1,010.024	322,062.42	-7,245.13	
WBSETCL		-40,486.333	-45,718.355	-8,948,191.80	-1,699,098.06	
NER		11,728.580	-2,004.799	-23,938,586.60	-19,909,202.09	
NR		-61,156.800	-50,680.717	16,424,321.38	-206,316.14	
SR		-18,546.795	-14,445.600	8,889,544.13	-1,347,150.56	
WR		-838.431	14,071.339	25,651,985.20	-1,078,576.38	
FSPPP-I & II		22,056.444	21,659.691	-640,330.40	-676.53	
KHSTPP-I		16,006.196	15,541.918	-643,969.65	0.00	
TSPPP		22,437.514	22,220.897	-274,296.94	0.00	
RANGIT		1,449.000	1,492.778	74,876.95	-988.97	
CHPC		8,832.000	6,345.222	-5,595,249.62	0.00	
KHPC		2,043.500	2,495.801	895,555.58	0.00	
THPC		21,697.000	16,036.514	-11,207,761.42	0.00	
KHSTPP-II		17,434.850	17,221.199	-219,188.27	0.00	
FSPPP-III		9,737.361	9,670.018	-150,331.11	-15,145.66	
TEESTA		12,114.000	12,259.891	264,932.60	-906.18	
MAITHON R/B		18,475.625	18,594.945	314,310.45	0.00	
VEDANTA		0.000	-306.273	-539,741.77	0.00	
BARH		24,577.756	23,118.763	-2,352,406.693	-63,419.41	
NVVN-NEPAL		-1,200.720	-1,333.507	-220,745.898	0.00	
APNRL		8,530.747	7,609.600	-1,643,459.41	-547,712.37	
GMRKEL		7,600.160	7,592.509	65,448.00	0.00	
JITPL		20,080.788	20,553.672	569,991.35	-55,128.81	
TPTCL		2,964.620	2,946.290	-30,992.30	0.00	
BRBCL		0.000	-23.436	-39,460.216	0.00	
TALCHER SOLAR		24.695	25.728	9,222.80	0.00	
JORETHANG HEP		2,302.800	2,283.600	-45,972.99	-26,721.73	
IND BARATH		0.000	-43.782	-80,225.95	0.00	
VAE		-1,245.447	0.000	2,104,916.76	0.00	
NVVN		-10,236.178	-10,221.527	18,804.11	-775.52	
CHUZACHEN		2,611.680	2,733.462	217,285.50	-131.72	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 18/07/2016 to 24/07/2016**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN. TOTAL IN MWH	Deviation Charge in Rs.	Additional Deviation Charge in Rs.
29/07/16	BSPHCL	-67,715.809	-64,372.012	637,208.33	<b>-342,991.84</b>
	JUVNL	-15,090.445	-15,638.980	-729,863.36	-36,307.21
	DVC	24,345.425	25,237.800	406,377.59	-169,188.67
	GRIDCO	-25,775.745	-28,596.266	-2,854,670.29	-326,565.58
	SIKKIM	-1,156.440	-1,087.145	78,978.39	-3,171.25
	WBSETCL	-46,231.378	-50,519.350	-4,307,384.07	-652,669.77
	NER	10,506.688	-2,168.015	-14,015,367.95	-11,744,913.45
	NR	-61,482.650	-55,485.593	6,402,861.88	-495,327.83
	SR	-17,091.008	-13,229.236	1,863,206.17	-2,387,967.07
	WR	4,588.662	18,956.460	18,113,406.85	-1,183,283.39
	FSPPP-I & II	21,066.541	20,454.719	-596,367.22	0.00
	KHSTPP-I	14,649.468	14,125.377	-398,202.58	0.00
	TSTPP	21,952.195	21,679.796	-229,825.69	0.00
	RANGIT	1,449.000	1,490.650	41,512.70	-2,819.52
	CHPC	7,252.800	6,874.403	-851,392.62	0.00
	KHPC	2,214.400	2,387.930	343,590.19	0.00
	THPC	19,707.388	17,373.933	-4,620,240.30	0.00
	KHSTPP-II	16,557.516	16,400.883	-193,472.470	0.00
	FSPPP-III	9,775.442	9,466.007	-336,193.196	-43.24
	TEESTA	12,014.000	11,919.236	82,632.289	-323.63
	MAITHON R/B	18,687.375	18,600.036	-45,921.197	0.00
	VEDANTA	0.000	-191.273	-187,944.939	0.00
	BARH	23,863.704	22,832.181	-892,785.082	-219.82
	NVVN-NEPAL	-1,200.720	-1,375.882	-167,288.219	0.00
	APNRL	5,829.313	5,272.218	-260,186.732	-80,540.66
	GMRKEL	7,263.680	6,956.436	-182,673.204	-2,352.58
	JITPL	20,124.370	20,327.345	-38,594.172	-9,242.19
	TPTCL	2,964.620	2,945.682	-18,989.45	0.00
	BRBCL	0.000	-36.564	-40,851.215	0.00
	TALCHER SOLAR	24.695	34.761	92,376.56	0.00
	JORETHANG HEP	2,302.800	2,164.944	-241,417.72	-54,585.42
	IND BARATH	0.000	-40.655	-45,123.00	0.00
	VAE	1,694.991	0.000	-2,775,993.42	0.00
NVVN	-10,276.520	-10,214.618	74,705.432	-4,658.76	
CHUZACHEN	2,611.680	2,732.517	137,522.626	-3,711.30	
30/07/16	<b>BSPHCL</b>	<b>-71,225.043</b>	<b>-69,168.338</b>	<b>2,188,546.12</b>	<b>-27,936.81</b>
	JUVNL	-15,062.065	-15,576.10	-75,376.10	-6,313.26
	DVC	16,156.283	14,627.651	-3,072,773.38	-744,408.11
	GRIDCO	-25,009.075	-26,257.559	-1,513,001.28	-197,548.57
	SIKKIM	-1,177.543	-1,010.525	243,445.57	-592.92
	WBSETCL	-48,744.875	-50,441.581	-1,798,688.48	-62,797.20
	NER	10,950.215	-2,678.559	-20,060,637.39	-16,894,484.80
	NR	-49,618.426	-52,694.971	-41,723,866.96	-2,692,319.37
	SR	-13,122.138	-4,668.873	12,777,229.47	-772,971.71
	WR	-2,991.546	12,100.021	22,639,446.10	-119,117.75
	FSPPP-I & II	23,456.970	23,084.856	-489,220.13	-1,253.35
	KHSTPP-I	14,205.589	13,898.054	-394,524.45	0.00
	TSTPP	21,763.047	21,656.946	-70,466.82	0.00
	RANGIT	1,449.000	1,482.259	41,667.99	-414.38
	CHPC	6,000.000	7,259.814	2,834,580.58	0.00
	KHPC	2,214.400	2,311.848	192,947.04	0.00
	THPC	20,100.000	18,347.994	-3,468,970.92	0.00
	KHSTPP-II	20,400.220	20,067.803	-493,291.318	0.00
	FSPPP-III	9,624.126	9,403.180	-313,761.058	0.00
	TEESTA	12,096.000	12,149.127	80,935.527	0.00
	MAITHON R/B	19,380.750	19,384.691	122,314.685	0.00
	VEDANTA	0.000	-245.545	-367,738.154	0.00
	BARH	25,891.607	24,863.672	-1,497,637.866	0.00
	NVVN-NEPAL	-1,200.720	-1,323.946	-194,249.842	0.00
	APNRL	5,324.388	5,350.473	44,085.371	0.00
	GMRKEL	7,100.610	7,012.145	-34,011.916	0.00
	JITPL	18,754.995	18,806.836	28,214.739	0.00
	TPTCL	2,964.620	2,946.290	-27,741.30	0.00
	BRBCL	0.000	-38.491	-58,029.417	0.00
	TALCHER SOLAR	25.432	25.462	-3,808.26	0.00
	JORETHANG HEP	2,302.800	1,519.128	-1,319,038.95	-254,235.31
	IND BARATH	0.000	-37.818	-52,611.96	0.00
	VAE	1,657.906	0.000	-4,009,512.08	0.00
NVVN	-10,898.268	-10,707.454	280,590.015	-3,071.31	
CHUZACHEN	2,611.680	2,728.620	181,188.505	-1,301.18	
31/07/16	<b>BSPHCL</b>	<b>-71,925.037</b>	<b>-69,451.619</b>	<b>2,455,892.13</b>	<b>-36,607.48</b>
	JUVNL	-15,581.260	-15,585.858	-259,035.05	-333,174.95
	DVC	16,404.623	14,420.146	-2,169,771.22	-281,106.23
	GRIDCO	-26,337.872	-27,250.802	-1,137,999.78	-95,982.93
	SIKKIM	-1,383.970	-877.261	608,502.37	-34,553.83
	WBSETCL	-41,474.620	-44,161.349	-2,841,107.73	-214,775.25
	NER	10,030.163	-2,879.965	-16,419,530.37	-13,862,463.01
	NR	-50,706.288	-58,438.164	-6,847,996.62	-4,027,757.71
	SR	-18,651.553	-7,368.873	13,089,866.54	-633,418.68
	WR	-4,984.447	14,717.864	22,562,724.65	-1,430,039.48
	FSPPP-I & II	27,127.083	26,921.873	-690,993.59	-381,429.78
	KHSTPP-I	14,035.022	13,855.206	-175,810.84	0.00
	TSTPP	21,015.306	20,883.181	-78,872.41	-10,658.26
	RANGIT	1,449.000	1,485.893	37,506.51	-2,317.56
	CHPC	6,000.000	7,380.247	3,105,555.96	0.00
	KHPC	1,800.000	2,318.929	1,027,479.82	0.00
	THPC	20,400.000	18,652.371	-3,440,306.37	0.00
	KHSTPP-II	23,930.704	23,805.919	-136,393.951	-5,891.04
	FSPPP-III	9,037.453	8,948.708	-84,392.779	-6,260.46
	TEESTA	12,108.000	12,202.473	107,605.881	-970.90
	MAITHON R/B	18,406.000	18,357.054	32,211.879	-467.24
	VEDANTA	0.000	419.318	-515,320.783	0.00
	BARH	23,611.116	22,655.454	-1,221,274.282	-5,172.52
	NVVN-NEPAL	-1,200.720	-1,344.192	-183,900.272	0.00
	APNRL	5,312.572	5,243.636	-72,411.549	0.00
	GMRKEL	7,476.470	7,268.000	-57,082.173	0.00
	JITPL	18,323.570	18,261.382	-68,961.828	-2,936.92
	TPTCL	2,758.870	2,946.601	125,230.32	-54,491.37
	BRBCL	0.000	-30.836	-39,092.102	0.00
	TALCHER SOLAR	25.432	20.316	-51,149.61	0.00
	JORETHANG HEP	1,583.100	459.736	-1,395,812.56	-116,518.38
	IND BARATH	0.000	-34.255	-40,869.93	0.00
	VAE	5,176.474	0.000	-7,170,067.52	0.00
NVVN	-10,992.563	-10,907.563	113,979.591	-6,602.60	
CHUZACHEN	2,611.680	2,731.203	155,203.021	-4,175.88	

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
<b>FOR THE WEEK FROM 25/07/16 TO 31/07/16</b>	BSPHCL	-485573.96	-475296.14	-1,639,992.00	-979,645.88
	JUVNL	-111730.15	-110070.30	-2,320,098.00	-642,206.83
	DVC	133233.77	127458.58	-7,277,648.00	-3,023,057.44
	GRIDCO	-188363.10	-194041.42	-4,210,925.00	-1,180,021.80
	SIKKIM	-8259.42	-7186.14	2,265,639.00	-45,563.13
	WBSETCL	-288675.30	-305166.56	-24,506,799.00	-2,930,600.10
	NER	85302.67	-17701.02	-174,555,015.00	0.00
	NR	-422120.12	-405207.60	31,320,812.00	0.00
	SR	-106850.22	-69533.60	60,273,035.00	0.00
	WR	-40570.84	55641.74	149,116,373.00	0.00
	FSPPP-I & II	185054.19	181788.72	-5,397,502.86	-413,329.62
	KHSTPP-I	105711.53	102892.59	-3,963,773.46	0.00
	KHSTPP-II	132974.71	131804.67	-1,239,736.96	-5,891.04
	TSTPP	149856.90	148802.12	-826,582.01	-11,355.94
	FSPPP-III	65948.58	65094.71	-1,180,045.00	-25,898.05
	TEESTA	82941.00	83656.69	1,587,520.00	-4,842.18
	MAITHON R/B	134956.25	135683.34	2,466,247.39	-467.24
	VEDANTA	0.00	-1933.05	-3,211,862.00	0.00
	RANGIT	10122.00	10306.38	242,716.00	-6,888.60
	BARH	168573.86	162721.42	-8,575,761.59	-94,556.25
	NVVN-NEPAL	-8405.04	-9414.49	-1593721.14	0.00
	APNRL	57627.21	55210.98	-3,458,620.00	-679,294.40
	GMRKEL	52236.32	51798.25	412,778.00	-2,352.58
	JITPL	145299.87	145122.53	-2,881,497.49	-2,134,868.80
	TPTCL	20546.59	20606.82	-97532.70	-54491.37
	BRBCL	0.00	-237.78	-398357.17	0.00
	TALCHER SOLAR	176.52	176.59	-20664.56	0.00
	JORETHANG HEP	15399.90	12650.37	-4667339.28	-896983.85
	IND BARATH	0.00	-263.49	-433285.12	0.00
	VAE	500.42	0.00	2892772.23	0.00
	NVVN-BD	-73693.30	-73449.02	407,777.00	-15,657.97
	CHUZACHEN	18281.76	19133.26	1,442,826.00	-9,595.98

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: 11/08/16

RRAS Account for Week: 25.07.16 TO 31.07.16

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	1465.61501	1154905	3524804	732808	5412516
2	FSTPP-III	1009.99528	1661947	2215930	504998	4382875
3	KhSTPP-I	1214.55499	1134394	2829913	607277	4571585
4	KhSTPP-II	3585.06937	4147925	7962439	1792535	13902899
5	TSTPP-I	782.37522	619641	1422358	391188	2433187
6	BARH STPP-II	3304.75000	6312073	8701407	1652375	16665854

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	3467.159790	8338519	6253889
2	FSTPP-III	765.625000	1679781	1259836
3	KhSTPP-I	1221.630000	2846398	2134798
4	KhSTPP-II	550.750000	1223216	917412
5	TSTPP-I	1542.500000	2804265	2103199
6	BARH STPP-II	2089.726615	5502250	4126688

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	1465.615009	336500	BSEB
			101441	JSEB
			28352	DVC
			78456	GRIDCO
			346095	WBSEB
			113025	SIKKIM
			63182	DELHI
			3665	PUNJAB.
			27788	RAJASTHAN
			25704	HARYANA
			1636	ASSAM
2	FSTPP III	1009.995284	29060	AR.PRADESH
			540202	BSEB
			250494	JSEB
			175296	DVC
			81184	GRIDCO
			604955	WBSEB
3	KhSTPP-I	1214.554991	9816	ASSAM
			169289	BSEB
			41348	JSEB
			20668	DVC
			19235	GRIDCO
			95129	SIKKIM
			2229	UP
			207816	DELHI
			152801	PUNJAB.
			215531	RAJASTHAN
			113292	HARYANA
			70868	ASSAM
			26187	AR.PRADESH
4	KhSTPP-II	3585.069366	44596	BSEB
			25729	JSEB
			30727	DVC
			35112	GRIDCO
			31890	SIKKIM
			7632	UP
			17010	UTTARANCHAL
			625613	DELHI
			17849	PUNJAB.
			681199	RAJASTHAN
			262925	HARYANA
			2568	HP
			886296	M.P
			74385	CHHATISGARH
			84400	MAHA RASHTRA
			942319	GUJRAT
			377676	ASSAM
5	TSSTPP-I	782.375222	253243	JSEB
			46761	DVC
			111903	SIKKIM
			175450	ASSAM
			32284	AR.PRADESH
6	BARH STPP-II	3304.750000	4047121	BSEB
			1376816	JSEB
			253073	GRIDCO
			635062	SIKKIM

A) RRAS settlement account for the week 25.07.16 TO 31.07.16 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.

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 .