



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

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



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NO: ERPC/COM-II/ABT-DC/2017

Date: 09.08.2017

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 17.07.2017 to 23.07.2017**

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.BANDYOPADHYAY)**  
**MEMBER SECRETARY**

## List of Addressee

1. CE (Trans/O&M), BSEB, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSEB, Vidyut Bhavan, 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, Loknaya 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)
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

**ABT based Deviation Charge Account  
For the period 17.07.17 TO 23.07.17**

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
WBSETCL	412.24476	50.82023	463.06500	DVC	180.98076	4.33940	176.64136
JUVNL	122.30413	30.86011	153.16424	SIKKIM	16.25931	0.35424	15.90506
BSPHCL	112.61541	17.38526	130.00067	HVDC SASARAM	0.83604	0.00547	0.83057
GRIDCO	36.01740	13.58641	49.60381	WR	3852.60891	0.00000	3852.60891
NER	2407.59353	0.00000	2407.59353	MAITHON R/B	22.41298	0.00000	22.41298
SR	686.58919	0.00000	686.58919	TEESTA	30.13337	0.23390	29.89947
NR	329.28352	0.00000	329.28352	Teesta-III(TUL)	29.46222	0.11922	29.34299
NVVN-NEPAL	21.15021	0.02215	21.17236	DIKCHU	15.51664	0.19994	15.31670
NVVN-BD	1.44383	0.00406	1.44789	JORETHANG LOOP HEP	14.49510	0.00365	14.49145
BARH	144.48447	0.17905	144.66353	RANGIT	5.75635	0.05464	5.70171
FSTPP I&II	56.62373	0.89786	57.52160	CHUZACHEN	1.17298	1.25581	-0.08282
KHSTPP-II	26.62895	0.05789	26.68683	JITPL	15.47205	10.47660	4.99546
KHSTPP-I	23.67471	0.50463	24.17933	APNRL	0.81275	5.42871	-4.61596
TSTPP	19.23282	1.47073	20.70355	Adj for NR(for 13.04.17 &14.04.17)	1.30680	0.00000	1.30680
GMRKEL	17.57144	1.87488	19.44632	Adj for BSPHCL(for 19.04.17 )	0.83529	0.00000	0.83529
FSTPP-III	16.46481	0.03083	16.49564	Adj for JUVNL(for 19.04.17 )	2.65397	0.00000	2.65397
BRBCL	3.47836	0.00000	3.47836	Adj for WBSETCL(for 19.04.17 )	0.01596	0.00000	0.01596
TPTCL	54.34812	0.81056	55.15868	Adj for NR(for 19.04.17 )	0.06714	0.00000	0.06714
IND BARATH	2.31013	0.00000	2.31013	Adj for WR(for 19.04.17 )	0.11634	0.00000	0.11634
Adj for TPTCL(for 13.04.17 &14.04.17)	1.31423	0.00000	1.31423	Adj for KHSTPP-II(for 19.04.17 )	13.08287	0.00000	13.08287
Adj for KHSTPP-I(for 19.04.17 )	0.74430	0.00000	0.74430				
Adj for NER(for 19.04.17 )	16.16627	0.00000	16.16627				
<b>TOTAL</b>	<b>4512.28430</b>	<b>118.50467</b>	<b>4630.78897</b>		<b>4203.99784</b>	<b>22.47158</b>	<b>4181.52625</b>

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

**140.97625**

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>4512.28430</b>
<b>Payable from the pool(B):</b>	<b>4203.99784</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>308.28647</b>
<b>Additional Deviation Amount:</b>	<b>140.97625</b>
<b>VAE of Eastern Region:</b>	<b>290.80172</b>

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

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 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 % 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.

xxvi)As per CERC order No. 1/14/2015, dated 07/08/2015, Deviation Accounting of 10MW Talcher Solar has commenced w.e.f 01/11/2015

xxvii) As per SOR of CERC (Ancillary Services Operation) Regulation 2015, DSM Accounting of VAE has been done and reflected accordingly.

xxviii) As informed by ERLDC, HVDC SASARAM has been included in the pool from the week of 22.08.2016 to 28.08.2016 and reflected accordingly.

**xxix) As informed by ERLDC and as per the Deliberation of meeting held on 14/10/2016 at ERPC,VEDANTA would be treated as an Embedded customer under the jurisdiction of SLDC Odisha, w.e.f 24/10/2016.**

xxx) As informed by ERLDC, Unit-01 of BRBCL Nabainagar is declared Commercial Operational wef 00:00 Hrs of 15.01.17.

xxxi) As informed by ERLDC, TUL unit-02, 03 & 04 declared COD wef 00:00 Hrs of 23.02.17. TUL Unit 01,05 & 06 declared COD wef 00:00 Hrs of 28.02.17.

xxxii) As decided in the special meeting held on 25.01.17 at ERPC Kolkata , the jurisdiction of KBUNL Stage II is to be shifted from ERLDC to SLDC Bihar immediately w.e.f 06.02.2017 to enable full load trial operation.

xxxiii) As informed by ERLDC, Dikchu Unit 1 & 2 started injecting Infirm Power wef 31.03.17.

xxxiv) As informed by ERLDC, BRBCL Unit-2 started drawing startup drawl Power/Infirm Injection wef 01.04.17.

xxxv)As informed by ERLDC Dikchu U-01 is declared COD wef 00:00 Hrs of 12.04.17 & Dikchu U-01 is being scheduled wef 19.04.17.

xxxvi) As informed by ERLDC Dikchu Unit-2 has been declared COD wef 00:00 Hrs of 28.05.17

**xxxvii) Adjustment has been done due to revised schedules of the dates 13.04.17,14.04.17 and 19.04.17**

**ERPC, KOLKATA**  
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 1 of 1
					ADDITIONAL DEVIATION CHARGE IN Rs.
17/07/17	<b>BSPHCL</b>	<b>-79,798.118</b>	<b>-80,878.613</b>	<b>-25,87,395.46</b>	<b>-1,76,087.31</b>
	JUVNL	-17,374.665	-17,431.414	-3,64,988.22	-11,511.49
	DVC	34,054.525	34,864.156	17,64,389.40	-3,102.72
	GRIDCO	-32,008.608	-31,266.142	18,06,717.11	-1,036.08
	SIKKIM	-855.938	-1,095.236	-4,83,110.03	0.00
	WBSETCL	-58,645.433	-62,179.877	-73,33,385.89	-12,40,506.76
	NER	3,310.762	-17,510.610	-431,10,974.37	-396,59,022.80
	NR	-59,979.269	-54,273.495	116,57,946.52	-18,18,686.88
	SR	-30,886.057	-32,517.964	-37,67,427.56	-70,16,352.02
	WR	17,674.628	37,713.689	415,62,438.99	-25,048.99
	FSTPP-I & II	27,621.784	26,956.729	-12,68,413.58	0.00
	KHSTPP-I	14,829.477	14,628.971	-3,89,188.86	-180.46
	TSTPP	21,144.660	21,050.766	-2,23,689.71	0.00
	RANGIT	1,386.000	1,447.519	1,23,986.15	0.00
	CHPC	5,980.000	9,731.976	84,41,947.10	0.00
	KHPC	216.000	2,078.964	39,49,483.68	0.00
	THPC	25,949.000	20,405.446	-117,52,334.65	0.00
	KHSTPP-II	24,536.019	24,200.149	-6,53,280.92	-3,610.18
	FSTPP-III	7,989.523	7,663.852	-6,33,454.69	0.00
	TEESTA	12,129.000	12,370.691	5,12,751.39	-21,577.23
	MAITHON R/B	21,008.422	21,203.927	4,30,309.17	0.00
	BARH	28,503.573	26,824.254	-34,01,449.893	-1,637.50
	NVVN-NEPAL	-2,395.075	-2,444.698	-1,51,163.055	0.00
	APNRL	10,077.511	10,154.691	1,50,323.067	0.00
	GMRKEL	7,708.200	7,663.782	-69,076.938	-231.98
	JITPL	8,587.808	8,702.473	2,03,101.11	-1,641.62
	TPTCL	2,610.462	1,663.608	-19,33,569.16	-15,901.12
	BRBCL	0.000	-22.080	-44,590.053	0.00
	TALCHER SOLAR	19.130	24.804	44,141.44	0.00
	JORETHANG HEP	2,303.826	2,404.384	2,13,309.71	0.00
	IND Barath	0.000	-11.055	-24,047.16	0.00
	HVDC SASARAM	-26.666	-20.673	12,411.351	0.00
	VAE	-2,077.605	0.000	37,55,721.528	0.00
	NVVN	-12,150.518	-12,134.836	31,549.434	0.00
	CHUZACHEN	2,370.203	2,412.657	87,784.311	0.00
	TUL	21,095.262	21,272.291	3,75,826.861	0.00
DIKCHU	2,296.558	2,414.727	2,45,024.530	0.00	
BRBCL INFIRM	0.000	-88.320	-1,81,486.636	0.00	
18/07/17	<b>BSPHCL</b>	<b>-74,599.786</b>	<b>-76,343.360</b>	<b>-44,82,298.36</b>	<b>-11,04,687.91</b>
	JUVNL	-17,634.461	-17,751.417	-9,48,061.10	-4,02,593.82
	DVC	35,195.532	36,474.961	28,79,310.96	-5,488.66
	GRIDCO	-32,460.593	-33,039.236	-7,06,944.66	-2,81,636.34
	SIKKIM	-1,052.600	-1,133.243	-2,08,165.77	0.00
	WBSETCL	-61,189.086	-66,296.708	-112,97,945.60	-19,06,478.99
	NER	-142.289	-25,002.639	-567,39,079.64	-528,34,839.17
	NR	-57,185.711	-57,972.478	-34,88,881.83	-71,48,552.73
	SR	-32,395.809	-27,477.334	124,45,772.83	-28,59,803.97
	WR	17,531.369	44,326.284	600,11,110.05	-1,49,120.04
	FSTPP-I & II	30,759.963	30,161.390	-11,10,283.37	0.00
	KHSTPP-I	14,758.230	14,611.248	-70,199.71	-4,856.87
	TSTPP	21,902.681	21,796.765	-1,36,164.51	0.00
	RANGIT	1,386.000	1,434.530	1,03,337.54	0.00
	CHPC	6,408.000	9,705.233	74,18,773.60	0.00
	KHPC	1,560.000	2,275.970	15,17,857.25	0.00
	THPC	25,248.000	20,349.371	-103,85,093.26	0.00
	KHSTPP-II	29,148.893	28,807.934	-3,92,296.419	0.00
	FSTPP-III	7,724.127	7,544.791	-3,83,926.981	0.00
	TEESTA	12,129.000	12,370.363	5,87,614.794	0.00
	MAITHON R/B	20,982.606	21,155.418	5,41,732.694	0.00
	BARH	21,793.925	20,888.400	-18,33,927.823	-12,942.23
	NVVN-NEPAL	-2,395.075	-2,630.563	-4,58,176.234	0.00
	APNRL	8,465.879	8,154.545	-7,72,123.353	-4,81,911.99
	GMRKEL	7,726.010	7,590.836	-1,41,469.833	0.00
	JITPL	8,163.706	7,935.418	-7,02,245.685	-10,45,501.21
	TPTCL	2,502.741	1,595.371	-21,06,847.78	-16,281.94
	BRBCL	0.000	-22.161	-47,764.880	0.00
	TALCHER SOLAR	33.758	26.283	-80,374.844	0.00
	JORETHANG HEP	2,303.826	2,453.536	3,68,735.610	0.00
	IND Barath	0.000	-12.000	-27,606.358	0.00
	HVDC SASARAM	-26.058	-20.256	13,384.583	0.00
	VAE	-3,160.875	0.000	64,51,669.758	0.00
	NVVN	-12,163.261	-12,138.654	56,285.962	0.00
	CHUZACHEN	2,373.983	2,416.356	99,508.864	0.00
	TUL	21,095.262	21,278.182	4,91,245.119	0.00
DIKCHU	2,296.558	2,415.182	2,75,221.026	0.00	
BRBCL INFIRM	0.000	-88.643	-2,09,553.535	0.00	
19/07/17	<b>BSPHCL</b>	<b>-74,265.798</b>	<b>-72,154.337</b>	<b>25,36,035.48</b>	<b>-56,016.15</b>
	JUVNL	-16,877.402	-18,139.813	-31,79,259.18	-8,15,674.87
	DVC	30,768.992	31,092.713	10,13,091.54	0.00
	GRIDCO	-40,747.114	-41,938.797	-25,31,325.28	-3,11,362.59
	SIKKIM	-1,318.286	-838.258	8,66,354.13	-14,012.23
	WBSETCL	-63,385.229	-65,504.984	-35,45,604.07	-6,11,160.06
	NER	2,144.552	-14,378.144	-301,31,029.28	-271,43,170.88
	NR	-54,778.384	-63,091.169	-156,04,012.07	-96,07,828.72
	SR	-25,215.477	-25,286.644	-1,47,214.91	-39,08,855.36
	WR	18,453.056	46,086.438	496,05,392.45	-4,91,332.73
	FSTPP-I & II	29,019.833	28,454.699	-11,71,032.14	-73,059.24
	KHSTPP-I	14,894.470	14,516.345	-4,91,129.76	-17,090.44
	TSTPP	21,959.249	21,694.857	-3,88,864.26	-158.45
	RANGIT	1,386.000	1,443.301	66,584.86	-1,411.90
	CHPC	6,480.000	9,635.042	70,98,845.53	0.00
	KHPC	1,488.000	2,117.120	13,33,735.25	0.00
	THPC	25,607.500	20,202.200	-114,59,235.52	0.00
	KHSTPP-II	28,680.127	27,999.350	-9,25,070.558	-1,294.46
	FSTPP-III	7,292.122	7,117.300	-2,34,535.030	0.00
	TEESTA	12,129.000	12,367.673	4,60,814.065	-1,229.81
	MAITHON R/B	22,152.545	22,141.272	2,12,742.210	0.00
	BARH	27,794.793	26,611.527	-19,00,656.231	-921.35
	NVVN-NEPAL	-2,395.075	-2,521.872	-2,78,266.530	-1,569.07
	APNRL	5,322.823	5,351.854	95,612.889	-551.79
	GMRKEL	7,741.329	7,425.818	-3,41,356.337	0.00
	JITPL	8,092.932	8,447.418	7,19,986.720	-516.83
	TPTCL	2,226.675	1,577.299	-11,97,960.45	-8,310.42
	BRBCL	0.000	-22.883	-36,838.945	0.00
	TALCHER SOLAR	30.073	31.321	4,247.050	0.00
	JORETHANG HEP	2,231.907	2,218.240	1,28,417.724	0.00
	IND Barath	0.000	-12.800	-23,205.440	0.00
	HVDC SASARAM	-26.072	-19.728	10,893.557	-103.76
	VAE	-3,269.438	0.000	59,35,049.222	0.00
	NVVN	-12,127.572	-12,121.709	-8,678.555	0.00
	CHUZACHEN	2,375.290	2,425.923	91,259.470	-958.34
	TUL	21,095.262	21,248.363	3,74,253.621	-976.49
DIKCHU	2,296.558	2,414.000	2,11,543.877	-1,594.35	
BRBCL INFIRM	0.000	-91.531	-1,65,008.333	0.00	

**ERPC, KOLKATA**  
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENTOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 2 of 2
					Additional Deviation Charge in Rs.
20/07/17	<b>BSPHCL</b>	<b>-72,181.512</b>	<b>-70,950.336</b>	<b>2,04,703.85</b>	<b>-1,49,936.81</b>
	JUVNL	-16,047.327	-15,656.724	-5,42,216.83	-1,33,605.39
	DVC	30,273.223	29,954.424	-28,970.70	-98,428.39
	GRIDCO	-33,337.092	-34,340.530	-15,52,820.75	-88,799.18
	SIKKIM	-929.844	-918.827	-17,138.94	-7,163.69
	WBSETCL	-53,531.380	-55,742.994	-41,94,841.86	-6,25,505.23
	NER	-20.667	-19,042.267	-310,98,597.84	-283,92,098.90
	NR	-56,909.655	-56,744.950	-20,79,935.21	-22,50,235.61
	SR	-24,484.197	-35,979.501	-192,54,850.38	-143,70,572.84
	WR	13,964.952	48,002.721	579,15,834.90	-8,35,724.10
	FSTPP-I & II	23,965.961	23,791.875	-4,44,908.75	-3,808.96
	KHSTPP-I	13,623.616	13,425.575	-4,09,580.69	-6,838.19
	TSTPP	21,855.737	21,622.294	-2,60,230.30	0.00
	RANGIT	1,386.000	1,439.638	75,399.74	-1,488.79
	CHPC	6,672.000	9,644.397	66,87,894.03	0.00
	KHPC	1,440.000	2,106.886	14,13,797.47	0.00
	THPC	25,104.000	20,221.815	-103,50,232.17	0.00
	KHSTPP-II	23,421.306	23,183.148	-2,42,291.29	0.00
	FSTPP-III	6,915.252	6,914.561	-10,939.82	-1,468.20
	TEESTA	12,129.000	12,352.545	4,11,839.85	-582.54
	MAITHON R/B	19,903.407	20,006.363	3,81,575.03	0.00
	BARH	27,814.187	26,581.963	-17,34,269.268	-1,792.40
	NVVN-NEPAL	-2,395.075	-2,614.800	-3,67,091.469	0.00
	APNRL	5,345.411	5,316.291	-7,551.52	0.00
	GMRKEL	7,303.899	7,064.873	-2,81,892.87	-815.56
	JITPL	8,564.527	8,657.018	2,83,782.27	0.00
	TPTCL	2,273.287	1,797.716	-7,88,781.70	-15,400.20
	BRBCL	0.000	-25.647	-42,171.986	0.00
	TALCHER SOLAR	21.888	20.856	-10,583.03	0.00
	JORETHANG HEP	2,303.826	2,419.552	2,22,648.19	-117.15
	IND Barath	0.000	-21.964	-28,323.48	0.00
	HVDC SASARAM	-26.058	-18.906	11,538.12	-128.59
	VAE	-1,320.550	0.000	31,07,082.65	0.00
	NVVN	-12,082.539	-12,111.891	-25,482.72	0.00
	CHUZACHEN	2,375.290	2,425.653	82,267.72	-910.28
	TUL	21,095.257	21,276.363	3,49,399.115	-1,235.40
DIKCHU	2,296.558	2,414.636	1,92,071.171	-2,241.62	
BRBCL_INFIRM	0.000	-102.589	-1,73,007.293	0.00	
21/07/17	<b>BSPHCL</b>	<b>-70,856.778</b>	<b>-70,381.283</b>	<b>-388.95</b>	<b>-64,215.31</b>
	JUVNL	-15,596.463	-17,053.953	-32,90,880.48	-5,83,261.32
	DVC	24,387.301	24,437.277	4,00,044.86	-2,69,238.01
	GRIDCO	-27,739.733	-29,507.556	-30,44,128.05	-1,49,706.78
	SIKKIM	-1,166.661	-1,072.330	88,440.77	0.00
	WBSETCL	-48,116.002	-50,112.620	-34,94,516.29	-97,653.90
	NER	-1,268.532	-18,869.680	-349,70,550.31	-316,68,796.77
	NR	-56,015.210	-55,728.175	36,79,555.44	-16,72,416.03
	SR	-27,249.099	-40,457.286	-270,59,631.96	-194,73,658.10
	WR	11,626.665	45,809.774	646,08,059.24	0.00
	FSTPP-I & II	25,617.306	25,060.106	-12,79,702.48	-13.15
	KHSTPP-I	13,786.012	13,607.613	-3,85,954.81	-5,126.42
	TSTPP	22,180.847	22,151.230	29,450.39	0.00
	RANGIT	1,386.000	1,425.056	69,838.49	0.00
	CHPC	6,240.000	9,503.672	73,43,262.16	0.00
	KHPC	1,440.000	2,468.714	21,80,874.53	0.00
	THPC	25,032.000	19,926.750	-108,23,129.20	0.00
	KHSTPP-II	21,972.310	21,829.025	-1,05,265.567	0.00
	FSTPP-III	7,120.387	7,019.021	-2,87,277.804	0.00
	TEESTA	12,129.000	12,356.836	4,77,141.179	0.00
	MAITHON R/B	21,408.134	21,493.527	2,41,571.227	0.00
	BARH	25,425.996	24,406.036	-23,00,495.151	0.00
	NVVN-NEPAL	-2,395.075	-2,666.890	-4,88,785.097	0.00
	APNRL	6,487.199	6,766.182	5,01,580.178	0.00
	GMRKEL	7,548.708	7,406.909	-1,27,473.070	0.00
	JITPL	7,730.120	8,016.073	6,55,572.648	0.00
	TPTCL	2,317.101	2,685.190	6,23,597.98	0.00
	BRBCL	0.000	-40.808	-78,316.472	0.00
	TALCHER SOLAR	32.203	29.037	-30,482.12	0.00
	JORETHANG HEP	2,231.907	2,272.992	1,49,987.04	-12.79
	IND Barath	0.000	-10.545	-19,170.13	0.00
	HVDC SASARAM	-26.058	-19.372	12,996.79	0.00
	VAE	-2,406.748	0.000	48,12,502.87	0.00
	NVVN	-11,962.892	-12,081.236	-2,45,805.358	0.00
	CHUZACHEN	2,375.290	2,188.089	-3,84,628.123	-1,21,752.35
	TUL	20,766.557	21,075.273	6,74,901.042	0.00
DIKCHU	2,296.558	2,414.545	2,32,967.009	0.00	
BRBCL_INFIRM	0.000	-163.233	-3,24,700.627	0.00	
22/07/17	<b>BSPHCL</b>	<b>-73,918.708</b>	<b>-75,348.565</b>	<b>-30,41,749.36</b>	<b>-1,06,378.26</b>
	JUVNL	-14,069.771	-14,908.150	-18,90,008.77	-9,06,804.09
	DVC	20,509.239	21,927.567	15,98,695.01	-4,700.59
	GRIDCO	-26,709.487	-27,080.674	1,38,467.87	-82,259.61
	SIKKIM	-1,184.202	-1,142.755	1,54,219.35	0.00
	WBSETCL	-46,486.922	-49,056.857	-41,88,228.99	-3,14,264.40
	NER	644.332	-15,814.096	-297,11,457.83	-267,29,501.51
	NR	-45,024.792	-52,512.848	-137,15,577.34	-81,44,248.27
	SR	-29,866.861	-44,143.782	-258,16,372.61	-181,49,475.60
	WR	2,232.701	43,500.015	728,72,019.56	0.00
	FSTPP-I & II	26,104.234	25,879.094	-4,91,775.68	-363.91
	KHSTPP-I	14,418.372	14,109.547	-5,49,198.63	-1,597.82
	TSTPP	21,160.342	21,007.645	-2,16,981.56	0.00
	RANGIT	1,386.000	1,428.350	73,515.08	0.00
	CHPC	6,528.000	9,425.151	65,18,589.10	0.00
	KHPC	240.000	2,267.154	42,97,566.48	0.00
	THPC	25,008.000	19,762.111	-111,21,283.91	0.00
	KHSTPP-II	21,656.761	21,427.082	-1,88,118.481	0.00
	FSTPP-III	6,813.676	6,770.578	-50,289.237	0.00
	TEESTA	12,129.000	12,295.818	3,38,297.865	0.00
	MAITHON R/B	20,392.071	20,477.527	3,51,541.609	0.00
	BARH	27,263.406	26,004.545	-20,90,736.133	0.00
	NVVN-NEPAL	-2,395.075	-2,496.355	-1,47,198.631	0.00
	APNRL	11,264.531	11,361.091	2,02,063.371	0.00
	GMRKEL	13,277.298	12,843.709	-5,31,722.326	-217.55
	JITPL	7,620.099	7,884.873	4,25,346.541	0.00
	TPTCL	2,522.948	2,328.234	-3,17,463.06	0.00
	BRBCL	0.000	-32.053	-56,292.255	0.00
	TALCHER SOLAR	12.998	14.619	14,709.75	0.00
	JORETHANG HEP	1,559.958	1,626.240	1,94,309.25	-0.83
	IND Barath	0.000	-19.709	-29,506.34	0.00
	HVDC SASARAM	-26.200	-19.352	12,120.23	0.00
	VAE	-2,717.460	0.000	49,42,640.22	0.00
	NVVN	-11,900.822	-11,876.109	12,924.630	0.00
	CHUZACHEN	1,682.497	1,715.760	68,042.335	0.00
	TUL	14,906.140	15,120.073	1,74,812.350	-9,710.48
DIKCHU	1,491.218	1,571.273	1,83,198.569	-13,455.240	
BRBCL_INFIRM	0.000	-128.211	-2,31,981.858	0.00	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 3 of 3
					Additional Deviation Charge in Rs.
23/07/17	BSPHCL	-74,073.432	-72,760.378	4,08,585.29	-81,204.48
	JUVNL	-13,454.072	-11,778.115	12,24,517.05	-2,32,560.36
	DVC	18,626.477	18,438.686	-22,736.02	-52,981.69
	GRIDCO	-21,275.932	-23,546.075	-21,93,572.64	-4,43,840.66
	SIKKIM	-1,156.422	-1,019.219	1,10,670.34	-14,248.40
	WBSETCL	-32,995.510	-35,603.259	-37,69,133.18	-2,86,453.80
	NER	1,102.970	-11,313.410	-149,97,663.73	-128,23,170.93
	NR	-48,444.151	-59,766.340	-133,77,447.58	-73,60,792.48
	SR	-35,170.529	-38,813.339	-50,59,194.33	-42,25,529.27
	WR	9,040.132	41,753.325	386,86,035.57	-15,17,364.50
	FSTPP-I & II	21,781.220	21,929.072	1,03,742.83	-12,541.24
	KHSTPP-I	12,218.806	12,145.900	-72,218.21	-14,772.35
	TSTPP	19,312.198	18,671.683	-7,26,801.99	-1,46,914.75
	RANGIT	1,386.000	1,434.713	62,973.07	-2,563.20
	KHPC	6,528.000	9,708.926	71,57,082.51	0.00
	KHPC	240.000	2,211.797	41,80,209.22	0.00
	THPC	25,008.000	20,357.114	-98,59,878.22	0.00
	KHSTPP-II	19,181.438	19,027.573	-1,56,571.452	-883.92
	FSTPP-III	6,389.922	6,373.218	-46,057.629	-1,614.46
	TEESTA	12,129.000	12,260.763	2,24,877.569	0.00
	MAITHON R/B	19,529.287	19,447.345	81,826.409	0.00
	BARH	23,114.915	21,894.109	-11,86,912.899	-611.71
	NVVN-NEPAL	-2,395.075	-2,558.918	-2,24,339.664	-646.32
	APNRL	5,563.524	5,459.854	-88,629.405	-60,407.48
	GMRKEL	13,650.423	13,044.073	-2,64,152.554	-1,86,222.86
	JITPL	8,037.159	7,946.982	-38,338.392	0.00
	TPTCL	1,974.922	2,225.665	2,86,212.25	-25,162.64
	BRBCL	0.000	-31.322	-41,861.624	0.00
	TALCHER SOLAR	4.693	5.293	5,615.14	0.00
	JORETHANG HEP	1,991.521	2,084.032	1,72,102.95	-234.31
	IND Barath	0.000	-66.327	-79,153.93	0.00
	HVDC SASARAM	-26.737	-18.719	10,259.10	-314.38
	VAE	134.191	0.000	75,506.01	0.00
	NVVN	-12,127.183	-12,101.782	34,824.035	-406.37
	CHUZACHEN	2,053.074	2,109.195	73,063.686	-1,959.65
	TUL	16,133.367	16,469.163	5,05,783.533	0.00
	DIKCHU	1,986.727	2,133.000	2,11,638.272	-2,703.25
	BRBCL INFIRM	0.000	-125.287	-1,72,035.148	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 17/07/17 TO 23/07/17	BSPHCL	-5,19,694.13	-5,18,816.87	-112,61,541.00	-17,38,526.23
	JUVNL	-1,11,054.16	-1,12,719.59	-122,30,413.00	-30,86,011.34
	DVC	1,93,815.29	1,97,189.78	180,98,076.00	-4,33,940.06
	GRIDCO	-2,14,278.56	-2,20,719.01	-36,01,740.00	-13,58,641.24
	SIKKIM	-7,663.95	-7,219.87	16,25,931.00	-35,424.32
	WBSETCL	-3,64,349.56	-3,84,497.30	-412,24,476.00	-50,82,023.15
	NER	5,771.13	-1,21,930.85	-2407,59,353.00	0.00
	NR	-3,78,337.17	-4,00,089.45	-329,28,352.00	0.00
	SR	-2,05,268.03	-2,44,675.85	-686,58,919.00	0.00
	WR	90,523.50	3,07,192.25	3852,60,891.00	0.00
	FSTPP-I & II	1,84,870.30	1,82,232.96	-56,62,373.16	-89,786.49
	KHSTPP-I	98,528.98	97,045.20	-23,67,470.66	-50,462.55
	KHSTPP-II	1,68,596.85	1,66,474.26	-26,62,894.69	-5,788.56
	TSTPP	1,49,515.71	1,47,995.24	-19,23,281.93	-1,47,073.20
	FSTPP-III	50,245.01	49,403.32	-16,46,481.19	-3,082.67
	TEESTA	84,903.00	86,374.69	30,13,337.00	-23,389.59
	MAITHON R/B	1,45,376.47	1,45,925.38	22,41,298.35	0.00
	RANGIT	9,702.00	10,053.11	5,75,635.00	-5,463.89
	BARH	1,81,710.79	1,73,210.83	-144,48,447.40	-17,905.19
	NVVN-NEPAL	-16,765.53	-17,934.10	-21,15,021.00	-2,215.39
	APNRL	52,526.88	52,564.51	81,275.00	-5,42,871.26
	GMRKEL	64,955.87	63,040.00	-17,57,144.00	-1,87,487.96
	JITPL	56,796.35	57,590.25	15,47,205.00	-10,47,659.66
	TPTCL	16,428.14	13,873.08	-54,34,812.00	-81,056.32
	BRBCL	0.00	-196.95	-3,47,836.21	0.00
	TALCHER SOLAR	154.74	152.21	-52,727.00	0.00
	JORETHANG HEP	14,926.77	15,478.98	14,49,510.00	-365.09
	IND Barath	0.00	-154.40	-2,31,013.00	0.00
	HVDC SASARAM	-183.85	-137.01	83,604.00	-546.72
	VAE	-14,818.48	0.00	290,80,172.25	0.00
	NVVN-BD	-84,514.79	-84,566.22	-1,44,383.00	-406.37
	CHUZACHEN	15,605.63	15,693.63	1,17,298.00	-1,25,580.63
	TUL	1,36,187.11	1,37,739.71	29,46,221.64	-11,922.37
	DIKCHU	14,960.73	15,777.36	15,51,664.45	-19,994.46
	BRBCL INFIRM	0.00	-787.81	-14,57,773.43	0.00

**LEGEND:** Energy:(+ve) means injection, (-ve) means drawal  
Deviation Charge: (+ve) means receivable, (-ve) means payable

(+) means under drawal/ over injection  
(-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date: 08/08/2017

RRAS Account for Week: 17-Jul-17 to 23-Jul-17

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	2222.07500	1890986	6566231	1111037	9568255
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	2143.20000	2205353	6324582	1071599	9601536
4	KHSTPP-II	8975.52900	9908982	25319966	4487766	39716714
5	TSTPP-I	212.02300	198031	350687	106011	654728
6	BARH	3396.33200	6334159	8212330	1698166	16244654

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to 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	144.02062	425581	319186
2	FSTPP-III	0.00000	0	0
3	KHSTPP-I	67.61500	199532	149649
4	KHSTPP-II	52.14108	147090	110317
5	TSTPP-I	370.46579	612750	459563
6	BARH	932.08032	2253770	1690328



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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	2222.07500	930653	BSPHCL
			83925	JUVNL
			44208	DVC
			437968	GRIDCO
			55410	SIKKIM
			27045	WBSETCL
			8836	ASSAM
			147623	DELHI
			12564	HARYANA
			45131	PUNJAB
			97147	RAJASTHAN
476	UP			
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	2143.20000	414824	BSPHCL
			31548	DVC
			369325	GRIDCO
			61532	SIKKIM
			115940	WBSETCL
			15456	ASSAM
			564533	DELHI
			81919	HARYANA
			56111	PUNJAB
			394385	RAJASTHAN
99780	UP			
4	KHSTPP-II	8975.52900	148743	BSPHCL
			4697	JUVNL
			119067	DVC
			209921	GRIDCO
			37778	SIKKIM
			282274	WBSETCL
			512672	ASSAM
			172840	CHATTISGARH
			10291	DADRA & NAGAR
			1011502	DELHI
			1532716	GUJARAT
			351785	HARYANA
			46632	HP
			1487125	MAHARASHTRA
			1447419	MP
112620	PUNJAB			
1632164	RAJASTHAN			
644950	UP			
143786	UTTARAKHAND			
5	TSTPP-I	212.02300	10078	JUVNL
			61245	DVC
			49540	SIKKIM
			2023	WBSETCL
			75145	ASSAM
6	BARH	3396.33200	1061550	BSPHCL
			2809002	JUVNL
			2463607	GRIDCO

A) RRAS settlement account for the week 02.01.17 TO 08.01.17 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 and the same published in ERPC website as format AS-3.

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.