



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



आई एस ओ : 9001-2000
ISO: 9001-2000

Tel No. :033-24235199, 24235005 FAX No.:033-24221802, 24171358 Web: www.erpc.gov.in

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

Date: 18.08.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 24.07.2017 to 30.07.2017

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, 3rd Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JSEB, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JSEB, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (CLD), DVC, Maithon Dam, Dist. Dhanbad, Jharkhand-7 (Fax: 06540-274836 / 274838).
7. Sr. GM(PP), GRIDCO, 4th floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. CE (Trans.), Deptt. Of Power, Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (CLD), WBSETCL, PO. Danesh Sheikh Lane, Howrah-9. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayaak Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1st Floor, Module C/2, Fortune Towers, Jaidev vihar, Chandrashekharpur, BHUBANESHWAR – 751 023
19. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
20. GM, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
21. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
22. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
23. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
24. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
25. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
26. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
27. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
28. AGM, SO, NVVN, Core-3, 7th floor, SCOPE Complex, Lodhi Road, New Delhi-3 (Fax: 011-24367021)
29. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
30. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
31. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
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 24.07.17 TO 30.07.17**

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	542.88599	88.54204	631.42803	GRIDCO	20.56122	11.57949	8.98173
BSPHCL	322.60150	54.30549	376.90699	HVDC SASARAM	3.55553	0.01436	3.54117
DVC	81.96686	21.81896	103.78582	WR	6130.71308	0.00000	6130.71308
SIKKIM	19.22706	1.02951	20.25657	GMRKEL	51.22733	0.04132	51.18602
JUVNL	18.66029	14.70550	33.36579	MAITHON R/B	15.91268	0.16487	15.74781
NER	2681.65910	0.00000	2681.65910	TPTCL	31.36904	0.75863	30.61041
NR	1912.20815	0.00000	1912.20815	TEESTA	25.82955	0.02977	25.79978
SR	1145.50790	0.00000	1145.50790	DIKCHU	14.01902	0.79774	13.22127
NVVN-NEPAL	21.57331	0.26504	21.83835	Teesta-III(TUL)	11.34384	22.42477	-11.08094
NVVN-BD	5.06411	0.64715	5.71126	RANGIT	7.68155	0.04026	7.64129
FSTPP I&II	79.73320	1.00991	80.74310	JITPL	38.42945	0.27859	38.15086
BARH	60.94580	0.05602	61.00182	APNRL	11.67064	0.01601	11.65462
FSTPP-III	35.88930	3.08191	38.97121	TALCHER SOLAR	2.26808	0.00000	2.26808
KHSTPP-I	28.81768	0.49460	29.31228	BRBCL_INFIRM	63.84529	0.00000	63.84529
BRBCL	7.08921	0.00000	7.08921	Adj for WR(for 26.05.17)	11.01428	0.00000	11.01428
KHSTPP-II	6.07714	0.23097	6.30810	Adj for KHSTPP-I(for 26.05.17)	0.35090	0.00000	0.35090
TSTPP	0.47057	3.45903	3.92960	Adj for KHSTPP-II(for 26.05.17)	1.90329	0.00000	1.90329
JORETHANG LOOP HEP	8.64460	5.69850	14.34310	Adj for TSTPP-I(for 26.05.17)	0.30113	0.00000	0.30113
CHUZACHEN	1.39019	2.11849	3.50868				
IND BARATH	4.20783	0.00000	4.20783				
Adj for BSPHCL(for 26.05.17)	5.79493	0.00000	5.79493				
Adj for SR(for 26.05.17)	3.56000	0.00000	3.56000				
Adj for NVVN_NEPAL(for 26.05.17)	5.64184	0.00000	5.64184				
TOTAL	6999.61655	197.46311	7197.07965		6441.99589	36.14581	6405.85007

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

233.60892

(All figures in Rs. Lakhs)

Payable to the pool(A):	6999.61655
Payable from the pool(B):	6441.99589
Differential Amount Arising from capping of Thermal Power Stations(A-B)	557.62066
Additional Deviation Amount:	233.60892
VAE of Eastern Region:	494.11937

**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 date 26.05.17

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.
24/07/17	BSPHCL	-70,233.350	-69,642.502	-84,190.57	-3,17,188.01
	JUVNL	-12,397.347	-10,081.858	12,16,503.36	-42,144.80
	DVC	25,194.880	24,623.299	-6,65,885.60	-72,676.46
	GRIDCO	-22,361.740	-23,747.833	-11,70,124.36	-47,571.00
	SIKKIM	-1,094.063	-1,108.732	2,079.68	0.00
	WBSSETCL	-30,946.623	-32,771.214	-16,55,539.63	-1,57,287.42
	NER	650.675	-11,369.081	-170,04,674.14	-146,02,889.50
	NR	-45,441.667	-61,361.045	-227,44,954.35	-156,64,433.81
	SR	-37,236.131	-44,550.815	-141,74,217.24	-121,20,725.60
	WR	-4,013.379	34,190.476	549,80,255.64	-9,86,959.07
	FSTPP-I & II	21,690.868	21,471.791	-5,47,380.24	-7,235.76
	KHSTPP-I	12,522.974	12,295.528	-3,78,962.34	-4,895.60
	TSTPP	19,915.970	19,544.482	-3,13,916.85	-4,590.85
	RANGIT	1,386.000	1,431.427	57,741.25	-1,379.86
	CHPC	6,792.000	9,666.354	64,67,295.85	0.00
	KHPC	408.000	2,287.577	39,84,702.82	0.00
	THPC	25,032.000	20,267.852	-100,99,994.04	0.00
	KHSTPP-II	20,950.942	20,794.617	-1,96,844.34	0.00
	FSTPP-III	6,251.452	6,251.699	7,043.86	0.00
	TEESTA	12,129.000	12,290.254	2,66,720.15	-970.90
	MAITHON R/B	19,201.521	19,159.927	-13,950.80	0.00
	BARH	17,255.337	17,006.291	-4,39,096.532	-5,602.42
	NVVN-NEPAL	-2,396.780	-2,467.699	-1,22,941.491	-3,856.30
	APNRL	5,246.984	5,252.363	47,706.180	0.00
	GMRKEL	13,971.831	13,370.763	-5,35,739.150	-3,887.81
	JITPL	7,467.254	7,840.291	5,51,285.36	0.00
	TPTCL	2,260.647	2,705.099	7,00,082.63	-7,132.82
	BRBCL	0.000	-46.993	-67,583.088	0.00
	TALCHER SOLAR	7.325	8.311	9,220.97	0.00
	JORETHANG HEP	2,302.199	2,084.480	-5,26,570.18	-1,71,706.63
	IND Barath	0.000	-58.764	-77,323.90	0.00
	HVDC SASARAM	-26.775	-0.820	37,284.542	-478.83
	VAE	-2,309.643	0.000	47,13,459.415	0.00
	NVVN	-12,127.237	-12,186.327	-1,03,911.217	0.00
CHUZACHEN	2,373.371	2,068.020	-6,95,896.048	-1,94,797.10	
TUL	21,028.835	20,817.600	-6,67,081.410	-2,98,276.402	
DIKCHU	2,302.199	2,460.909	2,31,304.465	-2,137.029	
BRBCL INFIRM	0.000	-187.971	-2,76,449.623	0.000	
25/07/17	BSPHCL	-63,902.551	-61,422.300	31,60,926.27	-94,031.36
	JUVNL	-12,646.606	-9,132.662	19,76,648.60	-1,06,920.78
	DVC	29,655.937	29,968.358	11,87,860.36	-42,442.38
	GRIDCO	-24,528.116	-24,818.843	9,24,217.94	-35,258.53
	SIKKIM	-1,137.708	-1,048.241	95,135.14	-2,861.33
	WBSSETCL	-32,299.556	-34,223.622	-34,09,551.93	-3,90,006.77
	NER	-532.032	-19,326.275	-336,85,896.69	-305,73,618.77
	NR	-43,228.864	-58,696.979	-299,84,128.25	-210,77,036.00
	SR	-31,812.643	-47,508.082	-286,62,905.17	-195,11,673.92
	WR	-18,952.951	28,716.158	837,35,794.91	-10,23,010.20
	FSTPP-I & II	22,497.669	22,085.098	-12,01,776.19	-8,657.78
	KHSTPP-I	12,383.635	12,236.843	-4,50,226.48	-3,286.26
	TSTPP	18,565.305	18,484.420	-7,884.24	-12,028.09
	RANGIT	1,386.000	1,426.915	64,415.40	-1,183.34
	CHPC	7,080.000	9,560.153	55,80,344.82	0.00
	KHPC	1,440.000	2,432.495	21,04,088.98	0.00
	THPC	25,224.000	20,045.177	-109,79,105.04	0.00
	KHSTPP-II	20,533.193	20,421.889	-76,995.814	0.00
	FSTPP-III	6,707.996	6,582.210	-3,23,392.721	0.00
	TEESTA	12,129.000	12,310.145	3,78,057.993	-841.45
	MAITHON R/B	19,952.456	19,940.545	1,65,655.012	-2,559.18
	BARH	17,224.787	16,989.381	-6,52,887.629	0.00
	NVVN-NEPAL	-2,396.780	-2,562.547	-3,37,156.006	-2,625.97
	APNRL	5,186.560	5,236.509	1,27,250.845	-1,601.28
	GMRKEL	13,743.183	13,538.618	2,08,490.378	-107.01
	JITPL	6,257.057	7,619.927	18,57,211.406	-27,858.74
	TPTCL	2,365.810	2,760.866	7,70,149.79	0.00
	BRBCL	0.000	-72.698	-1,34,668.171	0.00
	TALCHER SOLAR	15.040	21.436	58,436.425	0.00
	JORETHANG HEP	2,230.331	2,042.240	-1,68,591.490	-90,530.27
	IND Barath	0.000	-28.800	-57,986.791	0.00
	HVDC SASARAM	-26.563	-0.765	47,701.509	-484.44
	VAE	-1,267.093	0.000	37,56,266.756	0.00
	NVVN	-11,211.378	-11,255.854	-77,399.334	0.00
CHUZACHEN	2,373.613	2,358.180	33,186.726	-16,366.79	
TUL	21,059.324	20,913.236	-2,67,898.249	0.00	
DIKCHU	1,705.064	1,887.636	2,95,674.015	-885.41	
BRBCL INFIRM	0.000	970.353	16,29,104.139	0.00	
26/07/17	BSPHCL	-56,408.783	-52,044.715	13,67,571.53	-7,15,390.57
	JUVNL	-13,503.145	-8,631.932	33,22,096.05	0.00
	DVC	29,644.655	28,476.323	-30,26,935.18	-1,11,726.82
	GRIDCO	-24,561.500	-24,211.073	10,95,671.40	-46,350.37
	SIKKIM	-1,085.284	-1,039.471	-15,276.18	0.00
	WBSSETCL	-36,559.580	-37,514.136	-17,91,029.12	-41,140.38
	NER	888.515	-21,355.918	-474,93,684.16	-438,26,849.92
	NR	-46,730.144	-66,641.046	-397,60,773.72	-284,65,469.79
	SR	-26,274.644	-44,492.957	-385,88,432.93	-287,13,214.99
	WR	-21,258.743	29,832.178	1076,92,192.98	0.00
	FSTPP-I & II	18,956.842	18,922.143	-2,35,054.36	-1,552.77
	KHSTPP-I	10,545.000	10,887.449	5,02,530.85	0.00
	TSTPP	16,430.180	16,596.360	2,24,587.37	-3,29,284.01
	RANGIT	1,233.750	1,295.076	1,09,596.86	0.00
	CHPC	7,132.500	9,551.250	54,42,188.22	0.00
	KHPC	1,440.000	2,467.098	21,77,447.76	0.00
	THPC	24,923.000	20,026.510	-103,80,559.41	0.00
	KHSTPP-II	21,764.390	21,719.032	-28,564.338	0.00
	FSTPP-III	6,554.632	6,521.056	-1,69,685.081	-42,682.96
	TEESTA	12,129.000	12,318.545	4,31,945.108	0.00
	MAITHON R/B	20,719.135	20,910.291	6,09,940.531	0.00
	BARH	17,833.480	17,477.891	-8,45,937.373	0.00
	NVVN-NEPAL	-2,396.780	-2,652.298	-6,18,070.298	0.00
	APNRL	5,448.840	5,451.854	1,30,142.008	0.00
	GMRKEL	13,877.625	13,928.654	5,57,694.172	-136.89
	JITPL	8,258.488	8,285.673	86,699.496	0.00
	TPTCL	2,617.914	2,768.951	1,98,776.34	-68,730.24
	BRBCL	0.000	-76.214	-1,61,068.710	0.00
	TALCHER SOLAR	17.778	17.516	-2,733.426	0.00
	JORETHANG HEP	2,198.694	1,985.312	-3,70,287.302	-95,144.81
	IND Barath	0.000	-41.600	-85,155.494	0.00
	HVDC SASARAM	-23.986	-0.750	49,328.516	0.00
	VAE	-2,061.393	0.000	59,36,802.312	0.00
	NVVN	-11,172.678	-11,241.273	-1,49,235.840	0.00
CHUZACHEN	2,343.106	2,368.908	64,615.071	0.00	
TUL	20,565.954	20,837.600	6,84,149.816	0.00	
DIKCHU	2,141.666	2,341.636	4,03,691.275	0.00	
BRBCL INFIRM	0.000	1,441.560	22,17,731.145	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.
27/07/17	BSPHCL	-65,341.951	-69,376.403	-125,50,229.77	-28,18,576.39
	JUVNL	-12,790.771	-13,401.638	-23,79,265.89	-9,05,269.78
	DVC	28,205.414	26,846.924	-36,16,861.51	-2,75,318.43
	GRIDCO	-22,832.524	-22,476.964	25,74,684.67	-37,082.11
	SIKKIM	-1,335.551	-1,190.557	2,34,514.50	0.00
	WBSETCL	-38,725.758	-42,367.971	-109,15,699.02	-21,10,388.99
	NER	1,527.814	-12,792.582	-402,03,882.91	-355,77,480.43
	NR	-46,465.214	-62,925.252	-435,73,518.21	-291,14,004.83
	SR	-30,991.534	-43,600.339	-357,44,509.77	-231,48,802.72
	WR	-17,921.521	30,450.395	1362,85,211.37	0.00
	FSTPP-I & II	19,004.010	18,341.678	-15,29,006.76	-40,127.84
	KHSTPP-I	11,389.183	11,347.051	-72,695.37	-37,020.90
	TSTPP	21,964.900	21,945.190	-65,045.79	0.00
	RANGIT	1,386.000	1,447.109	1,68,439.11	0.00
	CHPC	7,800.000	9,655.967	41,75,926.05	0.00
	KHPC	1,440.000	2,239.484	16,94,906.93	0.00
	THPC	24,552.000	20,246.074	-91,28,563.36	0.00
	KHSTPP-II	26,844.223	26,665.027	-1,91,545.95	-23,096.65
	FSTPP-III	6,438.800	5,889.522	-12,82,854.92	-5,166.72
	TEESTA	12,129.000	12,325.200	5,72,243.14	0.00
	MAITHON R/B	22,657.044	22,960.545	9,41,712.15	0.00
	BARH	18,964.930	18,562.145	-7,04,696.122	0.00
	NVVN-NEPAL	-2,396.780	-2,588.765	-5,70,152.999	0.00
	APNRL	5,516.081	5,576.509	2,45,737.67	0.00
	GMRKEL	11,789.844	12,346.327	22,01,211.50	0.00
	JITPL	8,237.589	8,465.527	7,77,796.90	0.00
	TPTCL	2,759.666	2,478.551	-8,24,655.10	0.00
	BRBCL	0.000	-66.338	-1,50,058.172	0.00
	TALCHER SOLAR	20.278	33.527	1,18,949.25	0.00
	JORETHANG HEP	2,317.934	2,239.072	-3,98,387.24	-1,45,513.44
	IND Barath	0.000	-26.036	-74,202.74	0.00
	HVDC SASARAM	-19.818	-0.714	52,773.77	0.00
	VAE	-4,793.243	0.000	110,97,238.23	0.00
	NVVN	-10,967.138	-11,034.654	-1,95,059.80	0.00
	CHUZACHEN	2,373.613	2,400.354	53,202.41	0.00
	TUL	20,963.220	20,771.054	-13,23,606.029	-19,43,735.30
DIKCHU	2,302.199	2,189.818	-4,59,336.932	-75,747.43	
BRBCL_INFIRM	0.000	1,912.375	30,49,198.526	0.00	
28/07/17	BSPHCL	-71,173.501	-73,817.114	-61,06,814.92	-1,99,211.69
	JUVNL	-15,450.880	-15,743.424	-4,70,442.41	-1,52,960.67
	DVC	19,696.401	19,918.322	1,67,127.45	-60,110.97
	GRIDCO	-24,215.976	-25,848.267	-21,53,936.23	-6,60,335.46
	SIKKIM	-1,024.408	-1,261.038	-5,19,871.78	0.00
	WBSETCL	-45,165.461	-51,274.757	-140,18,917.75	-43,83,306.50
	NER	-1,015.414	-21,520.120	-437,05,523.14	-401,50,492.99
	NR	-40,966.838	-50,818.756	-234,28,500.68	-145,69,165.33
	SR	-37,779.628	-43,005.232	-99,80,600.73	-61,78,233.10
	WR	1,958.670	48,967.679	987,45,460.53	-7,04,242.00
	FSTPP-I & II	23,917.140	23,296.291	-9,26,943.45	-6,355.91
	KHSTPP-I	15,301.672	14,942.331	-5,79,317.88	-40.73
	TSTPP	21,806.946	21,693.323	-41,198.16	0.00
	RANGIT	1,386.000	1,451.131	1,29,338.21	-1,463.16
	CHPC	7,800.000	9,274.176	33,16,895.14	0.00
	KHPC	1,440.000	2,324.675	18,75,510.58	0.00
	THPC	24,600.000	19,445.555	-109,27,422.36	0.00
	KHSTPP-II	26,985.024	26,681.592	-3,03,523.223	0.00
	FSTPP-III	6,404.644	6,142.908	-5,55,340.420	0.00
	TEESTA	12,129.000	12,355.563	5,04,991.455	-1,165.09
	MAITHON R/B	14,492.461	14,232.691	-3,55,570.803	-13,927.33
	BARH	17,467.136	16,786.145	-12,62,583.506	0.00
	NVVN-NEPAL	-2,396.780	-2,441.808	-1,67,488.728	-20,021.55
	APNRL	5,571.021	5,547.200	-32,926.069	0.00
	GMRKEL	13,981.478	14,122.982	7,43,343.080	0.00
	JITPL	7,950.105	8,110.909	3,54,879.309	0.00
	TPTCL	2,600.686	2,470.039	-42,835.35	0.00
	BRBCL	0.000	-27.389	-54,165.651	0.00
	TALCHER SOLAR	39.645	43.594	35,092.19	0.00
	JORETHANG HEP	2,233.962	2,312.096	2,38,512.36	-542.68
	IND Barath	0.000	-17.382	-38,616.38	0.00
	HVDC SASARAM	-25.415	-0.789	52,034.40	-472.64
	VAE	-2,992.295	0.000	62,82,707.30	0.00
	NVVN	-5,271.634	-4,986.182	1,15,569.307	-64,715.10
	CHUZACHEN	2,373.613	2,431.296	1,35,643.414	-685.06
	TUL	21,094.891	21,337.018	5,59,920.190	-465.57
DIKCHU	2,302.199	2,461.909	3,42,140.207	-1,004.30	
BRBCL_INFIRM	0.000	-109.556	-2,30,633.930	0.00	
29/07/17	BSPHCL	-74,400.666	-76,253.688	-53,91,164.23	-9,51,818.80
	JUVNL	-15,595.156	-15,804.151	-15,00,617.49	-2,26,598.09
	DVC	25,449.295	23,145.438	-67,00,266.20	-9,02,197.30
	GRIDCO	-25,341.620	-26,003.342	-9,69,750.80	-1,84,453.39
	SIKKIM	-1,177.944	-1,238.658	-1,35,010.68	0.00
	WBSETCL	-52,866.949	-56,404.803	-88,45,861.17	-7,13,160.30
	NER	-2,538.568	-23,171.333	-547,81,598.95	-501,34,409.29
	NR	-48,480.558	-49,300.710	-7,14,636.27	-42,16,964.39
	SR	-36,973.711	-34,762.290	80,21,688.05	-20,63,956.45
	WR	20,658.498	46,019.220	636,15,831.16	0.00
	FSTPP-I & II	28,719.144	27,925.001	-19,29,507.08	-70.38
	KHSTPP-I	17,333.509	16,762.312	-12,71,826.57	0.00
	TSTPP	22,331.997	22,179.439	-2,54,648.09	0.00
	RANGIT	1,386.000	1,443.563	1,28,723.49	0.00
	CHPC	7,392.000	8,765.457	30,90,277.32	0.00
	KHPC	1,440.000	2,496.776	22,40,365.97	0.00
	THPC	22,637.000	18,378.903	-90,27,166.04	0.00
	KHSTPP-II	29,464.415	29,538.596	4,10,813.426	0.00
	FSTPP-III	6,549.780	6,330.017	-7,40,710.349	-2,59,070.23
	TEESTA	10,491.000	10,646.291	4,28,562.655	0.00
	MAITHON R/B	11,633.465	11,667.745	1,11,702.735	0.00
	BARH	17,316.000	16,783.309	-13,02,512.474	0.00
	NVVN-NEPAL	-2,396.780	-2,395.747	41,854.026	0.00
	APNRL	6,027.113	6,189.963	4,59,935.208	0.00
	GMRKEL	14,045.569	14,513.672	17,21,000.991	0.00
	JITPL	8,553.124	8,586.036	1,09,971.443	0.00
	TPTCL	2,428.531	2,948.360	11,56,362.19	0.00
	BRBCL	0.000	-25.793	-62,000.115	0.00
	TALCHER SOLAR	37.603	39.601	16,628.88	0.00
	JORETHANG HEP	2,182.318	2,315.808	3,89,947.20	0.00
	IND Barath	0.000	-17.891	-48,913.68	0.00
	HVDC SASARAM	-25.725	-0.919	66,737.20	0.00
	VAE	-3,803.295	0.000	97,99,375.33	0.00
	NVVN	-11,976.492	-11,979.745	-30,344.364	0.00
	CHUZACHEN	2,373.613	2,436.201	1,54,586.867	0.00
	TUL	21,094.891	21,558.400	12,99,859.972	0.00
DIKCHU	2,302.199	2,463.273	4,31,867.110	0.00	
BRBCL_INFIRM	0.000	-103.171	-2,79,053.017	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.
30/07/17	BSPHCL	-68,168.402	-70,174.294	-47,17,802.25	-3,34,332.10
	JUVNL	-14,763.778	-14,174.418	3,78,661.48	-36,655.38
	DVC	20,888.628	19,468.923	-36,11,032.34	-7,17,423.25
	GRIDCO	-22,980.357	-23,516.397	-2,69,179.79	-1,46,898.20
	SIKKIM	206.899	-960.406	-23,02,089.08	-1,00,089.58
	WBSSETCL	-51,542.170	-55,051.619	-61,41,479.70	-10,58,913.58
	NER	-3,254.399	-19,069.354	-312,90,650.08	-278,13,398.40
	NR	-30,493.780	-47,267.154	-310,14,303.17	-278,22,064.61
	SR	-34,880.591	-33,032.590	45,78,188.26	-7,12,833.80
	WR	4,189.414	40,303.051	680,16,561.45	-1,344.15
	FSTPP-I & II	24,836.862	24,034.528	-16,03,651.62	-36,990.34
	KHSTPP-I	15,318.170	14,980.113	-6,31,270.29	-4,216.53
	TSTPP	21,991.001	22,171.656	4,11,049.13	0.00
	RANGIT	1,386.000	1,446.863	1,09,900.73	0.00
	KHPC	6,947.500	8,971.895	45,54,888.85	0.00
	CHPC	960.000	2,349.626	29,46,007.97	0.00
	THPC	22,827.500	18,811.751	-85,13,387.78	0.00
	KHSTPP-II	25,011.752	24,848.156	-2,21,053.422	0.00
	FSTPP-III	7,814.752	7,611.725	-5,23,990.236	-1,271.21
	TEESTA	0.000	0.218	434.475	0.00
	MAITHON R/B	11,187.575	11,211.200	1,31,778.700	0.00
	BARH	17,294.491	16,798.145	-8,86,866.284	0.00
	NVVN-NEPAL	-2,396.780	-2,542.406	-3,83,375.825	0.00
	APNRL	10,343.292	10,413.818	1,89,217.928	0.00
	GMRKEL	13,887.272	13,810.400	2,26,732.354	0.00
	JITPL	8,468.151	8,502.545	1,05,101.305	0.00
	TPTCL	1,654.050	2,184.541	11,79,023.81	0.00
	BRBCL	0.000	-40.865	-79,376.710	0.00
	TALCHER SOLAR	30.123	29.420	-8,786.71	0.00
	JORETHANG HEP	2,182.318	2,128.608	-29,083.38	-66,411.99
	IND Barath	0.000	-19.491	-38,584.12	0.00
	HVDC SASARAM	-25.929	-0.863	49,692.84	0.00
	VAE	-4,015.005	0.000	78,26,087.99	0.00
	NVVN	-11,926.393	-11,970.691	-66,029.687	0.00
	CHUZACHEN	2,375.308	2,426.922	1,15,642.380	0.00
	TUL	28,224.308	28,653.818	8,49,039.429	0.00
	DIKCHU	2,302.199	2,379.727	1,56,561.437	0.00
	BRBCL INFIRM	0.000	210.066	2,74,631.668	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 24/07/17 TO 30/07/17	BSPHCL	-4,69,629.20	-4,72,731.02	-322,60,150.00	-54,30,548.91
	JUVNL	-97,147.68	-86,970.08	-18,66,029.00	-14,70,549.51
	DVC	1,78,735.21	1,72,447.59	-81,96,686.00	-21,81,895.61
	GRIDCO	-1,66,821.83	-1,70,622.72	20,56,122.00	-11,57,949.06
	SIKKIM	-6,648.06	-7,847.10	-19,22,706.00	-1,02,950.91
	WBSSETCL	-2,88,106.10	-3,09,608.12	-542,88,599.00	-88,54,203.94
	NER	-4,273.41	-1,28,604.66	-2681,65,910.00	0.00
	NR	-3,01,807.07	-3,97,010.94	-1912,20,815.00	0.00
	SR	-2,35,948.88	-2,90,952.30	-1145,50,790.00	0.00
	WR	-35,340.01	2,58,479.16	6130,71,308.00	0.00
	FSTPP-I & II	1,59,622.54	1,56,076.53	-79,73,319.71	-1,00,990.78
	KHSTPP-I	94,794.14	93,451.63	-28,81,768.09	-49,460.03
	KHSTPP-II	1,71,553.94	1,70,668.91	-6,07,713.67	-23,096.65
	TSTPP	1,43,006.30	1,42,614.87	-4,07,056.64	-3,45,902.95
	FSTPP-III	46,722.06	45,329.14	-35,88,929.86	-3,08,191.12
	TEESTA	71,136.00	72,246.22	25,82,955.00	-2,977.44
	MAITHON R/B	1,19,843.66	1,20,082.94	15,91,267.52	-16,486.51
	RANGIT	9,549.75	9,942.08	7,68,155.00	-4,026.36
	BARH	1,23,356.16	1,20,403.31	-60,94,579.92	-5,602.42
	NVVN-NEPAL	-16,777.46	-17,651.27	-21,57,331.00	-26,503.82
	APNRL	43,339.89	43,668.22	11,67,064.00	-1,601.28
	GMRKEL	95,296.80	95,631.42	51,22,733.00	-4,131.71
	JITPL	55,191.77	57,410.91	38,42,945.00	-27,858.74
	TPTCL	16,687.30	18,316.41	31,36,904.00	-75,863.06
	BRBCL	0.00	-356.29	-7,08,920.62	0.00
	TALCHER SOLAR	167.79	193.40	2,26,808.00	0.00
	JORETHANG HEP	15,647.76	15,107.62	-8,64,460.00	-5,69,849.82
	IND Barath	0.00	-209.96	-4,20,783.00	0.00
	HVDC SASARAM	-174.21	-5.62	3,55,553.00	-1,435.90
	VAE	-21,241.97	0.00	494,11,937.33	0.00
	NVVN-BD	-74,652.95	-74,654.73	-5,06,411.00	-64,715.10
	CHUZACHEN	16,586.24	16,489.88	-1,39,019.00	-2,11,848.95
	TUL	1,54,031.42	1,54,888.73	11,34,383.72	-22,42,477.27
	DIKCHU	15,357.72	16,184.91	14,01,901.58	-79,774.17
	BRBCL INFIRM	0.00	4,133.66	63,84,528.91	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: 18/08/2017

RRAS Account for Week: 24-Jul-17 to 30-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	4089.01000	3479748	12083026	2044505	17607277
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	2890.28800	2974105	8529239	1445142	12948490
4	KHSTPP-II	11182.52800	12345508	31545911	5591263	49482685
5	TSTPP-I	731.86000	683556	1210496	365930	2259983
6	BARH	3464.67500	6461618	8377584	1732337	16571540

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	59.81356	176749	132562
2	FSTPP-III	0.00000	0	0
3	KHSTPP-I	110.64911	326526	244894
4	KHSTPP-II	142.77888	402779	302084
5	TSTPP-I	142.27081	235316	176487
6	BARH	40.32500	97506	73129

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	4089.01000	241854	BSPHCL
			547495	JUVNL
			14843	DVC
			1198415	GRIDCO
			76555	SIKKIM
			964151	WBSETCL
			2747	NVVN-BD
			73199	ASSAM
			189022	DELHI
			52720	HARYANA
			34598	PUNJAB
			75779	RAJASTHAN
		8370	UP	
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	2890.28800	58719	BSPHCL
			144217	JUVNL
			14800	DVC
			754408	GRIDCO
			88348	SIKKIM
			185907	WBSETCL
			11441	NVVN-BD
			55454	ASSAM
			922813	DELHI
			204450	HARYANA
			136621	PUNJAB
			349894	RAJASTHAN
		47033	UP	
4	KHSTPP-II	11182.52800	899	BSPHCL
			151380	JUVNL
			53849	DVC
			321325	GRIDCO
			35750	SIKKIM
			332056	WBSETCL
			18929	NVVN-BD
			95401	ASSAM
			343	CHANDIGARH
			295623	CHATTISGARH
			11908	DADRA & NAGAR
			1483488	DELHI
			3928788	GUJARAT
			548929	HARYANA
			118501	HP
			9457	J & K
			1669937	MAHARASHTRA
			1488226	MP
			343187	PUNJAB
906737	RAJASTHAN			
260191	UP			
		270604	UTTARAKHAND	
5	TSTPP-I	731.86000	86240	BSPHCL
			491128	JUVNL
			18744	DVC
			68815	SIKKIM
			18629	WBSETCL
6	BARH	3464.67500	474825	BSPHCL
			3318887	JUVNL
			2667906	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.