



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: 09.06.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 22.05.2017 to 28.05.2017

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, Loknaya Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. Sr.VP, Plant Head & Head(power sales), Sesa Sterlite Ltd., 1st Floor, Module C/2, Fortune Towers, Jaidev vihar, 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 22.05.17 TO 28.05.17**

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
BSPHCL	274.73505	81.70377	356.43882	DVC	114.91253	5.79344	109.11909
JUVNL	65.50501	19.61951	85.12453	GRIDCO	5.88029	12.25344	-6.37315
SIKKIM	27.80183	0.60227	28.40410	WR	1723.35520	0.00000	1723.35520
WBSETCL	375.19384	46.12290	421.31674	HVDC SASARAM	0.02128	0.00253	0.01875
NER	291.87762	0.00000	291.87762	NVVN-NEPAL	32.66455	1.36325	31.30130
NR	335.34968	0.00000	335.34968	RANGIT	4.55727	0.02386	4.53341
SR	419.98801	0.00000	419.98801	TEESTA	42.25387	0.11068	42.14319
FSTPP I&II	79.75867	7.06630	86.82496	MAITHON R/B	2.99911	0.52430	2.47480
BRBCL	1.39845	0.00000	1.39845	NVVN-BD	6.24518	0.13795	6.10722
KHSTPP-I	33.75702	2.01351	35.77053	Teesta-III(TUL)	7.85326	0.29095	7.56232
TALCHER SOLAR	0.88986	0.00000	0.88986	DICKCHU_INFIRM	75.27589	0.00000	75.27589
TSTPP	5.44050	0.70326	6.14376	DICKCHU	4.63575	0.30770	4.32805
IND BARATH	1.47623	0.00000	1.47623				
JORETHANG LOOP HEP	15.74284	0.10980	15.85265				
TPTCL	63.56967	0.00000	63.56967				
KHSTPP-II	24.50692	0.85264	25.35956				
GMRKEL	4.85780	0.03650	4.89430				
FSTPP-III	56.41892	0.05096	56.46989				
CHUZACHEN	3.50894	0.04581	3.55475				
JITPL	7.36129	0.00000	7.36129				
APNRL	21.13025	7.86152	28.99176				
BARH	106.33696	10.53952	116.87648				
BRBCL_INFIRM	5.91424	0.00000	5.91424				
TOTAL	2222.51960	177.32827	2399.84787		2020.65417	20.80810	1999.84606

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

198.13638

(All figures in Rs. Lakhs)

Payable to the pool(A):	2222.51960
Payable from the pool(B):	2020.65417
Differential Amount Arising from capping of Thermal Power Stations(A-B)	201.86543
Additional Deviation Amount:	198.13638
VAE of Eastern Region:	358.73985

**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 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 Nabinagar is declared Commercial Operational w.e.f 00:00 Hrs of 15.01.17.

xxxi) As informed by ERLDC, TUL unit-02, 03 & 04 declared COD w.e.f 00:00 Hrs of 23.02.17. TUL Unit 01, 05 & 06 declared COD w.e.f 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 w.e.f 31.03.17.

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

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

xxxvi) As informed by ERLDC Dikchu Unit-2 has been declared COD w.e.f 00:00 Hrs of 28.05.17

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.	
22/05/17	BSPHCL	-75,586.743	-77,084.157	-35,82,299.37	-5,49,122.18	
	JUVNL	-19,369.215	-18,342.756	9,83,508.89	-5,036.01	
	DVC	46,004.760	47,831.287	30,37,077.93	-1,374.27	
	GRIDCO	-27,239.962	-28,729.769	-6,76,236.83	-2,81,394.37	
	SIKKIM	-958.576	-1,186.674	-5,52,252.64	0.00	
	WBSETCL	-42,024.081	-44,550.967	-48,23,736.29	-2,79,112.47	
	NER	-6,351.790	-9,948.906	-38,37,760.98	-66,94,922.60	
	NR	-43,372.072	-44,154.260	-32,12,273.95	-61,71,235.08	
	SR	-17,294.013	-26,633.111	-175,33,482.18	-130,34,123.94	
	WR	-992.859	19,426.651	357,81,018.62	-17,62,547.88	
	FSTPP-I & II	31,976.552	31,350.473	-10,58,419.05	-320.41	
	KHSTPP-I	15,053.406	14,718.018	-6,70,460.67	-1,208.36	
	TSTPP	19,193.064	18,987.284	-12,499.11	-756.21	
	RANGIT	832.500	861.018	66,635.04	0.00	
	CHPC	1,224.000	3,369.988	48,28,472.23	0.00	
	KHPC	816.000	759.780	-1,19,186.40	0.00	
	THPC	8,579.000	4,469.198	-87,12,779.82	0.00	
	KHSTPP-II	23,902.740	23,908.601	65,818.82	0.00	
	FSTPP-III	9,918.478	9,240.890	-13,40,221.23	-2,179.38	
	TEESTA	9,786.000	10,095.673	6,73,844.01	0.00	
	MAITHON R/B	21,703.716	21,744.363	1,27,700.09	0.00	
	BARH	27,057.590	25,337.127	-37,85,029.443	-8,44,433.17	
	NVVN-NEPAL	-3,235.987	-3,038.170	4,17,975.493	0.00	
	APNRL	11,725.147	11,765.382	62,283.976	0.00	
	GMRKEL	7,406.645	7,316.000	-15,122.517	0.00	
	JITPL	0.000	-65.309	-1,35,561.92	0.00	
	TPTCL	973.798	491.736	-9,66,955.94	0.00	
	BRBCL	0.000	-14.094	-27,835.637	0.00	
	TALCHER SOLAR	46.023	47.696	15,600.90	0.00	
	JORETHANG HEP	874.244	708.416	-2,24,733.70	0.00	
	IND Barath	0.000	-10.400	-19,927.35	0.00	
	HVDC SASARAM	-26.792	-26.519	339.512	0.00	
	VAE	-2,565.080	0.000	62,02,946.001	0.00	
	NVVN	-12,203.432	-12,024.582	2,43,139.536	0.00	
	CHUZACHEN	1,508.464	1,648.629	2,12,922.665	0.00	
	TUL	15,703.740	15,658.545	-21,202.475	-15,219.561	
	DIKCHU	770.657	813.504	87,418.582	0.00	
	DIKCHU_INFIRM	0.000	1,146.950	16,80,406.579	0.00	
	BRBCL_INFIRM	0.000	-56.378	-1,16,626.299	0.00	
	23/05/17	BSPHCL	-70,947.279	-72,919.727	-67,21,486.76	-16,98,266.61
		JUVNL	-17,746.737	-17,068.143	-11,84,964.49	-5,16,742.32
DVC		48,044.962	49,412.242	38,71,153.61	-29,317.87	
GRIDCO		-27,868.093	-26,986.202	31,97,023.78	-6,035.65	
SIKKIM		-880.884	-1,215.973	-9,02,892.26	0.00	
WBSETCL		-44,073.167	-44,706.232	-13,73,606.10	-2,73,256.49	
NER		-6,730.370	-11,512.487	-125,77,596.11	-141,30,685.55	
NR		-46,102.185	-47,209.456	-23,84,105.47	-21,80,813.09	
SR		-11,918.626	-26,423.002	-400,30,777.89	-355,01,773.35	
WR		-14,070.337	5,822.485	532,07,750.72	-24,88,412.85	
FSTPP-I & II		32,411.796	31,018.422	-33,47,526.71	-3,12,509.30	
KHSTPP-I		16,840.868	16,499.418	-7,50,897.14	0.00	
TSTPP		20,870.989	20,815.341	-47,275.55	0.00	
RANGIT		666.000	688.576	85,779.60	0.00	
CHPC		1,296.000	2,710.041	31,81,592.23	0.00	
KHPC		480.000	946.328	9,88,616.21	0.00	
THPC		8,098.000	3,593.992	-95,48,495.95	0.00	
KHSTPP-II		30,538.289	30,508.181	15,259.162	0.00	
FSTPP-III		8,693.911	8,463.668	-6,80,248.285	0.00	
TEESTA		8,685.000	9,018.436	9,43,797.359	0.00	
MAITHON R/B		22,091.946	22,237.963	4,19,736.011	0.00	
BARH		27,699.355	26,859.709	-20,73,031.732	-2,838.77	
NVVN-NEPAL		-3,235.987	-2,968.762	6,71,818.300	0.00	
APNRL		11,725.147	11,744.073	41,468.524	0.00	
GMRKEL		7,689.030	7,754.618	2,65,205.065	0.00	
JITPL		0.000	-62.982	-1,66,685.730	0.00	
TPTCL		973.798	466.925	-13,27,025.08	0.00	
BRBCL		0.000	-12.513	-29,548.641	0.00	
TALCHER SOLAR		49.305	47.040	-21,173.543	0.00	
JORETHANG HEP		916.264	612.512	-6,03,542.571	-1,161.22	
IND Barath		0.000	-14.909	-39,189.880	0.00	
HVDC SASARAM		-26.053	-26.285	-481.745	0.00	
VAE		-5,183.958	0.000	128,88,628.077	0.00	
NVVN		-12,083.408	-12,072.982	45,800.280	0.00	
CHUZACHEN		1,838.472	1,753.965	-2,82,466.649	-417.34	
TUL		15,840.080	15,896.945	3,38,447.136	0.00	
DIKCHU		770.657	823.663	1,39,682.823	0.00	
DIKCHU_INFIRM		0.000	1,060.973	17,84,315.290	0.00	
BRBCL_INFIRM		0.000	-50.051	-1,31,101.898	0.00	
24/05/17		BSPHCL	-72,658.318	-73,907.920	-40,54,983.07	-8,23,631.02
		JUVNL	-17,590.766	-17,533.703	-9,44,855.26	-2,16,431.00
	DVC	39,467.003	40,260.855	23,70,641.21	0.00	
	GRIDCO	-27,409.337	-27,677.792	2,10,227.94	-26,361.78	
	SIKKIM	-584.241	-1,069.463	-10,84,059.52	-7,242.94	
	WBSETCL	-43,388.237	-47,250.099	-88,13,578.47	-10,70,573.79	
	NER	-6,094.185	66.854	115,73,432.69	-4,38,678.85	
	NR	-51,862.484	-57,703.971	-119,80,572.88	-79,84,675.49	
	SR	-21,229.287	-17,651.533	34,42,436.96	-34,10,648.61	
	WR	3,310.034	4,839.353	102,08,280.70	-54,58,246.54	
	FSTPP-I & II	34,648.063	33,894.764	-14,99,104.85	0.00	
	KHSTPP-I	17,592.868	17,267.159	-6,07,385.49	0.00	
	TSTPP	20,602.867	20,637.915	2,23,435.87	0.00	
	RANGIT	796.500	828.328	70,715.44	0.00	
	CHPC	480.000	2,516.142	45,81,318.61	0.00	
	KHPC	480.000	647.665	3,55,450.22	0.00	
	THPC	5,966.000	3,336.848	-55,73,802.96	0.00	
	KHSTPP-II	30,386.343	30,112.700	-3,38,222.266	-2,652.64	
	FSTPP-III	9,693.318	9,156.162	-13,00,851.052	-1,606.09	
	TEESTA	8,937.000	9,255.963	7,98,737.670	0.00	
	MAITHON R/B	23,144.196	23,133.163	41,456.868	0.00	
	BARH	29,644.915	28,907.563	-15,87,314.693	-22,542.48	
	NVVN-NEPAL	-3,210.922	-3,075.456	3,13,705.322	0.00	
	APNRL	11,723.615	11,750.036	53,724.286	0.00	
	GMRKEL	7,691.555	7,623.127	-2,063.034	0.00	
	JITPL	0.000	-62.036	-1,39,023.376	0.00	
	TPTCL	973.798	435.723	-11,81,347.24	0.00	
	BRBCL	0.000	-9.716	-20,584.057	0.00	
	TALCHER SOLAR	47.288	40.870	-61,342.545	0.00	
	JORETHANG HEP	995.768	617.280	-5,40,973.686	-1,155.95	
	IND Barath	0.000	-12.945	-26,931.219	0.00	
	HVDC SASARAM	-26.148	-25.508	1,219.264	0.00	
	VAE	-3,105.645	0.000	59,22,036.232	0.00	
	NVVN	-11,976.349	-12,134.909	-3,27,810.377	0.00	
	CHUZACHEN	1,719.065	1,733.778	32,042.078	0.00	
	TUL	14,985.601	15,016.873	1,34,956.230	0.00	
	DIKCHU	770.657	814.001	92,145.086	0.00	
	DIKCHU_INFIRM	0.000	910.090	13,48,991.654	0.00	
	BRBCL_INFIRM	0.000	-38.865	-87,480.527	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 2 of 2
					Additional Deviation Charge in Rs.
25/05/17	BSPHCL	-73,138.766	-73,518.528	-23,72,472.88	-8,28,719.80
	JUVNL	-17,594.444	-18,886.344	-28,86,282.61	-1,34,626.05
	DVC	45,348.025	44,862.919	-3,25,551.28	-73,444.30
	GRIDCO	-27,643.405	-29,269.194	-7,20,214.40	-1,05,376.54
	SIKKIM	-896.735	-1,168.097	-5,55,164.52	0.00
	WBSETCL	-48,165.494	-52,808.775	-82,05,448.92	-13,97,302.08
	NER	-6,092.195	2,899.171	155,90,124.76	-35,115.37
	NR	-53,343.208	-58,355.932	-73,40,719.60	-45,80,863.85
	SR	-20,358.237	-10,164.996	148,56,332.91	-38,72,569.49
	WR	4,948.100	2,971.400	-11,86,917.12	-85,69,832.77
	FSTPP-I & II	32,574.494	31,172.511	-22,01,598.30	-23,720.53
	KHSTPP-I	17,544.581	17,033.304	-8,73,036.52	0.00
	TSTPP	21,311.586	21,127.201	-1,54,107.27	0.00
	RANGIT	765.000	795.832	70,525.58	-1,123.54
	CHPC	912.000	2,614.817	38,31,337.57	0.00
	KHPC	0.000	567.133	12,02,322.38	0.00
	THPC	7,680.000	3,467.708	-89,30,058.54	0.00
	KHSTPP-II	32,426.615	31,863.178	-7,54,489.44	0.00
	FSTPP-III	10,065.492	9,328.111	-13,91,878.89	-1,310.98
	TEESTA	9,156.000	9,431.891	6,03,356.29	0.00
	MAITHON R/B	23,160.183	23,054.327	-90,503.01	0.00
	BARH	29,858.400	28,772.181	-20,72,214.194	-45,992.61
	NVVN-NEPAL	-3,441.388	-3,099.638	5,37,299.835	-2,294.42
	APNRL	6,927.661	6,721.309	-6,07,980.85	-4,73,986.02
	GMRKEL	7,709.759	7,516.291	-47,552.11	0.00
	JITPL	0.000	-55.564	-1,02,512.75	0.00
	TPTCL	973.798	421.119	-9,89,198.21	0.00
	BRBCL	0.000	-13.076	-22,633.586	0.00
	TALCHER SOLAR	49.108	50.821	16,024.50	0.00
	JORETHANG HEP	806.076	595.232	-41,796.02	-4.94
	IND Barath	0.000	-12.654	-22,818.30	0.00
	HVDC SASARAM	-26.148	-24.326	2,757.06	-16.25
	VAE	-2,217.358	0.000	25,37,184.74	0.00
	NVVN	-11,630.850	-10,638.218	6,21,751.31	-10,447.91
	CHUZACHEN	1,643.491	1,621.620	-97,494.38	-287.55
	TUL	15,539.047	15,508.654	67,766.174	-12,512.20
	DIKCHU	770.657	762.674	-15,501.843	0.00
	DIKCHU_INFIRM	0.000	621.053	8,61,105.331	0.00
	BRBCL_INFIRM	0.000	-52.305	-94,250.915	0.00
	26/05/17	BSPHCL	-64,008.464	-64,189.887	-24,55,770.87
JUVNL		-17,152.083	-16,286.934	-6,73,652.63	-3,92,915.66
DVC		48,127.985	47,319.749	3,028.79	-1,11,998.01
GRIDCO		-27,674.088	-30,518.724	-24,65,395.30	-3,85,435.27
SIKKIM		-1,107.195	-1,193.680	-89,450.84	-1,221.24
WBSETCL		-43,999.476	-44,574.253	-6,91,221.14	-30,592.60
NER		-3,197.323	-13,211.104	-132,36,793.31	-113,54,668.47
NR		-48,467.944	-51,988.001	-56,10,748.63	-44,90,862.90
SR		-6,274.759	-19,147.357	-174,47,147.04	-173,99,003.51
WR		-16,710.312	13,960.156	402,37,955.81	-9,56,011.66
FSTPP-I & II		26,156.629	26,771.980	4,69,644.36	-61,117.34
KHSTPP-I		16,021.939	15,846.016	-1,52,907.75	-24,707.21
TSTPP		21,213.327	21,035.690	-85,506.12	-5,669.54
RANGIT		925.500	953.544	75,021.48	0.00
CHPC		216.000	2,632.885	54,37,990.40	0.00
KHPC		0.000	1,156.723	24,52,253.18	0.00
THPC		7,368.000	3,491.669	-82,17,820.67	0.00
KHSTPP-II		29,118.392	28,356.615	-8,18,012.783	-1,241.17
FSTPP-III		8,659.679	8,389.311	-3,94,656.561	0.00
TEESTA		10,281.000	10,505.782	4,05,263.382	0.00
MAITHON R/B		21,838.813	21,696.654	-1,42,144.031	-33,247.55
BARH		24,161.675	23,682.436	-4,13,554.728	-10,201.30
NVVN-NEPAL		-3,836.382	-2,950.358	9,62,256.358	-80,582.00
APNRL		7,476.179	5,753.527	-18,07,974.586	-3,03,506.13
GMRKEL		7,706.708	7,343.418	-3,09,060.509	0.00
JITPL		0.000	-67.927	-81,937.632	0.00
TPTCL		973.798	419.062	-6,57,223.80	0.00
BRBCL		0.000	-11.494	-14,681.264	0.00
TALCHER SOLAR		44.360	40.338	-39,756.90	0.00
JORETHANG HEP		915.609	700.032	-2,00,537.46	0.00
IND Barath		0.000	-10.036	-13,013.07	0.00
HVDC SASARAM		-26.148	-25.254	1,330.70	-1.03
VAE		-4,949.930	0.000	45,79,327.61	0.00
NVVN		-10,343.748	-9,834.800	2,88,240.303	0.00
CHUZACHEN		1,522.572	1,569.078	53,484.158	-305.19
TUL		16,513.862	16,531.563	1,08,322.249	0.00
DIKCHU		770.657	768.989	-4,489.534	-1,575.11
DIKCHU_INFIRM		0.000	889.920	9,30,961.075	0.00
BRBCL_INFIRM		0.000	-45.978	-60,168.116	0.00
27/05/17		BSPHCL	-57,734.450	-54,816.505	-20,34,205.18
	JUVNL	-17,506.272	-16,362.698	-35,741.66	-4,72,446.38
	DVC	43,251.032	41,328.618	-22,37,595.90	-3,42,718.44
	GRIDCO	-24,236.537	-25,744.970	-4,85,695.58	-2,40,441.51
	SIKKIM	-1,257.310	-1,331.603	-2,75,924.93	-15,116.73
	WBSETCL	-43,971.731	-45,763.076	-24,65,541.70	-1,87,188.58
	NER	-2,160.437	-13,199.794	-116,89,491.92	-96,61,161.50
	NR	-37,336.899	-38,519.449	-30,01,731.10	-42,64,994.55
	SR	-17,954.288	-12,943.833	50,65,918.62	-42,05,134.87
	WR	-5,186.285	4,028.954	160,99,763.13	-21,83,492.92
	FSTPP-I & II	23,295.766	23,634.586	-49,040.32	-1,42,677.33
	KHSTPP-I	13,231.668	13,434.936	-1,03,300.68	-1,06,170.16
	TSTPP	18,368.301	18,222.078	-3,02,270.35	-58,218.56
	RANGIT	968.250	947.443	14,086.20	-1,262.38
	CHPC	613.750	2,203.529	35,77,002.48	0.00
	KHPC	240.000	1,078.618	17,77,869.31	0.00
	THPC	4,779.313	2,922.268	-39,36,934.29	0.00
	KHSTPP-II	21,732.069	21,467.054	-3,32,495.346	-22,000.97
	FSTPP-III	8,144.337	7,949.158	-2,10,506.032	0.00
	TEESTA	9,954.000	10,160.836	3,33,535.326	-11,068.35
	MAITHON R/B	21,249.524	21,130.218	-83,081.428	-9,595.80
	BARH	19,938.079	20,017.309	-1,85,563.213	-87,196.25
	NVVN-NEPAL	-3,234.806	-3,123.283	1,35,236.877	-27,852.28
	APNRL	11,238.298	11,207.345	5,574.151	-905.75
	GMRKEL	7,704.455	7,290.036	-2,56,499.731	0.00
	JITPL	0.000	-49.673	-57,788.305	0.00
	TPTCL	973.798	461.259	-6,10,488.56	0.00
	BRBCL	0.000	-9.833	-11,484.392	0.00
	TALCHER SOLAR	45.383	44.594	-8,222.86	0.00
	JORETHANG HEP	947.803	794.208	-23,836.67	0.00
	IND Barath	0.000	-1.091	-2,085.81	0.00
	HVDC SASARAM	-26.236	-23.805	2,728.01	-236.05
	VAE	-577.700	0.000	2,73,125.56	0.00
	NVVN	-11,705.566	-11,956.363	-2,12,730.042	0.00
	CHUZACHEN	1,571.947	1,587.924	3,168.641	-589.50
	TUL	17,271.934	17,125.600	13,364.072	-969.58
	DIKCHU	770.657	787.141	24,294.947	-845.574
	DIKCHU_INFIRM	0.000	1,053.859	9,21,808.742	0.00
	BRBCL_INFIRM	0.000	-39.331	-48,483.930	0.00

ERPC, KOLKATA

DATE	BENEFICIARY	Day-wise schedule, actual and injection charge statement			Page 3 of 3
		SCH. TOTAL IN MWH	DRAWAL/GENTOTAL IN MWH	DEVIATION CHARGE IN Rs.	Additional Deviation Charge in Rs.
28/05/17	BSPHCL	-63,341.310	-63,795.098	-22,81,850.77	-11,65,990.80
	JUVNL	-17,255.090	-16,361.776	7,30,446.55	-2,23,753.76
	DVC	34,132.775	33,851.415	2,84,853.83	-20,491.19
	GRIDCO	-24,931.494	-26,548.561	-8,10,133.87	-1,80,299.33
	SIKIM	-1,198.052	-1,130.399	36,245.91	-36,646.50
	WBSSETCL	-34,890.366	-40,034.595	-57,04,105.60	-13,74,263.65
	NER	-5,321.319	-17,032.401	-150,09,677.57	-127,36,864.46
	NR	-30,935.258	-30,233.600	-4,816.54	-57,75,925.86
	SR	-25,818.072	-16,688.587	96,47,917.96	-73,03,166.10
	WR	-1,761.267	12,287.857	179,87,667.74	-64,52,635.58
	FSTPP-I & II	25,712.531	25,555.703	-2,89,821.87	-1,66,284.61
	KHSTPP-I	11,415.336	11,250.278	-2,17,713.44	-69,265.56
	TSTPP	19,686.104	19,476.691	-1,65,827.79	-5,681.34
	RANGIT	1,014.000	992.879	72,963.39	0.00
	CHPC	554.750	2,245.387	38,03,933.27	0.00
	KHPC	240.000	1,062.846	17,44,433.52	0.00
	THPC	5,166.250	2,977.779	-46,39,557.89	0.00
	KHSTPP-II	24,358.013	24,086.004	-2,88,549.939	-59,369.21
	FSTPP-III	8,747.295	8,460.988	-3,23,530.032	0.00
	TEESTA	9,576.000	9,818.400	4,66,853.100	0.00
	MAITHON R/B	21,041.150	20,934.909	26,746.057	-9,586.82
	BARH	23,463.505	23,062.472	-5,16,987.711	-40,747.38
	NVVN-NEPAL	-3,234.806	-3,078.010	2,28,162.413	-25,595.89
	APNRL	9,876.179	9,905.018	1,39,879.700	-7,753.78
	GMRKEL	7,447.331	7,145.382	-1,20,686.735	-3,650.20
	JITPL	0.000	-46.982	-52,619.380	0.00
	TPTCL	973.798	483.056	-6,24,728.47	0.00
	BRBCL	0.000	-9.589	-13,077.223	0.00
	TALCHER SOLAR	47.075	48.144	9,884.17	0.00
	JORETHANG HEP	824.869	748.192	61,135.64	-8,657.92
	IND Barath	0.000	-15.855	-23,657.48	0.00
	HVDC SASARAM	-20.182	-24.614	-5,764.67	0.00
	VAE	-3,603.540	0.000	34,70,736.81	0.00
	NVVN	-11,882.499	-11,899.127	-33,873.489	-3,347.33
	CHUZACHEN	1,547.763	1,369.179	-2,72,550.517	-2,981.47
	TUL	14,446.769	14,396.291	1,43,673.090	-393.27
	DIKCHU	1,483.374	1,587.000	1,40,025.015	-28,349.08
	DIKCHU_INFIRM	0.000	0.000	0.000	0.00
	BRBCL_INFIRM	0.000	-38.356	-53,312.403	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 22/05/17 TO 28/05/17	BSPHCL	-4,77,415.33	-4,80,231.82	-274,73,505.00	-81,70,377.25
	JUVNL	-1,24,214.61	-1,20,842.35	-65,50,501.00	-19,61,951.18
	DVC	3,04,376.54	3,04,867.08	114,91,253.00	-5,79,344.08
	GRIDCO	-1,87,002.92	-1,95,475.21	5,88,029.00	-12,25,344.46
	SIKIM	-6,882.99	-8,295.89	-27,80,183.00	-60,227.41
	WBSSETCL	-3,00,512.55	-3,19,688.00	-375,19,384.00	-46,12,289.66
	NER	-35,947.62	-61,938.67	-291,87,762.00	0.00
	NR	-3,11,420.05	-3,28,164.67	-335,34,968.00	0.00
	SR	-1,20,847.28	-1,29,652.42	-419,98,801.00	0.00
	WR	-30,462.92	63,336.86	1723,35,520.00	0.00
	FSTPP-I & II	2,06,775.83	2,03,398.44	-79,75,866.74	-7,06,629.53
	KHSTPP-I	1,07,700.67	1,06,049.13	-33,75,701.70	-2,01,351.29
	KHSTPP-II	1,92,462.46	1,90,302.33	-24,50,691.79	-85,263.99
	TSTPP	1,41,246.24	1,40,302.20	-5,44,050.33	-70,325.65
	FSTPP-III	63,922.51	60,988.29	-56,41,892.07	-5,096.45
	TEESTA	66,375.00	68,286.98	42,25,387.00	-11,068.35
	MAITHON R/B	1,54,229.53	1,53,931.60	2,99,910.56	-52,430.17
	RANGIT	5,967.75	6,067.62	4,55,727.00	-2,385.91
	BARH	1,81,823.52	1,76,638.80	-106,33,695.71	-10,53,951.96
	NVVN-NEPAL	-23,430.28	-21,333.68	32,66,455.00	-1,36,324.59
	APNRL	70,692.23	68,846.69	-21,13,025.00	-7,86,151.68
	GMRKEL	53,355.48	51,988.87	-4,85,780.00	-3,650.20
	JITPL	0.00	-410.47	-7,36,129.00	0.00
	TPTCL	6,816.58	3,178.88	-63,56,967.00	0.00
	BRBCL	0.00	-80.32	-1,39,844.80	0.00
	TALCHER SOLAR	328.54	319.50	-88,986.00	0.00
	JORETHANG HEP	6,280.63	4,775.87	-15,74,284.00	-10,980.03
	IND Barath	0.00	-77.89	-1,47,623.00	0.00
	HVDC SASARAM	-177.71	-176.31	2,128.00	-253.33
	VAE	-22,203.21	0.00	358,73,985.03	0.00
	NVVN-BD	-81,825.85	-80,560.98	6,24,518.00	-13,795.24
	CHUZACHEN	11,351.77	11,284.17	-3,50,894.00	-4,581.05
	TUL	1,10,301.03	1,10,134.47	7,85,326.48	-29,094.61
DIKCHU	6,107.32	6,356.97	4,63,575.08	-30,769.76	
DIKCHU_INFIRM	0.00	5,682.84	75,27,588.67	0.00	
BRBCL_INFIRM	0.00	-321.26	-5,91,424.09	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

09.06.2017

RRAS Account for Week: 22.05.17 TO 28.05.17

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	7216.79750	6141495	19831760	3608399	29581653
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1761.50000	1812584	4366759	880750	7060092
4	KhSTPP-II	5219.85750	5762723	12365842	2609929	20738494
5	TSTPP-I	62.10500	58006	113093	31053	202152
6	BARH STPP-II	1507.77000	2811991	3834259	753885	7400135

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	1225.957500	3368931	2526698
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	1594.942500	3953862	2965397
4	KhSTPP-II	518.900000	1229274	921956
5	TSTPP-I	1376.620000	2506825	1880119
6	BARH STPP-II	1916.320000	4873202	3654901

EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033

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	7216.797500	3177189	BSEB
			372596	JSEB
			87617	DVC
			1419548	WBSEB
			387875	SIKKIM
			8879	NVVN-BPBD
			29829	UP
			241295	DELHI
			74870	PUNJAB.
			81916	RAJASTHAN
52960	HARYANA			
206920	ASSAM			
2	FSTPP III	0.000000	0	-
3	KhSTPP-I	1761.500000	82457	BSEB
			51807	DVC
			175762	WBSEB
			146562	SIKKIM
			10225	NVVN-BPBD
			84099	UP
			609651	DELHI
			258822	PUNJAB.
			170505	RAJASTHAN
			57988	HARYANA
164706	ASSAM			
4	KhSTPP-II	5219.857500	59745	BSEB
			63836	DVC
			311335	WBSEB
			31874	SIKKIM
			25958	NVVN-BPBD
			239834	UP
			49513	UTTARANCHAL
			804700	DELHI
			212348	PUNJAB.
			659582	RAJASTHAN
			112203	HARYANA
			391195	HP
			1077689	M.P
			280952	CHHATISGARH
			5546	MAHA RASHTRA
1052392	GUJRAT			
85426	DADRA & NAGAR			
298596	ASSAM			
5	TSSTPP-I	62.10500	2153	DVC
			27320	NVVN-BPBD
			28534	ASSAM
6	BARH STPP-II	1507.770000	1867180	BSEB
			933977	JSEB
			10834	GRIDCO

A) RRAS settlement account has been prepared as per the detailed procedure for Ancillary Services Operations 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.