



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: 02.06.2017

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 15.05.2017 to 21.05.2017

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, Loknayak 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 15.05.17 TO 21.05.17**

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	320.24109	75.32892	395.57001	JUVNL	3.16765	8.76571	-5.59806
GRIDCO	37.94901	11.18483	49.13383	DVC	158.87420	15.88414	142.99006
WBSETCL	277.91381	41.81803	319.73185	SIKKIM	21.96577	0.51198	21.45379
NER	688.61367	0.00000	688.61367	WR	2428.51277	0.00000	2428.51277
NR	698.81473	0.00000	698.81473	HVDC SASARAM	0.12994	0.00119	0.12875
SR	871.33646	0.00000	871.33646	TALCHER SOLAR	0.05502	0.00000	0.05502
FSTPP I&II	45.35624	2.86058	48.21682	NVVN-NEPAL	21.37266	0.71863	20.65403
BRBCL	1.63950	0.00000	1.63950	RANGIT	6.40217	0.02790	6.37428
KHSTPP-I	35.96692	1.52431	37.49123	JORETHANG LOOP HEP	12.11897	0.19016	11.92882
TSTPP	3.97550	0.28370	4.25920	CHUZACHEN	15.95270	0.05030	15.90240
IND BARATH	0.17084	0.00000	0.17084	TEESTA	39.32970	0.11780	39.21189
TPTCL	24.64984	0.00000	24.64984	MAITHON R/B	3.96440	0.00669	3.95771
KHSTPP-II	20.91408	0.17941	21.09349	APNRL	5.16226	0.83448	4.32778
GMRKEL	9.30200	0.06037	9.36238	Teesta-III(TUL)	14.76399	2.85086	11.91314
FSTPP-III	11.28840	0.05361	11.34201	DICKCHU_INFIRM	39.13248	0.00000	39.13248
JITPL	6.59786	0.00000	6.59786	DICKCHU	0.45088	0.06971	0.38117
NVVN-BD	8.90857	0.21002	9.11859				
BARH	77.91490	0.27657	78.19147				
BRBCL_INFIRM	6.76083	0.00000	6.76083				
TOTAL	3148.31424	133.78036	3282.09460		2771.35557	30.02954	2741.32602

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

163.80991

(All figures in Rs. Lakhs)

Payable to the pool(A):	3148.31424
Payable from the pool(B):	2771.35557
Differential Amount Arising from capping of Thermal Power Stations(A-B)	376.95867
Additional Deviation Amount:	163.80991
VAE of Eastern Region:	489.12651

**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.

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.
15/05/17	BSPHCL	-70,951.931	-70,852.438	-27,83,742.80	-5,97,022.09
	JUVNL	-19,257.821	-18,706.636	5,94,945.39	0.00
	DVC	31,311.214	28,872.045	-31,02,183.52	-3,11,793.75
	GRIDCO	-25,038.204	-27,239.390	-26,61,657.08	-2,79,637.88
	SIKKIM	-1,735.736	-1,125.336	8,65,056.63	-3,036.38
	WBSETCL	-41,397.121	-41,785.306	-8,55,327.81	-1,33,161.97
	NER	-5,814.701	-11,248.153	-84,13,887.56	-104,29,638.74
	NR	-51,291.211	-61,735.758	-134,80,454.23	-112,71,937.36
	SR	-14,606.136	-18,963.286	-76,33,426.96	-121,08,972.03
	WR	8,998.046	28,391.725	297,97,472.68	-1,83,958.29
	FSTPP-I & II	30,069.020	30,125.862	-2,38,052.12	0.00
	KHSTPP-I	15,001.784	14,601.911	-4,37,244.30	-39,131.94
	TSTPP	21,055.707	20,716.648	-4,24,492.16	-769.98
	RANGIT	1,231.000	1,290.546	81,117.81	0.00
	CHPC	2,626.750	6,572.835	88,78,691.57	0.00
	KHPC	288.000	1,591.150	27,62,677.15	0.00
	THPC	10,640.000	8,716.739	-40,77,313.00	0.00
	KHSTPP-II	31,404.489	30,953.015	-3,75,926.77	0.00
	FSTPP-III	7,659.691	7,769.519	35,029.30	0.00
	TEESTA	10,266.000	10,536.073	4,43,140.79	0.00
	MAITHON R/B	22,811.750	22,623.272	-1,86,388.93	0.00
	BARH	24,048.153	23,351.127	-8,12,951.398	-257.33
	NVVN-NEPAL	-3,234.016	-3,106.733	1,60,083.176	-18,713.62
	APNRL	11,544.442	11,525.309	-14,187.086	0.00
	GMRKEL	7,675.392	7,451.636	-1,65,882.362	0.00
	JITPL	0.000	-51.127	-71,872.32	0.00
	TPTCL	940.311	852.133	-1,21,744.28	0.00
	BRBCL	0.000	-14,564	-19,528.502	0.00
	TALCHER SOLAR	50.373	47.905	-23,074.87	0.00
	JORETHANG HEP	659.458	1,263.712	9,60,899.77	-14,413.75
	IND Barath	0.000	-6.618	-7,696.55	0.00
	HVDC SASARAM	-24.415	-24.911	-1,480.883	0.00
	VAE	-2,776.150	0.000	31,01,094.029	0.00
	NVVN	-11,990.908	-11,810.327	1,05,387.497	-382.82
	CHUZACHEN	1,133.293	1,412.982	3,39,971.885	0.00
	TUL	14,001.708	14,016.291	-65,634.252	-2,85,085.828
	DIKCHU	0.000	0.000	0.000	0.00
	DIKCHU_INFIRM	0.000	0.000	0.000	0.00
	BRBCL_INFIRM	0.000	-58.254	-79,460.042	0.00
	16/05/17	BSPHCL	-66,465.976	-65,857.219	-25,25,924.35
JUVNL		-17,623.166	-17,138.262	-2,34,343.54	-93,761.79
DVC		36,019.823	36,326.096	11,55,909.21	-44.45
GRIDCO		-24,253.482	-25,836.248	-16,85,218.30	-2,42,332.92
SIKKIM		-1,646.357	-942.393	9,04,186.45	0.00
WBSETCL		-37,217.971	-38,337.224	-27,90,374.31	-4,35,127.47
NER		-4,379.674	-6,884.827	-38,72,961.06	-66,32,162.90
NR		-47,254.694	-61,857.510	-197,79,551.59	-127,30,348.43
SR		-19,863.941	-25,304.439	-115,51,614.91	-88,76,886.09
WR		-908.110	13,023.120	252,42,791.49	-3,64,483.78
FSTPP-I & II		22,516.128	24,124.643	6,69,023.48	-1,939.32
KHSTPP-I		15,667.939	15,119.746	-8,03,892.06	-73,743.41
TSTPP		19,836.682	19,675.038	-1,91,006.79	0.00
RANGIT		1,209.000	1,262.357	90,848.36	0.00
CHPC		4,430.250	9,524.148	114,61,270.99	0.00
KHPC		360.000	1,365.588	21,31,846.56	0.00
THPC		15,939.750	12,630.701	-70,15,183.69	0.00
KHSTPP-II		30,065.684	29,676.178	-3,15,320.020	0.00
FSTPP-III		7,057.064	7,258.265	2,03,564.357	0.00
TEESTA		10,710.000	11,019.309	5,25,411.268	0.00
MAITHON R/B		21,115.125	21,015.672	-1,38,047.505	0.00
BARH		23,258.351	22,871.890	-8,01,634.726	-534.02
NVVN-NEPAL		-3,234.016	-2,987.760	3,15,163.217	0.00
APNRL		10,956.942	10,929.236	-26,999.822	0.00
GMRKEL		7,681.821	7,481.236	-1,43,157.559	0.00
JITPL		0.000	-54.691	-82,917.285	0.00
TPTCL		940.311	937.601	-66,355.85	0.00
BRBCL		0.000	-14.665	-22,450.352	0.00
TALCHER SOLAR		48.318	48.133	-1,721.803	0.00
JORETHANG HEP		660.970	1,028.672	5,00,880.082	0.00
IND Barath		0.000	0.000	0.000	0.00
HVDC SASARAM		-25.251	-25.456	-915.159	0.00
VAE		-5,574.990	0.000	103,68,221.120	0.00
NVVN		-12,127.654	-12,021.563	51,094.532	0.00
CHUZACHEN		1,364.186	1,539.261	2,53,302.548	0.00
TUL		16,170.850	16,278.691	2,09,479.519	0.00
DIKCHU		0.000	0.000	0.000	0.00
DIKCHU_INFIRM		0.000	0.000	0.000	0.00
BRBCL_INFIRM		0.000	-58.662	-92,190.244	0.00
17/05/17		BSPHCL	-61,929.817	-61,374.281	-17,21,242.48
	JUVNL	-18,883.407	-18,508.190	-4,50,870.47	-23,012.65
	DVC	41,004.698	41,708.849	13,91,392.70	0.00
	GRIDCO	-28,129.641	-29,612.379	-17,85,166.60	-1,12,241.49
	SIKKIM	-1,182.592	-1,230.963	-1,08,125.67	0.00
	WBSETCL	-41,388.060	-44,337.603	-59,93,142.27	-10,72,607.66
	NER	-6,968.858	-11,335.157	-86,50,532.72	-81,30,240.43
	NR	-50,594.400	-62,718.896	-261,32,964.63	-161,61,788.62
	SR	-26,047.182	-31,973.372	-117,83,728.65	-108,71,026.92
	WR	4,026.749	27,482.679	472,69,405.17	0.00
	FSTPP-I & II	25,796.764	25,478.541	-8,86,252.48	-67,324.29
	KHSTPP-I	15,397.105	15,325.440	-1,49,652.86	0.00
	TSTPP	18,985.645	19,053.112	53,064.06	-26,987.81
	RANGIT	1,031.500	1,080.206	1,03,908.68	0.00
	CHPC	4,540.500	7,285.138	61,75,435.64	0.00
	KHPC	1,440.000	1,401.937	-80,693.14	0.00
	THPC	15,397.000	9,661.379	-121,59,517.51	0.00
	KHSTPP-II	29,298.940	29,102.507	-1,54,849.766	0.00
	FSTPP-III	8,751.268	8,687.640	-2,01,443.263	0.00
	TEESTA	9,525.000	9,800.763	6,22,279.495	0.00
	MAITHON R/B	22,223.610	22,266.072	2,13,369.612	0.00
	BARH	25,302.190	24,690.981	-11,46,476.111	0.00
	NVVN-NEPAL	-3,234.016	-2,894.563	5,55,038.352	0.00
	APNRL	11,481.942	11,590.036	1,34,269.271	0.00
	GMRKEL	7,681.821	7,588.654	-1,573.363	0.00
	JITPL	0.000	-58.327	-1,16,802.766	0.00
	TPTCL	974.091	995.930	1,02,900.76	0.00
	BRBCL	0.000	-13.545	-26,146.421	0.00
	TALCHER SOLAR	44.540	45.915	11,373.995	0.00
	JORETHANG HEP	855.314	880.032	2,31,578.528	0.00
	IND Barath	0.000	0.000	0.000	0.00
	HVDC SASARAM	-26.255	-22.652	7,790.744	0.00
	VAE	-5,019.738	0.000	107,78,479.382	0.00
	NVVN	-11,929.284	-12,100.691	-3,38,475.614	0.00
	CHUZACHEN	1,170.599	1,307.520	3,20,746.119	0.00
	TUL	16,075.453	16,189.527	2,84,717.369	0.00
	DIKCHU	0.000	0.000	0.000	0.00
	DIKCHU_INFIRM	0.000	0.000	0.000	0.00
	BRBCL_INFIRM	0.000	-54.182	-1,07,514.151	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.	
18/05/17	BSPHCL	-64,327.497	-66,343.666	-48,61,269.53	-5,24,889.47	
	JUVNL	-18,203.776	-18,211.775	-5,35,669.19	-76,466.56	
	DVC	44,921.928	45,886.561	23,13,140.25	-275.70	
	GRIDCO	-26,781.444	-26,753.722	10,27,235.94	-36,088.84	
	SIKKIM	-1,297.224	-1,338.818	-1,53,272.69	0.00	
	WBSETCL	-32,800.122	-36,196.503	-71,05,408.44	-8,34,607.00	
	NER	-7,233.482	-11,941.157	-120,28,251.45	-135,31,254.06	
	NR	-45,732.826	-54,679.406	-193,94,207.82	-144,71,499.80	
	SR	-21,842.033	-32,442.338	-241,41,979.39	-247,28,382.82	
	WR	-230.381	23,363.764	528,32,079.31	-24,812.59	
	FSTPP-I & II	25,347.798	25,762.070	3,53,440.20	0.00	
	KHSTPP-I	16,319.079	15,974.039	-5,80,110.04	0.00	
	TSTPP	18,438.184	18,549.899	3,14,169.45	0.00	
	RANGIT	1,071.000	1,077.652	26,320.70	0.00	
	CHPC	4,068.500	6,210.271	48,18,985.44	0.00	
	KHPC	792.000	1,701.241	19,27,591.34	0.00	
	THPC	12,027.750	8,235.916	-80,38,689.09	0.00	
	KHSTPP-II	30,661.009	30,306.373	-5,64,530.34	0.00	
	FSTPP-III	7,953.583	8,005.020	-40,033.99	-5,361.01	
	TEESTA	10,281.000	10,565.382	6,86,063.53	0.00	
	MAITHON R/B	11,345.095	11,383.345	1,10,517.96	0.00	
	BARH	26,690.495	26,062.800	-10,40,215.032	0.00	
	NVVN-NEPAL	-3,234.016	-3,069.091	3,49,431.690	0.00	
	APNRL	8,073.629	8,040.436	57,045.79	-63,394.07	
	GMRKEL	7,681.821	7,522.473	-1,79,966.05	0.00	
	JITPL	0.000	-59.854	-1,26,215.27	0.00	
	TPTCL	974.091	1,224.923	3,84,158.96	0.00	
	BRBCL	0.000	-14.171	-28,134.708	0.00	
	TALCHER SOLAR	40.963	40.254	-7,453.07	0.00	
	JORETHANG HEP	954.628	889.152	-36,977.27	-2,295.67	
	IND Barath	0.000	0.000	0.00	0.00	
	HVDC SASARAM	-26.116	-24.449	3,265.73	0.00	
	VAE	-6,580.335	0.000	126,75,381.74	0.00	
	NVVN	-11,029.357	-11,389.527	-6,86,074.58	0.00	
	CHUZACHEN	1,471.063	1,439.784	-20,818.27	0.00	
	TUL	15,603.314	15,737.454	4,00,369.075	0.00	
	DIKCHU	0.000	-1.226	-1,967.846	0.00	
	DIKCHU_INFIRM	0.000	96.317	1,44,957.504	0.00	
	BRBCL_INFIRM	0.000	-56.684	-1,20,753.806	0.00	
	19/05/17	BSPHCL	-73,182.596	-77,835.857	-95,85,927.83	-30,44,683.52
		JUVNL	-18,242.178	-17,379.393	9,02,738.53	-168.62
		DVC	46,372.727	47,437.276	23,47,935.55	0.00
		GRIDCO	-22,456.620	-23,376.929	-6,12,727.54	-2,07,064.14
		SIKKIM	-1,281.376	-1,199.133	49,370.80	-2,278.91
		WBSETCL	-41,734.017	-42,972.034	-12,18,631.19	-34,340.10
		NER	-7,236.258	-13,293.042	-110,67,255.72	-83,10,899.37
		NR	-52,514.880	-50,691.701	25,88,742.61	-20,28,379.60
SR		-24,038.543	-30,411.731	-98,21,832.37	-85,14,056.39	
WR		6,986.776	20,542.656	235,70,738.67	-5,98,876.27	
FSTPP-I & II		30,795.942	29,919.185	-16,19,529.04	-3,597.27	
KHSTPP-I		17,158.150	16,815.649	-4,19,839.72	0.00	
TSTPP		20,693.515	20,581.781	-44,609.92	0.00	
RANGIT		945.000	1,023.713	1,61,689.51	0.00	
CHPC		2,710.000	5,279.680	57,81,780.13	0.00	
KHPC		240.000	1,549.174	27,75,448.03	0.00	
THPC		11,615.000	7,001.787	-97,80,010.89	0.00	
KHSTPP-II		29,602.340	29,296.254	-1,88,593.770	-908.69	
FSTPP-III		9,161.066	8,909.705	-3,95,139.462	0.00	
TEESTA		10,416.000	10,699.091	5,68,900.387	0.00	
MAITHON R/B		11,429.735	11,379.600	-1,738.769	0.00	
BARH		27,778.896	26,965.309	-10,78,588.473	-21.87	
NVVN-NEPAL		-3,234.016	-3,071.741	2,34,179.969	-6,634.66	
APNRL		11,731.942	11,800.145	1,44,358.692	-128.66	
GMRKEL		7,681.821	7,480.218	-85,351.907	-2,336.70	
JITPL		0.000	-58.400	-95,685.476	0.00	
TPTCL		1,293.802	700.847	-10,56,250.81	0.00	
BRBCL		0.000	-13.654	-22,165.742	0.00	
TALCHER SOLAR		48.988	50.092	10,292.62	0.00	
JORETHANG HEP		1,052.596	801.376	-2,01,029.95	-2,306.19	
IND Barath		0.000	0.000	0.00	0.00	
HVDC SASARAM		-26.116	-24.683	2,635.50	0.00	
VAE		-4,555.758	0.000	70,08,918.37	0.00	
NVVN		-11,623.508	-11,707.454	-1,95,957.314	-1,120.33	
CHUZACHEN		1,423.674	1,571.985	1,93,181.143	0.00	
TUL		16,829.748	16,850.691	1,67,134.708	0.00	
DIKCHU		0.000	-6.251	-10,188.842	0.00	
DIKCHU_INFIRM		0.000	957.523	12,24,696.960	0.00	
BRBCL_INFIRM		0.000	-54.618	-90,706.170	0.00	
20/05/17		BSPHCL	-75,299.659	-78,330.846	-63,62,897.41	-7,66,832.90
		JUVNL	-18,282.097	-17,810.724	6,46,203.07	-16,936.21
		DVC	45,146.871	46,437.857	26,04,659.35	-36,407.58
		GRIDCO	-27,374.927	-28,874.117	-24,64,707.13	-1,21,837.90
		SIKKIM	-1,083.499	-1,205.294	-2,25,275.86	0.00
		WBSETCL	-43,214.126	-45,467.767	-55,16,445.58	-4,90,250.17
		NER	-6,972.757	-14,289.255	-133,58,132.16	-97,29,519.34
		NR	-51,440.605	-48,929.861	18,49,687.09	-15,88,089.53
	SR	-24,730.009	-30,858.913	-118,65,623.76	-114,19,983.79	
	WR	7,608.694	26,934.120	391,72,604.24	-2,96,407.63	
	FSTPP-I & II	33,134.468	32,349.963	-16,78,136.83	-2,935.62	
	KHSTPP-I	16,840.587	16,513.270	-6,20,519.68	0.00	
	TSTPP	18,876.832	18,806.448	-1,45,642.29	0.00	
	RANGIT	819.000	869.021	1,18,526.76	0.00	
	CHPC	1,585.000	3,926.239	52,67,786.65	0.00	
	KHPC	240.000	1,274.566	21,93,279.07	0.00	
	THPC	9,531.250	5,206.885	-91,67,653.82	0.00	
	KHSTPP-II	28,983.488	28,694.555	-4,95,179.731	-892.86	
	FSTPP-III	8,946.127	8,767.618	-3,60,197.071	0.00	
	TEESTA	10,164.000	10,464.218	6,50,131.163	0.00	
	MAITHON R/B	17,264.623	17,470.872	4,30,123.987	-669.11	
	BARH	29,518.208	28,505.236	-19,27,138.726	0.00	
	NVVN-NEPAL	-3,234.016	-3,054.326	3,20,628.499	-5,743.82	
	APNRL	11,731.942	11,723.709	-19,915.550	0.00	
	GMRKEL	7,582.023	7,483.127	-79,560.044	0.00	
	JITPL	0.000	-49.673	-1,01,641.107	0.00	
	TPTCL	1,155.060	580.788	-11,54,354.72	0.00	
	BRBCL	0.000	-13.753	-27,210.889	0.00	
	TALCHER SOLAR	48.293	47.362	-9,072.96	0.00	
	JORETHANG HEP	877.798	711.712	-2,11,151.67	0.00	
	IND Barath	0.000	0.000	0.00	0.00	
	HVDC SASARAM	-26.116	-25.951	317.10	0.00	
	VAE	-1,310.420	0.000	27,16,104.06	0.00	
	NVVN	-11,699.969	-11,667.200	72,778.797	-561.53	
	CHUZACHEN	1,586.005	1,798.686	4,62,761.386	0.00	
	TUL	16,670.604	16,683.345	1,78,820.329	0.00	
	DIKCHU	0.000	-4.719	-10,908.616	-41.424	
	DIKCHU_INFIRM	0.000	906.538	13,84,315.968	0.00	
	BRBCL_INFIRM	0.000	-55.011	-1,12,093.269	0.00	

ERPC, KOLKATA

DATE	BENEFICIARY	Day-wise schedule, actual and injection charge statement			Page 3 of 3 Additional Deviation Charge in Rs.
		SCH. TOTAL IN MWH	DRAWAL/GENT OTAL IN MWH	DEVIATION CHARGE IN Rs.	
21/05/17	BSPHCL	-76,298.246	-78,943.652	-46,18,599.64	-9,51,177.13
	JUVNL	-18,823.991	-18,005.664	3,79,430.29	-6,66,225.55
	DVC	39,649.574	41,935.612	16,72,631.17	-12,39,892.30
	GRIDCO	-28,039.979	-29,006.343	-3,82,281.17	-1,19,279.53
	SIKIM	-1,052.857	-1,023.595	-1,42,524.78	-45,882.68
	WBSETCL	-31,031.084	-35,206.230	-48,02,328.20	-11,81,709.12
	NER	-6,741.981	-12,765.149	-114,70,346.19	-118,81,410.62
	NR	-50,313.516	-48,170.095	44,67,275.98	-18,99,290.07
	SR	-16,317.420	-25,585.326	-103,35,440.43	-88,17,403.34
	WR	262.471	19,549.593	249,66,185.18	-13,21,893.31
	FSTPP-I & II	30,337.415	29,636.412	-11,36,116.91	-2,10,261.60
	KHSTPP-I	15,878.077	15,420.833	-5,85,433.47	-39,555.73
	TSTPP	21,159.747	20,972.161	40,967.47	-611.88
	RANGIT	837.000	820.517	57,805.63	-2,789.62
	CHPC	2,112.000	3,621.402	33,96,155.25	0.00
	KHPC	1,176.000	944.708	-4,90,338.19	0.00
	THPC	5,400.000	4,802.618	-12,66,448.94	0.00
	KHSTPP-II	25,837.358	25,732.456	2,992.609	-16,139.58
	FSTPP-III	9,010.896	8,616.314	-3,70,620.112	0.00
	TEESTA	9,534.000	9,770.800	4,37,043.069	-11,780.36
	MAITHON R/B	21,013.415	20,862.654	-31,396.574	0.00
	BARH	28,763.036	27,880.472	-9,84,485.354	-26,843.77
	NVVN-NEPAL	-3,234.016	-3,061.238	2,02,740.849	-40,770.67
	APNRL	9,935.209	10,099.491	2,41,654.939	-19,925.48
	GMRKEL	7,671.177	7,332.000	-2,74,709.088	-3,700.62
	JITPL	0.000	-54.254	-64,651.858	0.00
	TPTCL	974.091	498.903	-5,53,337.73	0.00
	BRBCL	0.000	-14.531	-18,313.184	0.00
	TALCHER SOLAR	48.340	51.031	25,158.51	0.00
	JORETHANG HEP	816.616	642.144	-32,302.30	0.00
	IND Barath	0.000	-8.218	-9,387.72	0.00
	HVDC SASARAM	-26.116	-25.111	1,380.99	-119.22
	VAE	-1,465.130	0.000	22,64,452.16	0.00
	NVVN	-11,816.149	-11,729.018	1,00,390.184	-18,937.75
	CHUZACHEN	1,671.204	1,713.312	46,124.845	-5,029.91
	TUL	15,849.673	15,833.163	3,01,512.581	0.00
	DIKCHU	770.720	823.970	68,153.395	-6,929.25
	DIKCHU_INFIRM	0.000	1,101.485	11,59,277.261	0.00
	BRBCL_INFIRM	0.000	-58.124	-73,365.015	0.00

SUMMARY OF WEEKLY DEVIATION CHARGES

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 15/05/17 TO 21/05/17	BSPHCL	-4,88,455.72	-4,99,537.96	-320,24,109.00	-75,32,892.46
	JUVNL	-1,29,316.44	-1,25,760.64	3,16,765.00	-8,76,571.38
	DVC	2,84,426.84	2,88,604.30	158,87,420.00	-15,88,413.78
	GRIDCO	-1,82,074.30	-1,90,699.13	-37,94,901.00	-11,18,482.70
	SIKIM	-9,279.64	-8,065.53	21,96,577.00	-51,197.97
	WBSETCL	-2,68,782.50	-2,84,302.67	-277,91,381.00	-41,81,803.48
	NER	-45,347.71	-81,756.74	-688,61,367.00	0.00
	NR	-3,49,142.13	-3,88,783.23	-698,81,473.00	0.00
	SR	-1,47,445.26	-1,95,539.41	-871,33,646.00	0.00
	WR	26,744.25	1,59,287.66	2428,51,277.00	0.00
	FSTPP-I & II	1,97,997.53	1,97,396.68	-45,35,623.69	-2,86,058.10
	KHSTPP-I	1,12,262.72	1,09,770.89	-35,96,692.13	-1,52,431.09
	KHSTPP-II	2,05,853.31	2,03,761.34	-20,91,407.79	-17,941.13
	TSTPP	1,39,046.31	1,38,355.09	-3,97,550.18	-28,369.67
	FSTPP-III	58,539.69	58,014.08	-11,28,840.24	-5,361.01
	TEESTA	70,896.00	72,855.63	39,32,970.00	-11,780.36
	MAITHON R/B	1,27,203.35	1,27,001.49	3,96,439.78	-669.11
	RANGIT	7,143.50	7,424.01	6,40,217.00	-2,789.62
	BARH	1,85,359.33	1,80,327.82	-77,91,489.82	-27,656.99
	NVVN-NEPAL	-22,638.11	-21,245.45	21,37,266.00	-71,862.77
	APNRL	75,456.05	75,708.36	5,16,226.00	-83,448.22
	GMRKEL	53,655.87	52,339.34	-9,30,200.00	-6,037.32
	JITPL	0.00	-386.33	-6,59,786.00	0.00
	TPTCL	7,251.76	5,791.12	-24,64,984.00	0.00
	BRBCL	0.00	-98.88	-1,63,949.80	0.00
	TALCHER SOLAR	329.81	330.69	5,502.00	0.00
	JORETHANG HEP	5,877.38	6,216.80	12,11,897.00	-19,015.61
	IND Barath	0.00	-14.84	-17,084.00	0.00
	HVDC SASARAM	-180.39	-173.21	12,994.00	-119.22
	VAE	-27,282.52	0.00	489,12,650.87	0.00
	NVVN-BD	-82,216.83	-82,425.78	-8,90,857.00	-21,002.42
	CHUZACHEN	9,820.02	10,783.53	15,95,270.00	-5,029.91
	TUL	1,11,201.35	1,11,589.16	14,76,399.33	-2,85,085.83
DIKCHU	770.72	811.77	45,088.09	-6,970.68	
DIKCHU_INFIRM	0.00	3,061.86	39,13,247.69	0.00	
BRBCL_INFIRM	0.00	-395.53	-6,76,082.70	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

02.06.2017

RRAS Account for Week: 15.05.17 TO 21.05.17

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	5317.79500	4519536	14609925	2658898	21788359
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	4386.50500	4510126	10837719	2193253	17541097
4	KhSTPP-II	11233.89750	12432798	26448578	5616949	44498325
5	TSTPP-I	1038.84750	968695	1889691	519424	3377810
6	BARH STPP-II	4990.90250	9318118	12686038	2495451	24499607

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	239.550000	658283	493713
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	220.790000	547338	410504
4	KhSTPP-II	70.217500	166345	124759
5	TSTPP-I	37.500000	68288	51216
6	BARH STPP-II	326.250000	829654	622240

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	5317.795000	1998568.833	BSEB
			105864.7614	JSEB
			24524.12329	DVC
			727994	GRIDCO
			1005148.541	WBSEB
			145080.3724	SIKKIM
			13510.48089	UP
			141014.1836	DELHI
			125360.4926	PUNJAB.
			162280.472	RAJASTHAN
			5766.104779	J&K
33878.16974	HARYANA			
30545.55205	ASSAM			
2	FSTPP III	0.000000	0	-
3	KhSTPP-I	4386.505000	1535796.602	BSEB
			32026.86463	DVC
			596.6343691	GRIDCO
			245044.371	WBSEB
			85428.13955	SIKKIM
			102246.0157	UP
			841380.3573	DELHI
			723160.9402	PUNJAB.
			761686.4983	RAJASTHAN
			11051.30217	J&K
			145086.0212	HARYANA
26622.38654	ASSAM			
4	KhSTPP-II	11233.897500	288266.7774	BSEB
			81215.99497	DVC
			504044.9707	WBSEB
			27002.81238	SIKKIM
			303964.5229	UP
			1731360.969	DELHI
			244915.0068	PUNJAB.
			2839883.469	RAJASTHAN
			23181.05767	J&K
			514470.3011	HARYANA
			281719.2094	HP
			2802889.114	M.P
			658069.6169	CHHATISGARH
			109633.7605	MAHA RASHTRA
1633875.277	GUJRAT			
102204.517	DADRA & NAGAR			
286100.8862	ASSAM			
5	TSSTPP-I	1038.84750	404613.7982	BSEB
			190839.7716	JSEB
			30193.69145	DVC
			342973.7412	WBSEB
6	BARH STPP-II	4990.902500	4099146.173	BSEB
			1739052.21	JSEB
			3479919.279	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.