



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

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



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NO: ERPC/COM-II/ABT-DC/2016/

Date: 08.09.2016

As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 15.08.2016 to 21.08.2016

Sir,

Statement of Deviation charges for the week has been prepared as per CERC (Deviation Settlement Mechanism and related matters) Regulations (Notification no. No.L-1/132/2013/CERC dated 06.01.2014. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated. **RRAS Settlement Account for the week has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC.**

The constituents, who have to pay the Deviation Charges as indicated in the statement, are requested to make the payment to the Deviation Pool account operated by ERLDC within 10 days of the billing date. In case of delayed payments for Deviation charges against these bills beyond 12 days, the defaulting constituents shall have to pay simple interest @0.04 % for each day of delay.

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS providers beyond 12/17 days of the issuance date, the RRAS providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

Encl: As above

Yours faithfully,

-Sd/-

(A.K.BANDYOPADHYAYA)
MEMBER SECRETARY

List of Addressee

1. CE (Trans/O&M), BSEB, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSEB, Vidyut Bhavan, 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, Bhubaneshwar- 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)

ABT based Deviation Charge Account
For the period 15.08.16 TO 21.08.16

AS PER RATE FOR DEVIATION W.E.F. 17/02/2014

(All figures in Rs. Lakhs)

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)	(+) ADDITIONAL DEVIATION CHARGE TO BE PAID (in Rs. Lakhs)	NET DEVIATION CHARGE PAYABLE	UTILITIES AND DEVIATION CHARGES RECEIVABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)	(-) ADDITIONAL DEVIATION CHARGE TO BE PAID (in Rs. Lakhs)	NET DEVIATION CHARGE RECEIVABLE
BSPHCL	171.62746	60.66550	232.29296	JUVNL	32.12793	11.13554	20.99239
WBSETCL	456.52081	116.02542	572.54623	DVC	43.23597	13.24589	29.99008
NER	3420.25672	0.00000	3420.25672	GRIDCO	142.47476	6.36764	136.10712
FSTPP-I & II	48.05741	3.94171	51.99912	SIKKIM	56.33697	0.27905	56.05792
BRBCL	4.85180	0.00000	4.85180	NR	3591.02453	0.00000	3591.02453
KHSTPP-I	47.73341	0.13540	47.86881	SR	82.92116	0.00000	82.92116
TSTPP	7.59625	5.06053	12.65678	WR	589.61175	0.00000	589.61175
NVNVN-NEPAL	19.85720	0.04597	19.90317	TALCHER SOLAR	0.02101	0.00000	0.02101
IND BARATH	2.88382	0.00000	2.88382	RANGIT	9.61134	0.11447	9.49687
TPTCL	157.98278	1.99777	159.98056	JORETHANG LOOP HEP	11.22073	0.74553	10.47520
KHSTPP-II	23.95647	0.07538	24.03185	GMRKEL	14.45074	0.39525	14.05549
FSTPP-III	6.57402	0.19086	6.76488	TEESTA	9.02155	0.11942	8.90212
CHUZACHEN	4.44296	0.02848	4.47144	JITPL	54.38545	1.44163	52.94383
VEDANTA	538.30741	326.36726	864.67467	MAITHON R/B	40.22458	0.08623	40.13835
NVNVN-BD	1.46381	0.09498	1.55880	APNRL	0.68966	2.74246	-2.05280
BARH	131.41445	3.93597	135.35042	ADJUSTMENT OF NVNVN-NEPAL	49.37376	0.00000	49.37376
TOTAL	5043.52679	518.56526	5562.09204	VIRTUAL ANCILLIARY ENTITY OF EASTERN REGI	324.90677		
				DIFFERENTIAL AMOUNT ARISING FROM CAPPING OF THERMAL POWER STATIONS	-8.11187		
					5043.52679	36.67311	4690.05877
					555.23836		

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

ISSUANCE OF DEVIATION ACCOUNT FOR THE WEEK HAS BEEN DELAYED DUE TO DELAYED SUBMISSION OF SCHEDULE OF THE WEEK BY ERLDC

- i) Metering points for Inter-Regional Exchange:-
- a) Northern Region: Pusaali 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: Jaypore end of Jaypore-Gajuwaka D/C & East bus of JSTPP Stage I & II interconnector.
- d) North Eastern Region: NER end of 220 kV Birpara -Salakati D/C and 400 kV Binaiguri - Bongaijason D/C lines
- i) For computing Deviation Charge for the week, Korba meter(NP2465A) has been used as master frequency meter.

iii) Deviation charges for the week 15/08/16-21/08/16 has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation,Notification no. No.L-1/132/2013/CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015 has also been incorporated.

iv) CHPC, KHPCC and THPC are not covered under ABT. Hence Deviation energy (mwh) of these stations have been adjusted by giving credits/debits to ER beneficiaries as per their shares from these stations.
v) ER-NR tie schedule has been modified to the extent of 15% of deviation energy of TALA HEP (after incorporating ER transmission loss of 2.10% 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 KHSITPP-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 KHSITPP 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 Chuzachon (GATTI) U1&2 started w.e.f. 00.00 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 Behrapore(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 started 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.

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

xxviii) The Adjustment of Deviation charges of NVVN-NEPAL has been done for the dates 14/03/2016 to 18/03/2016 and 05/04/2016.

EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033

Format -AS7: RRAS Settlement Account by ERPC

Date: 08/09/16

RRAS Account for Week: 15.08.16 TO 21.08.16

A. Payments to the RRAS Provider(s) from the DSM pool for UP Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Fixed Charges (Rs) (A)	Variable charges(Rs) (B)	Markup as per CERC Order(Rs) (C)	Total Charges (A+B+C)
1	FSTPP I& II	2702.80933	2129814	6998727	1351405	10479946
2	FSTPP-III	1632.54270	2687165	4201648	816271	7705085
3	KhSTPP-I	2204.39632	2058906	5548054	1102198	8709158
4	KhSTPP-II	8690.77778	10055230	20907947	4345389	35308566
5	TSTPP-I	716.70415	567630	1176959	358352	2102941
6	BARH STPP-II	1348.18875	2575041	3555010	674094	6804145

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	1036.000000	2566194	1924645
2	FSTPP-III	332.750000	766979	575234
3	KhSTPP-I	276.000000	666730	500048
4	KhSTPP-II	9.000000	21888	16416
5	TSTPP-I	1448.500000	2358158	1768619
6	BARH STPP-II	991.500000	2545071	1908803

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	2702.809328	578475	BSEB
			374031	JSEB
			24327	DVC
			395491	GRIDCO
			421981	WBSEB
			109446	SIKKIM
			11656	UP
			97861	DELHI
			37381	PUNJAB.
			22761	RAJASTHAN
			19823	HARYANA
			36579	AR.PRADESH
2	FSTPP III	1632.542700	1030751	BSEB
			458744	JSEB
			239792	DVC
			581773	GRIDCO
			354636	WBSEB
			21468	ASSAM
3	KhSTPP-I	2204.396321	308033	BSEB
			70740	JSEB
			43622	DVC
			610576	GRIDCO
			140815	SIKKIM
			52926	UP
			309242	DELHI
			54147	PUNJAB.
			221795	RAJASTHAN
			211281	HARYANA
35729	AR.PRADESH			
4	KhSTPP-II	8690.777778	61377	BSEB
			12946	JSEB
			92733	DVC
			269746	GRIDCO
			83599	SIKKIM
			29659	UP
			59556	UTTARANCHAL
			1634114	DELHI
			543895	PUNJAB.
			1305565	RAJASTHAN
			594550	HARYANA
			109465	HP
			1959082	M.P
			553709	MAHA RASHTRA
			2731832	GUJRAT
			13403	ASSAM
5	TSSTPP-I	716.704148	27665	BSEB
			207048	JSEB
			214679	DVC
			35610	SIKKIM
			27892	ASSAM
			54735	AR.PRADESH
6	BARH STPP-II	1348.188746	1010606	BSEB
			273453	JSEB
			1085622	GRIDCO
			205359	SIKKIM

- A) RRAS settlement account for the week 15.08.16 TO 21.08.16 has been prepared as per the detailed procedure for Ancillary Services Operation as approved by CERC
- B) Fixed Charges and Variable Charges for RRAS providers have been calculated as per the rates furnished by the respective RRAS providers in Format AS-I
- C) Mark Up rate for Regulation Up service has been considered at 50 paise/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.