



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/2016/

Date: 23.01.2017

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 02.01.2017 to 08.01.2017**

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,

**(A.K.BANDYOPADHYAY)**  
**MEMBER SECRETARY**

## List of Addressee

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

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

**ABT based Deviation Charge Account  
For the period 02.01.2017 TO 08.01.2017  
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
JUVNL	255.07604	48.33821	303.41425	BSPHCL	102.52674	8.48484	94.04191
WBSETCL	190.98506	10.31091	201.29596	DVC	49.11499	4.94621	44.16878
NR	324.55721	0.00000	324.55721	GRIDCO	44.74883	8.11613	36.63270
WR	2251.96683	0.00000	2251.96683	SIKKIM	29.27528	0.55530	28.71998
KHSTPP-I	24.87339	0.91781	25.79120	NER	1082.65394	0.00000	1082.65394
NVVN-NEPAL	17.71461	1.41163	19.12624	SR	997.18165	0.00000	997.18165
IND BARATH	1.13328	0.00000	1.13328	HVDC SASARAM	1.18653	0.02076	1.16577
TPTCL	20.50680	0.00000	20.50680	FSTPP I&II	6.42227	0.35041	6.07187
KHSTPP-II	5.88640	0.02161	5.90801	BRBCL	428.15809	0.00000	428.15809
FSTPP-III	1.91864	0.07888	1.99752	TALCHER SOLAR	1.54588	0.00000	1.54588
NVVN-BD	20.33758	1.14089	21.47848	TSTPP	10.91071	0.32522	10.58549
BARH	51.50656	0.15560	51.66217	RANGIT	1.47108	0.04558	1.42550
KBUNL	15.52844	0.00000	15.52844	JORETHANG LOOP HEP	0.69658	0.00840	0.68818
Adj. for JITPL for 31.12.16-01.01.17	0.66247	0.00000	0.66247	GMRKEL	41.72903	0.99931	40.72972
Adj. for BSPHCL for 18.12.16	0.70163	0.00000	0.70163	CHUZACHEN	1.21740	0.00000	1.21740
				TEESTA	14.64404	0.00000	14.64404
				JITPL	39.29447	0.51232	38.78215
				MAITHON R/B	18.88194	0.12610	18.75584
				APNRL	53.68555	8.50237	45.18319
<b>TOTAL</b>	<b>3183.35494</b>	<b>62.37555</b>	<b>3245.73049</b>		<b>2925.34502</b>	<b>32.99295</b>	<b>2892.35207</b>

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

95.36850

(All figures in Rs. Lakhs)

Payable to the pool(A):	3183.35494
Payable from the pool(B):	2925.34502
Differential Amount Arising from capping of Thermal Power Stations(A-B)	258.00993
Additional Deviation Amount:	95.36850
VAE of Eastern Region:	177.47609

MEMBER SECRETARY

**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 03/10/16-09/10/16 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, 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 2.30% 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.

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 wef 00.00 hrs of 20.09.15 and the same has been declared commercial wef 00.00 hrs of 26.09.15.U#2 of the same project declared commercial wef 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, KBUNL Stage-II has started drawing startup power w.e.f 00.00 hrs of 28/12/17.**

**xxxi) Adjustment of BSPHCL and JITPL has been done due to revised schedule for 18/12/16, 31/12/16 and 01/01/17.**

MEMBER SECRETARY

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 02/01/2017 to 08/01/2017**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.	
02/01/2017	BSPHCL	-58937.77	-56870.91	2303502.67	382229.60	
	JUVNL	-14768.13	-14809.85	-1593637.06	573595.77	
	DVC	26242.59	26319.56	79104.36	148121.21	
	GRIDCO	-26422.27	-26283.84	26815.37	203945.10	
	SIKKIM	-1448.26	-1331.16	112842.14	25167.42	
	WBSETCL	-22586.15	-23406.37	-551737.17	37697.94	
	NER	-3687.07	5053.63	15568563.74	596592.84	
	NR	-67560.25	-70106.24	-2646538.96	4948734.83	
	SR	-25789.32	-11219.48	23023599.95	1923055.36	
	WR	26362.89	1238.98	-44359307.99	36969615.01	
	HVDC SASARAM	-24.60	-4.40	35258.29	1612.95	
	FSTPP I&II	28874.99	28956.29	185899.62	21851.21	
	BRBCL	0.00	4398.78	6072615.51	0.00	
	KHSTPP-I	14731.98	14271.48	-756809.63	79999.33	
	TALCHER SOLAR	45.28	30.53	-144328.81	0.00	
	TSTPP	19318.99	19205.73	14959.94	32368.68	
	NVVN-NEPAL	-2868.48	-2947.64	-81653.94	0.00	
	RANGIT	519.00	540.25	40314.05	3532.94	
	IND BARATH	0.00	-6.25	-16067.19	0.00	
	JORETHANG LOOP HEP	395.18	472.18	144967.03	0.00	
	TPTCL	649.20	639.96	-8211.40	0.00	
	KHSTPP-II	26858.92	26759.15	43792.48	536.21	
	GMRKEL	11346.00	11583.20	813044.77	0.00	
	FSTPP-III	8706.81	8695.80	9703.91	0.00	
	CHUZACHEN	510.01	521.56	32768.12	0.00	
	TEESTA	2802.00	2887.09	191480.94	0.00	
	JITPL	9972.88	10365.02	763283.14	6817.39	
	MAITHON R/B	20981.75	20971.27	172593.16	3030.03	
	APNRL	10054.27	9968.95	-751221.11	709491.95	
	NVVN-BD	-8501.09	-8666.51	-286991.12	0.00	
	BARH	25822.44	25582.15	-450770.60	0.00	
	VAE	-747.34	0.00	1385997.45	0.00	
	TALA	3624.00	430.16	-6323808.73	0.00	
	CHUKHA	720.00	3366.46	5954545.58	0.00	
	KIRICHU	240.00	-83.51	-640541.09	0.00	
	KBUNL	0.00	-122.73	-222491.80	0.00	
	03/01/2017	BSPHCL	-57122.33	-57391.65	-835404.35	122766.59
		JUVNL	-13761.23	-15751.59	-4784864.23	985649.19
		DVC	27645.39	28599.99	2077229.58	28725.83
		GRIDCO	-21866.06	-20664.56	2684279.23	21218.74
SIKKIM		-1236.71	-1371.31	-348561.77	0.00	
WBSETCL		-25495.95	-26794.24	-2889921.33	229389.27	
NER		-3809.47	3189.13	17431550.34	0.00	
NR		-69411.83	-70975.97	-3581647.85	5174142.50	
SR		-28592.31	-11021.59	43178485.82	0.00	
WR		30092.73	1804.40	-71175291.27	60247868.05	
HVDC SASARAM		-26.13	-12.44	33822.32	0.00	
FSTPP I&II		31370.74	31372.00	25545.32	0.00	
BRBCL		0.00	5735.07	9674707.61	0.00	
KHSTPP-I		15905.78	15785.43	-248566.67	0.00	
TALCHER SOLAR		23.04	29.48	59119.84	0.00	
TSTPP		10295.09	10490.05	454496.88	0.00	
NVVN-NEPAL		-2390.40	-2714.56	-853465.31	141163.27	
RANGIT		510.00	533.74	60477.21	0.00	
IND BARATH		0.00	-6.62	-22566.01	0.00	
JORETHANG LOOP HEP		494.15	469.54	-2516.08	0.00	
TPTCL		649.20	636.84	-31605.29	0.00	
KHSTPP-II		24592.15	24539.85	-83276.89	0.00	
GMRKEL		12069.72	12853.16	2191253.95	0.00	
FSTPP-III		8963.03	8963.92	-6858.71	0.00	
CHUZACHEN		350.76	356.13	15137.72	0.00	
TEESTA		2802.00	2911.13	275488.09	0.00	
JITPL		11254.27	11687.49	990576.22	0.00	
MAITHON R/B		21498.88	21667.02	436623.97	0.00	
APNRL		10543.36	10656.29	253336.72	0.00	
NVVN-BD		-8304.86	-8647.38	-843995.47	37999.64	
BARH		26691.00	26289.93	-844441.10	0.00	
VAE		-2670.90	0.00	6256007.52	0.00	
TALA		3720.00	352.66	-6667326.84	0.00	
CHUKHA		576.00	2759.99	4913970.48	0.00	
KIRICHU		0.00	33.85	67024.58	0.00	
KBUNL		0.00	-130.52	-333860.19	0.00	
04/01/2017		BSPHCL	-60371.00	-59047.16	1802005.91	1045.43
		JUVNL	-14598.40	-16116.20	-3757543.39	495601.41
		DVC	30675.57	29987.02	-1854929.53	116590.88
		GRIDCO	-26491.85	-26362.83	201373.76	27985.68
	SIKKIM	-1715.58	-1398.14	676813.32	0.00	
	WBSETCL	-25694.88	-27184.35	-3225334.42	265323.53	
	NER	-6039.79	94.93	13482344.62	0.00	
	NR	-63619.60	-66273.06	-4860700.72	8434718.25	
	SR	-29856.39	-10862.19	41209267.25	0.00	
	WR	27215.18	388.65	-60093712.31	50572846.50	
	HVDC SASARAM	-26.14	-20.91	12125.31	0.00	
	FSTPP I&II	31959.90	32023.33	-60292.78	0.00	
	BRBCL	0.00	5750.11	9299328.27	0.00	
	KHSTPP-I	16237.99	16012.50	-599834.38	2768.22	
	TALCHER SOLAR	32.95	35.40	22771.64	0.00	
	TSTPP	21600.28	21696.06	213967.33	0.00	
	NVVN-NEPAL	-2868.48	-2915.07	-136981.10	0.00	
	RANGIT	510.00	520.74	29492.21	0.00	
	IND BARATH	0.00	-5.96	-19735.63	0.00	
	JORETHANG LOOP HEP	494.15	451.22	-47329.14	0.00	
	TPTCL	872.88	631.78	-543926.07	0.00	
	KHSTPP-II	18891.30	18880.58	20680.52	0.00	
	GMRKEL	13067.18	13139.20	449305.29	97019.03	
	FSTPP-III	9652.94	9654.44	40811.85	0.00	
	CHUZACHEN	373.44	382.03	23742.53	0.00	
	TEESTA	2802.00	2905.53	233191.75	0.00	
	JITPL	11767.99	12224.87	1092096.19	0.00	
	MAITHON R/B	21785.50	21952.73	410089.24	0.00	
	APNRL	8452.87	8839.56	761433.99	0.00	
	NVVN-BD	-8418.65	-8557.96	-296994.88	13738.60	
	BARH	26878.15	26127.49	-1651076.20	0.00	
	VAE	-2123.22	0.00	6033289.96	0.00	
	TALA	3624.00	408.45	-6366796.74	0.00	
	CHUKHA	624.00	3196.55	5788239.10	0.00	
	KIRICHU	0.00	-64.82	-128346.77	0.00	
	KBUNL	0.00	-89.40	-203147.84	0.00	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 02/01/2017 to 08/01/2017**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
05/01/2017	BSPHCL	-59982.39	-58673.19	2115198.43	0.00
	JUVNL	-14677.03	-16893.19	-4833636.29	1247542.14
	DVC	31953.36	31690.62	-313410.97	11891.20
	GRIDCO	-26427.23	-27263.10	-1042730.74	198049.97
	SIKKIM	-1602.77	-1274.82	701223.34	0.00
	WBSETCL	-24232.31	-24917.26	-1435520.79	96704.24
	NER	-7442.07	-641.20	14127719.51	25336.55
	NR	-65706.74	-66967.67	-1014412.44	10736025.86
	SR	-11107.27	-6435.38	7114244.21	3507157.48
	WR	15213.98	1601.71	-28985299.24	25836378.52
	HVDC SASARAM	-26.15	-20.63	11815.78	0.00
	FSTPP I&II	31479.04	31424.09	-253517.84	0.00
	BRBCL	0.00	5748.25	8677719.91	0.00
	KHSTPP-I	16157.62	16018.50	-300695.84	0.00
	TALCHER SOLAR	32.95	45.27	111489.82	0.00
	TSTPP	22394.50	22404.32	-136.48	0.00
	NVVN-NEPAL	-2868.48	-2922.15	-135812.93	0.00
	RANGIT	510.00	504.48	8870.08	0.00
	IND BARATH	0.00	-5.96	-16862.28	0.00
	JORETHANG LOOP HEP	482.15	424.14	-26869.06	0.00
	TPTCL	872.88	627.12	-511917.31	0.00
	KHSTPP-II	10312.85	10228.47	-134185.69	0.00
	GMRKEL	14780.48	14739.13	161727.56	0.00
	FSTPP-III	9387.65	9356.27	-59649.26	0.00
	CHUZACHEN	373.44	382.15	24562.89	0.00
	TEESTA	2634.00	2720.98	220728.39	0.00
	JITPL	12343.15	12632.95	617590.22	0.00
	MAITHON R/B	21773.50	21862.80	275546.32	0.00
	APNRL	8402.35	8930.69	1038602.89	68353.23
	NVVN-BD	-8262.42	-8542.33	-594681.55	57817.28
	BARH	26565.79	26139.38	-1017578.04	1045.98
	VAE	-1654.39	0.00	4296166.35	0.00
	TALA	3168.00	379.41	-5521409.33	0.00
	CHUKHA	600.00	2969.31	5330938.84	0.00
	KIRICHU	96.00	125.24	57903.12	0.00
KBUNL	0.00	-105.10	-226764.94	0.00	
06/01/2017	BSPHCL	-60560.38	-58912.69	1299436.24	49506.96
	JUVNL	-15441.91	-17510.93	-4098725.01	823742.73
	DVC	38477.01	40226.98	3022206.72	47621.09
	GRIDCO	-25737.85	-25568.98	292903.14	35055.91
	SIKKIM	-1613.79	-1361.76	461830.46	7881.48
	WBSETCL	-25737.35	-27058.27	-1817448.17	76232.36
	NER	-8930.14	-321.67	15059636.43	253663.22
	NR	-68033.98	-69126.21	-1925630.11	8594505.50
	SR	-7831.87	-12072.30	-9041516.13	11608238.79
	WR	2703.79	-4782.16	-13412261.20	13266791.83
	HVDC SASARAM	-26.16	-20.85	9816.68	180.76
	FSTPP I&II	32164.26	32073.42	30476.97	0.00
	BRBCL	0.00	4469.49	6317660.01	0.00
	KHSTPP-I	16543.23	16282.51	-433515.37	2276.13
	TALCHER SOLAR	39.99	45.53	51119.63	0.00
	TSTPP	22263.83	22315.69	167340.06	0.00
	NVVN-NEPAL	-2868.48	-2971.65	-172872.22	0.00
	RANGIT	510.00	505.15	16215.18	307.58
	IND BARATH	0.00	-5.53	-10794.15	0.00
	JORETHANG LOOP HEP	511.34	466.16	17354.24	0.00
	TPTCL	872.88	623.42	-452255.07	0.00
	KHSTPP-II	17698.00	17329.41	-615223.44	0.00
	GMRKEL	14589.86	14670.40	760716.02	2600.01
	FSTPP-III	9590.20	9554.50	-50655.72	0.00
	CHUZACHEN	379.99	383.15	5012.52	0.00
	TEESTA	2802.00	2902.65	203501.42	0.00
	JITPL	12084.15	12254.69	405106.04	22998.41
	MAITHON R/B	21750.88	21800.07	281395.97	0.00
	APNRL	8351.82	9342.55	1632690.02	29811.76
	NVVN-BD	-7636.00	-7731.49	-211698.32	0.00
	BARH	25832.77	25425.60	-687633.70	6419.76
	VAE	-1283.26	0.00	2160033.23	0.00
	TALA	3630.00	318.36	-6557052.40	0.00
	CHUKHA	600.00	2491.51	4255886.62	0.00
	KIRICHU	96.00	56.07	-79068.53	0.00
KBUNL	0.00	-114.67	-212587.59	0.00	
07/01/2017	BSPHCL	-58845.97	-57640.42	860619.76	33871.44
	JUVNL	-16270.07	-18001.94	-2633203.29	228007.74
	DVC	30567.17	32000.23	1084116.97	48193.07
	GRIDCO	-22966.32	-23355.60	-395410.34	160033.43
	SIKKIM	-1560.78	-1428.17	206944.38	0.00
	WBSETCL	-23842.59	-24658.70	-1168568.77	41527.76
	NER	-7815.74	3792.08	17780983.15	215838.80
	NR	-59235.33	-59942.97	-710699.73	1987570.75
	SR	-8389.83	-13328.87	-8217262.61	6600925.22
	WR	2342.69	-2381.85	-7717217.98	9686430.55
	HVDC SASARAM	-26.22	-21.30	7883.96	83.04
	FSTPP I&II	30450.75	30478.82	192208.06	0.00
	BRBCL	0.00	2317.40	3026637.36	0.00
	KHSTPP-I	15334.87	15275.56	-11385.49	0.00
	TALCHER SOLAR	39.99	42.97	27804.00	0.00
	TSTPP	19977.50	20084.13	118414.26	0.00
	NVVN-NEPAL	-2868.48	-2991.11	-184367.51	0.00
	RANGIT	486.00	480.11	-2124.53	190.10
	IND BARATH	0.00	-7.05	-15526.47	0.00
	JORETHANG LOOP HEP	479.13	441.21	-11221.81	0.00
	TPTCL	872.88	609.30	-406692.26	0.00
	KHSTPP-II	17978.58	18288.43	282294.88	0.00
	GMRKEL	10972.01	10734.69	-138803.29	312.27
	FSTPP-III	9068.30	9011.63	-75698.48	5414.20
	CHUZACHEN	458.63	466.20	15719.42	0.00
	TEESTA	3042.00	3145.56	228888.08	0.00
	JITPL	11559.91	11582.98	4327.62	2030.97
	MAITHON R/B	21448.31	21441.82	69059.33	0.00
	APNRL	8715.60	9505.53	1265898.87	11608.43
	NVVN-BD	-7686.39	-7689.56	-26396.57	0.00
	BARH	25277.87	25074.98	-298104.16	6731.42
	VAE	1571.11	0.00	-2383885.60	0.00
	TALA	3168.00	301.86	-5674958.45	0.00
	CHUKHA	600.00	2362.39	3965376.72	0.00
	KIRICHU	96.00	-76.99	-342519.41	0.00
KBUNL	0.00	-136.01	-218877.65	0.00	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 02/01/2017 to 08/01/2017**

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DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE IN Rs.
08/01/2017	BSPHCL	-60961.53	-57644.87	3389764.45	259063.67
	JUVNL	-14894.61	-16477.56	-2591017.03	479681.98
	DVC	26521.42	26541.16	125341.29	93477.62
	GRIDCO	-20017.32	-20622.22	-789801.15	165324.03
	SIKKIM	-1485.44	-1230.12	342106.00	22481.40
	WBSETCL	-18687.51	-20213.23	-2004652.57	284215.44
	NER	-5052.30	4786.70	14814595.80	380597.47
	NR	-47602.73	-58140.38	-17716091.43	11756749.58
	SR	-5599.09	-3786.55	2451746.82	871543.44
	WR	-10716.61	-10606.50	546406.67	3385270.30
	HVDC SASARAM	-26.64	-21.21	7930.97	199.72
	FSTPP I&II	27547.42	27839.00	521908.08	13189.65
	BRBCL	0.00	-165.87	-252859.51	0.00
	KHSTPP-I	14517.75	14406.95	-136531.18	6737.74
	TALCHER SOLAR	38.43	41.30	26611.55	0.00
	TSTPP	22480.56	22497.55	122028.90	153.55
	NVVN-NEPAL	-2868.48	-3020.56	-206307.58	0.00
	RANGIT	474.00	454.12	-6136.07	527.59
	IND BARATH	0.00	-8.29	-11776.70	0.00
	JORETHANG LOOP HEP	468.65	410.70	-4726.90	840.16
	TPTCL	673.44	602.21	-96072.16	0.00
	KHSTPP-II	16954.55	16828.58	-102721.86	1625.03
	GMRKEL	11366.09	11096.44	-64341.13	0.00
	FSTPP-III	8279.74	8236.36	-49517.63	2473.95
	CHUZACHEN	176.40	178.76	4797.02	0.00
	TEESTA	2511.00	2576.91	111125.51	0.00
	JITPL	11754.23	11829.45	56467.52	19384.94
	MAITHON R/B	21413.50	21454.47	242885.83	9579.63
	APNRL	8720.40	9509.45	1167813.67	30971.18
	NVVN-BD	-8720.75	-8599.35	226999.59	4533.75
	BARH	23951.09	23723.24	-201052.68	1363.18
	VAE	0.00	0.00	0.00	0.00
	TALA	3600.00	329.26	-6476064.00	0.00
	CHUKHA	360.00	2576.84	4987879.11	0.00
	KIRICHU	48.00	37.34	-21108.38	0.00
	KBUNL	0.00	-88.54	-135113.65	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK FROM 02/01/2017 TO 08/01/2017	BSPHCL	-416781.37	-406180.88	10252674.23	-848483.69
	JUVNL	-104411.38	-115561.27	-25507604.00	4833820.96
	DVC	212082.52	215365.56	4911499.26	-499620.90
	GRIDCO	-169928.90	-170121.13	4474883.21	-811612.86
	SIKKIM	-10663.34	-9395.47	2927528.28	-55530.30
	WBSETCL	-166276.73	-174232.42	-19098505.85	-1031090.55
	NER	-42776.57	15953.61	108265393.60	-1472028.88
	NR	-441170.46	-461532.50	-32455721.23	-51632447.26
	SR	-117166.06	-68726.35	99718165.31	-24510920.29
	WR	93214.64	-12736.77	-225196683.33	-199965200.76
	HVDC SASARAM	-182.04	-121.75	118653.32	-2076.46
	FSTPP I&II	213847.11	214166.96	642227.43	-35040.86
	BRBCL	0.00	28253.24	42815809.16	0.00
	KHSTPP-I	109429.23	108049.93	-2487338.57	-91781.42
	TALCHER SOLAR	252.63	270.48	154587.67	0.00
	TSTPP	138330.75	138693.53	1091070.90	-32522.23
	NVVN-NEPAL	-19601.28	-20482.75	-1771460.59	-141163.27
	RANGIT	3519.00	3538.60	147108.11	-4558.22
	IND BARATH	0.00	45.67	-113328.44	0.00
	JORETHANG LOOP HEP	3324.73	3135.14	69658.28	-840.16
	TPTCL	5463.36	4370.63	-2050679.56	0.00
	KHSTPP-II	133286.35	132853.48	-588640.00	-2161.24
	GMRKEL	88191.34	88816.22	4172903.17	-99931.31
	FSTPP-III	63648.67	63472.93	-191864.03	-7888.15
	CHUZACHEN	2622.67	2669.98	121740.23	0.00
	TEESTA	19395.00	20049.85	1464403.58	0.00
	JITPL	80736.57	82577.45	3929446.93	-51231.71
	MAITHON R/B	150652.31	151150.18	1888193.80	-12609.66
	APNRL	63240.68	66753.02	5368555.06	-850236.55
	NVVN-BD	-57530.15	-58434.58	-2033758.32	-114089.27
BARH	181019.10	178362.76	-5150656.48	-15560.34	
VAE	-6908.00	0.00	17747608.91	0.00	
KBUNL	0.00	-786.96	-1552843.66	0.00	

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

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

Format -AS7: RRAS Settlement Account by ERPC

Date:23/01/2017

RRAS Account for Week: 02.01.17 TO 08.01.17

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	4085.40289	3219297	9915273	2042701	15177272
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	1279.56230	1300035	3008251	639781	4948067
4	KhSTPP-II	2702.60266	3126911	6018696	1351301	10496909
5	TSTPP-I	9.87817	8979	16309	4939	30227
6	BARH STPP-II	912.70911	1743274	2422330	456355	4621959

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	450.750000	1093970	820478
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	250.500000	588926	441694
4	KhSTPP-II	22.000000	48994	36746
5	TSTPP-I	245.840000	405882	304411
6	BARH STPP-II	842.750000	2236659	1677494



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	4085.402889	3151	BSEB
			2517	DVC
			3000919	WBSEB
			12966	SIKKIM
			28986	UP
			77899	DELHI
			32501	PUNJAB.
			5048	RAJASTHAN
			55310	HARYANA
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	1279.562300	578576	BSEB
			5277	DVC
			3330	SIKKIM
			242106	UP
			147004	DELHI
			122654	PUNJAB.
			42579	RAJASTHAN
			158508	HARYANA
4	KhSTPP-II	2702.602664	121960	BSEB
			6644	DVC
			1882	SIKKIM
			231722	UP
			299841	DELHI
			197630	PUNJAB.
			116563	RAJASTHAN
			35835	J&K
			444326	HARYANA
			33797	HP
			162651	M.P
			202927	CHHATISGARH
			316385	MAHA RASHTRA
954748	GUJRAT			
5	TSSTPP-I	9.87817275	2162	DVC
			5600	WBSEB
			1217	SIKKIM
6	BARH STPP-II	912.709109	1105151	BSEB
			156989	GRIDCO
			481135	SIKKIM

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.