



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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ISO: 9001-2000

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

Date: 31.01.2017

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 09.01.2017 to 15.01.2017**

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, 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, 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)
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 09.01.2017 TO 15.01.2017  
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
BSPHCL	148.78796	16.11592	164.90388	DVC	31.30582	8.28608	23.01975
JUVNL	260.99460	62.52891	323.52351	GRIDCO	65.37889	12.18237	53.19652
WBSETCL	179.06260	17.00882	196.07142	SIKKIM	22.25457	0.58052	21.67405
WR	2013.03090	0.00000	2013.03090	NER	1215.75167	0.00000	1215.75167
FSTPP I&II	14.84023	0.67208	15.51230	NR	605.13350	0.00000	605.13350
BRBCL	14.20079	0.00000	14.20079	SR	552.07206	0.00000	552.07206
KHSTPP-I	19.33215	0.02712	19.35927	HVDC SASARAM	1.08032	0.01328	1.06704
TALCHER SOLAR	2.64985	0.00000	2.64985	TSTPP	14.10429	0.68295	13.42135
NVVN-NEPAL	14.73869	0.01643	14.75512	RANGIT	1.92031	0.04221	1.87810
IND BARATH	1.08213	0.00000	1.08213	JORETHANG LOOP HEP	1.07012	0.04015	1.02997
TPTCL	13.93428	0.00000	13.93428	KHSTPP-II	2.07912	1.72470	0.35441
GMRKEL	9.98548	1.43357	11.41905	CHUZACHEN	0.52212	0.00000	0.52212
FSTPP-III	0.94976	0.02864	0.97840	TEESTA	11.20736	0.00000	11.20736
APNRL	6.02132	4.96069	10.98201	JITPL	32.31294	1.32264	30.99030
NVVN-BD	2.67630	0.46628	3.14258	MAITHON R/B	14.50035	0.00019	14.50016
BARH	34.96419	0.46974	35.43393				
KBUNL	4.03060	0.00000	4.03060				
Adj. for WBSETCL for 06/01/17	0.27260	0.00000	0.27260				
<b>TOTAL</b>	<b>2741.55443</b>	<b>103.72821</b>	<b>2845.28264</b>		<b>2570.69344</b>	<b>24.87508</b>	<b>2545.81836</b>

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

128.60329

(All figures in Rs. Lakhs)

Payable to the pool(A):	2741.55443
Payable from the pool(B):	2570.69344
Differential Amount Arising from capping of Thermal Power Stations(A-B)	170.86099
Additional Deviation Amount:	128.60329
VAE of Eastern Region:	81.66179

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** : Jeyapore end of Jeyapore -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 WBSETCL has been done due to revised West Bengal drawal for 06/01/17**

MEMBER SECRETARY

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 09/01/2017 to 15/01/2017**

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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.	
09/01/2017	BSPHCL	-58612.14	-58725.28	-461799.81	12931.10	
	JUVNL	-14800.97	-16638.72	-2970317.17	349714.90	
	DVC	29809.73	29814.55	-316184.13	53079.27	
	GRIDCO	-21150.05	-20421.13	329185.62	39529.54	
	SIKKIM	-1500.05	-1400.91	152914.52	4684.96	
	WBSETCL	-20554.94	-21594.30	-1842946.23	477348.30	
	NER	-4744.27	2936.90	13377283.25	226823.66	
	NR	-63518.78	-59108.20	7164338.36	1617000.08	
	SR	-14175.06	-13207.55	796210.90	344874.50	
	WR	6251.45	-3475.76	-16219999.40	15543952.54	
	HVDC SASARAM	-26.36	-21.38	8617.81	99.32	
	FSTPP I&II	29357.50	29141.13	-353780.47	0.00	
	BRBCL	0.00	-133.05	-228827.92	0.00	
	KHSTPP-I	15290.26	15049.06	-370671.98	0.00	
	TALCHER SOLAR	41.34	40.63	-6675.25	0.00	
	TSTPP	21856.27	22088.56	431391.56	7996.22	
	NVVN-NEPAL	-2864.40	-2972.29	-191159.97	0.00	
	RANGIT	450.00	452.53	9859.93	132.43	
	IND BARATH	0.00	-5.75	-13278.47	0.00	
	JORETHANG LOOP HEP	442.22	398.37	-3988.92	598.08	
	TPTCL	650.16	597.29	-87267.82	0.00	
	KHSTPP-II	18394.91	18369.72	51640.95	0.00	
	GMRKEL	12934.86	12552.73	-331583.42	25483.31	
	FSTPP-III	8875.92	8858.78	-12843.00	0.00	
	CHUZACHEN	481.44	487.89	12679.94	0.00	
	TEESTA	2130.00	2201.86	159803.06	0.00	
	JITPL	11560.52	11716.00	303952.67	0.00	
	MAITHON R/B	21242.63	21311.85	264163.49	0.00	
	APNRL	9692.64	9819.27	219723.29	0.00	
	NVVN-BD	-8707.69	-8693.24	3378.16	5028.90	
	BARH	24566.72	24047.67	-872657.27	2770.11	
	VAE	-1033.12	0.00	1401773.71	0.00	
	TALA	3216.00	279.29	-5814683.77	0.00	
	CHUKHA	120.00	2185.77	4647975.65	0.00	
	KIRICHU	72.00	37.44	-68428.80	0.00	
	KBUNL	0.00	-74.80	-128977.61	0.00	
	10/01/2017	BSPHCL	-57627.18	-58591.11	-1803167.36	145149.97
		JUVNL	-13846.07	-14015.43	-1350656.41	459913.19
		DVC	35254.87	37994.97	2478163.29	5444.07
		GRIDCO	-18938.02	-18039.05	1486429.15	64602.37
SIKKIM		-1627.70	-1481.66	258606.09	0.00	
WBSETCL		-19456.73	-19934.55	-731326.36	129509.02	
NER		-4216.65	3120.70	15026463.04	0.00	
NR		-66828.00	-61162.05	11600993.62	1065204.30	
SR		-14470.62	-15163.52	-1847485.15	4044311.64	
WR		7546.02	-5311.12	-26502848.80	23591460.43	
HVDC SASARAM		-26.16	-17.19	18765.67	0.00	
FSTPP I&II		29617.01	29430.27	-315709.93	0.00	
BRBCL		0.00	-101.55	-204176.17	0.00	
KHSTPP-I		15733.65	15471.20	-440032.52	749.92	
TALCHER SOLAR		41.75	31.72	-95582.62	0.00	
TSTPP		22594.75	22664.77	176742.76	0.00	
NVVN-NEPAL		-2864.40	-2970.30	-233146.04	0.00	
RANGIT		420.00	440.94	38667.46	0.00	
IND BARATH		0.00	-5.89	-16055.86	0.00	
JORETHANG LOOP HEP		442.22	394.23	-52813.55	6.01	
TPTCL		630.72	590.54	-80244.36	0.00	
KHSTPP-II		14009.55	14140.07	-60853.19	629.09	
GMRKEL		7430.52	7426.98	160153.87	0.00	
FSTPP-III		8818.27	8796.67	-8787.15	0.00	
CHUZACHEN		277.59	284.31	14992.50	0.00	
TEESTA		2634.00	2731.24	252297.55	0.00	
JITPL		12084.48	12291.93	390411.36	0.00	
MAITHON R/B		21761.58	21779.96	146033.74	0.00	
APNRL		8717.88	8522.11	-774189.76	486774.27	
NVVN-BD		-8630.57	-8715.02	-109876.47	0.00	
BARH		23682.29	23481.16	-313032.44	0.00	
VAE		-956.08	0.00	1747331.65	0.00	
TALA		3192.00	266.15	-5793186.71	0.00	
CHUKHA		264.00	2082.91	4092545.27	0.00	
KIRICHU		48.00	-114.70	-322138.08	0.00	
KBUNL		0.00	-67.57	-144870.74	0.00	
11/01/2017		BSPHCL	-57484.37	-59962.32	-5453609.80	765047.03
		JUVNL	-14059.07	-16484.12	-5828774.93	2380489.74
		DVC	33957.87	34348.93	294998.77	44204.88
		GRIDCO	-17610.41	-15467.61	2497144.66	124708.38
	SIKKIM	-1535.00	-1402.71	235574.15	9226.94	
	WBSETCL	-20313.75	-21698.35	-2718322.52	585259.25	
	NER	-4043.78	5032.28	19002689.23	290212.83	
	NR	-63062.68	-58030.33	8947815.98	3289627.15	
	SR	-33229.65	-13896.45	40725990.90	516657.55	
	WR	30253.14	-144.85	-62102069.57	52562630.51	
	HVDC SASARAM	-26.15	-12.99	27492.50	521.45	
	FSTPP I&II	30224.01	30193.45	-86664.01	27564.59	
	BRBCL	0.00	-87.62	-181891.69	0.00	
	KHSTPP-I	15935.38	15779.44	-171959.44	0.00	
	TALCHER SOLAR	42.58	31.16	-109601.92	0.00	
	TSTPP	21090.16	21207.86	244489.02	7055.57	
	NVVN-NEPAL	-2864.40	-2986.04	-256529.02	0.00	
	RANGIT	510.00	532.82	47579.25	775.37	
	IND BARATH	0.00	-5.09	-15886.63	0.00	
	JORETHANG LOOP HEP	434.31	420.04	64717.72	10.83	
	TPTCL	744.96	593.01	-314957.43	0.00	
	KHSTPP-II	10147.33	10169.26	47213.82	0.00	
	GMRKEL	7902.72	7696.44	-255189.45	0.00	
	FSTPP-III	9108.24	9090.90	-12144.39	0.00	
	CHUZACHEN	343.21	349.42	17368.82	0.00	
	TEESTA	2634.00	2718.40	193981.90	0.00	
	JITPL	10932.13	11255.49	456672.56	114198.19	
	MAITHON R/B	21604.04	21697.05	308317.33	19.41	
	APNRL	5838.99	5779.20	-125039.15	1443.41	
	NVVN-BD	-8517.68	-8524.80	-167485.73	9267.57	
	BARH	25444.45	25124.62	-624356.53	6080.18	
	VAE	-1933.00	0.00	4581456.40	0.00	
	TALA	2904.00	286.99	-5181689.04	0.00	
	CHUKHA	168.00	2245.98	4675463.06	0.00	
	KIRICHU	48.00	-85.48	-264287.23	0.00	
	KBUNL	0.00	-16.22	-31746.56	0.00	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 09/01/2017 to 15/01/2017**

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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.
12/01/2017	BSPHCL	-57918.21	-60003.06	-4324803.92	375776.62
	JUVNL	-15631.32	-17744.52	-3872432.24	696999.39
	DVC	33990.63	33641.44	-773807.26	49868.09
	GRIDCO	-18577.17	-18400.95	349570.45	123375.04
	SIKKIM	-1510.58	-1416.09	87876.31	0.00
	WBSETCL	-25261.37	-27160.84	-3196668.52	133695.92
	NER	-4262.81	7202.19	21956363.75	0.00
	NR	-63622.10	-57162.04	14084451.76	336146.76
	SR	-11996.98	-12102.43	-1827408.08	3428973.34
	WR	13183.09	975.16	-24606111.23	20086212.75
	HVDC SASARAM	-26.09	-15.20	21012.68	0.00
	FSTPP I&II	30657.86	30672.74	-1352.30	0.00
	BRBCL	0.00	-91.58	-175823.67	0.00
	KHSTPP-I	16205.79	15971.24	-394648.03	0.00
	TALCHER SOLAR	42.58	33.03	-90718.56	0.00
	TSTPP	22472.33	22510.70	-3480.75	0.00
	NVVN-NEPAL	-2864.40	-3003.48	-279454.94	0.00
	RANGIT	456.00	473.02	39844.18	0.00
	IND BARATH	0.00	-6.55	-14675.96	0.00
	JORETHANG LOOP HEP	408.09	433.08	137210.65	7.12
	TPTCL	713.71	587.60	-245090.57	0.00
	KHSTPP-II	12190.87	11552.95	-982187.53	168945.01
	GMRKEL	7060.98	6985.45	5799.99	7932.57
	FSTPP-III	9095.51	9087.82	16140.61	0.00
	CHUZACHEN	363.39	358.71	-16284.99	0.00
	TEESTA	2802.00	2891.05	175990.77	0.00
	JITPL	10945.23	11330.25	690803.39	2281.20
	MAITHON R/B	21880.30	21954.11	224426.88	0.00
	APNRL	5785.68	5775.13	-22166.07	0.00
	NVVN-BD	-8521.50	-8550.95	-91899.30	20692.74
	BARH	24677.14	24476.07	-278816.68	0.00
	VAE	-890.63	0.00	1400026.70	0.00
	TALA	3664.00	430.29	-6402747.99	0.00
	CHUKHA	240.00	3367.50	7036864.27	0.00
KIRICHU	120.00	-98.58	-432786.02	0.00	
KBUNL	0.00	-15.60	-29521.20	0.00	
13/01/2017	BSPHCL	-59984.54	-58923.17	1573828.01	14314.13
	JUVNL	-17175.78	-19912.60	-4766740.77	1007984.30
	DVC	38598.84	39761.90	1010885.63	60048.24
	GRIDCO	-16270.82	-16718.52	-446834.41	422688.93
	SIKKIM	-1517.66	-1459.41	96801.66	0.00
	WBSETCL	-26861.52	-27920.39	-1120012.92	89272.59
	NER	-3059.68	7324.48	18403231.18	108843.27
	NR	-71837.93	-67426.45	7350541.70	1028735.50
	SR	-15159.61	-12384.59	1879507.16	3600959.20
	WR	13338.10	-2021.45	-25501911.55	22388933.31
	HVDC SASARAM	-26.13	-19.26	12066.06	114.54
	FSTPP I&II	29842.20	29550.53	-422419.83	0.00
	BRBCL	0.00	-108.96	-182048.47	0.00
	KHSTPP-I	15307.91	15195.50	-58652.72	0.00
	TALCHER SOLAR	35.49	36.57	9633.12	0.00
	TSTPP	21447.02	21624.28	312249.75	17867.79
	NVVN-NEPAL	-2864.40	-3024.99	-266983.50	0.00
	RANGIT	420.00	429.12	15566.11	138.84
	IND BARATH	0.00	-8.29	-19866.23	0.00
	JORETHANG LOOP HEP	452.49	387.06	-18855.74	11.87
	TPTCL	825.36	573.18	-428735.24	0.00
	KHSTPP-II	19703.33	19773.22	315527.19	0.00
	GMRKEL	6367.37	6017.02	-35381.22	108291.99
	FSTPP-III	9043.37	9018.69	-33734.51	0.00
	CHUZACHEN	364.36	371.92	15076.34	0.00
	TEESTA	2634.00	2699.49	124350.80	0.00
	JITPL	10898.63	11199.35	607555.96	1243.97
	MAITHON R/B	21800.21	21790.51	93322.74	0.00
	APNRL	6824.74	6890.62	59402.57	1585.01
	NVVN-BD	-5325.34	-4968.84	59808.28	10996.60
	BARH	25522.78	25180.36	-538777.55	0.00
	VAE	-916.76	0.00	1555956.35	0.00
	TALA	2952.00	269.71	-5310928.10	0.00
	CHUKHA	168.00	2110.81	4371319.80	0.00
KIRICHU	96.00	-164.25	-515302.13	0.00	
KBUNL	0.00	-15.50	-25950.02	0.00	
14/01/2017	BSPHCL	-60556.63	-61131.37	-1304677.64	113949.35
	JUVNL	-18979.68	-20899.50	-3468844.17	1121573.75
	DVC	37055.67	37625.48	510486.79	136253.17
	GRIDCO	-16065.41	-16504.89	-658250.96	274784.80
	SIKKIM	-1471.04	-1413.99	63082.01	5138.91
	WBSETCL	-26157.74	-26237.99	259481.41	40719.75
	NER	-2668.73	8437.23	17237886.05	397182.02
	NR	-71505.91	-65401.63	9587890.71	1133281.01
	SR	-4018.54	-1502.71	1712900.27	4171918.42
	WR	5119.61	-9683.06	-21599723.09	21128351.71
	HVDC SASARAM	-26.04	-19.47	10640.06	195.44
	FSTPP I&II	28967.83	28796.76	-180130.37	34180.63
	BRBCL	0.00	-179.82	-274969.22	0.00
	KHSTPP-I	15818.79	15591.76	-256231.34	0.00
	TALCHER SOLAR	35.49	36.51	8322.20	0.00
	TSTPP	21352.61	21537.35	113865.65	19115.03
	NVVN-NEPAL	-2864.40	-2935.98	-58878.39	582.24
	RANGIT	487.50	490.48	10992.04	1181.21
	IND BARATH	0.00	-7.42	-13031.53	0.00
	JORETHANG LOOP HEP	437.96	417.31	33730.43	2172.49
	TPTCL	650.16	565.79	-122306.26	0.00
	KHSTPP-II	19248.08	19594.86	634471.83	786.54
	GMRKEL	7323.31	7073.24	-8736.73	1648.85
	FSTPP-III	8603.04	8564.90	-32525.38	2147.55
	CHUZACHEN	439.05	443.41	2879.11	0.00
	TEESTA	2466.00	2507.02	85146.04	0.00
	JITPL	10318.56	10537.02	592957.68	0.00
	MAITHON R/B	21089.32	21074.00	137459.67	0.00
	APNRL	10881.36	10904.87	17731.57	5670.91
	NVVN-BD	-7920.14	-7913.78	-6933.15	407.79
	BARH	24271.85	24110.18	-304357.98	33916.87
	VAE	-29.69	0.00	50555.13	0.00
	TALA	2952.00	80.70	-5685165.75	0.00
	CHUKHA	168.00	631.60	1043102.87	0.00
KIRICHU	96.00	-199.12	-584343.94	0.00	
KBUNL	0.00	-14.46	-21710.00	0.00	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**  
**From 09/01/2017 to 15/01/2017**

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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.
15/01/2017	BSPHCL	-60906.94	-61562.14	-1377659.70	184424.16
	JUVNL	-15315.08	-16780.83	-2334279.39	236215.80
	DVC	35449.05	37050.70	766995.78	479709.96
	GRIDCO	-14612.69	-14222.76	360814.18	168547.51
	SIKKIM	-1742.48	-1265.46	707129.76	39000.89
	WBSSETCL	-18796.72	-19391.85	-812790.83	245077.16
	NER	-1822.99	9157.52	16571250.18	790136.37
	NR	-66623.80	-66287.59	1777317.88	3246599.35
	SR	-6546.24	2665.68	13767490.10	707508.34
	WR	-2354.12	-18705.93	-24770426.82	21904825.76
	HVDC SASARAM	-26.64	-20.68	9437.20	397.03
	FSTPP I&II	26480.88	26437.44	-123965.74	5462.44
	BRBCL	0.00	-113.04	-172341.63	0.00
	KHSTPP-I	14165.36	13991.36	-241018.78	1962.55
	TALCHER SOLAR	35.49	37.65	19637.71	0.00
	TSTPP	21882.18	21975.31	135171.33	16260.18
	NVVN-NEPAL	-2864.40	-2979.92	-187716.84	1060.70
	RANGIT	438.00	455.70	29521.99	1992.89
	IND BARATH	0.00	-9.75	-15418.53	0.00
	JORETHANG LOOP HEP	425.22	357.88	-52988.56	1208.49
	TPTCL	650.16	566.43	-114826.09	0.00
	KHSTPP-II	18729.07	18804.84	202098.44	2109.83
	GMRKEL	7518.05	7192.44	-215161.32	0.00
	FSTPP-III	8191.30	8162.54	-11082.07	716.45
	CHUZACHEN	146.35	147.99	5500.42	0.00
	TEESTA	2466.00	2516.51	129165.43	0.00
	JITPL	10384.21	10415.71	188940.26	14540.17
	MAITHON R/B	19970.99	19964.58	276311.55	0.00
	APNRL	10883.57	10892.15	22405.87	595.89
	NVVN-BD	-8613.73	-8586.44	45378.17	234.64
	BARH	23507.96	23201.67	-564420.82	4207.05
	VAE	1147.84	0.00	-2570921.22	0.00
	TALA	2952.00	161.87	-5524452.50	0.00
	CHUKHA	168.00	1266.83	2472378.12	0.00
	KIRICHU	96.00	-394.95	-972085.75	0.00
	KBUNL	0.00	-13.50	-20283.80	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 09/01/2017 TO 15/01/2017	BSPHCL	-413090.01	-418898.46	-14878795.97	-1611592.37
	JUVNL	-108907.95	-122475.71	-26099459.84	-6252891.06
	DVC	244116.64	250237.97	3130582.40	-828607.68
	GRIDCO	-123224.57	-119774.90	6537889.06	-1218236.56
	SIKKIM	-10904.50	-9840.23	2225456.79	-58051.70
	WBSSETCL	-157402.77	-163938.27	-17906260.32	-1700881.98
	NER	-24818.90	43211.31	121575166.68	-1813198.16
	NR	-466999.19	-434578.29	60513350.00	-11716594.14
	SR	-99596.69	-65591.58	55207206.09	-19919082.99
	WR	73337.28	-38367.02	-201303090.45	-177206367.00
	HVDC SASARAM	-183.56	-126.18	108031.97	-1327.79
	FSTPP I&II	205147.28	204222.33	-1484022.64	-67207.65
	BRBCL	0.00	-815.62	-1420078.78	0.00
	KHSTPP-I	108457.14	107049.55	-1933214.82	-2712.47
	TALCHER SOLAR	274.71	247.27	-264985.31	0.00
	TSTPP	152695.32	153608.83	1410429.32	-68294.79
	NVVN-NEPAL	-20050.80	-20873.00	-1473868.69	-1642.94
	RANGIT	3181.50	3274.62	192030.97	-4220.74
	IND BARATH	0.00	-48.73	-108213.20	0.00
	JORETHANG LOOP HEP	3042.51	2807.97	107012.04	-4014.90
	TPTCL	4865.23	4073.86	-1393427.77	0.00
	KHSTPP-II	112513.14	112404.91	207911.50	-172470.48
	GMRKEL	56537.81	54944.29	-998548.27	-143356.72
	FSTPP-III	61735.64	61580.29	-94975.90	-2864.00
	CHUZACHEN	2415.38	2443.64	52212.14	0.00
	TEESTA	17766.00	18265.27	1120735.55	0.00
	JITPL	77123.77	78745.74	3231293.87	-132263.53
	MAITHON R/B	149349.05	149572.07	1450035.40	-19.41
	APNRL	58624.87	58583.34	-602131.69	-496069.50
	NVVN-BD	-56236.63	-55953.05	-267630.05	-46628.24
BARH	171673.20	169621.74	-3496419.26	-46974.22	
VAE	-4611.44	0.00	8166178.73	0.00	
KBUNL	0.00	-217.64	-403059.93	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:31/01/2017

RRAS Account for Week: 09.01.17 TO 15.01.17

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	2163.78617	1705064	5251509	1081893	8038466
2	FSTPP-III	0.00000	0	0	0	0
3	KhSTPP-I	627.80203	637847	1475963	313901	2427710
4	KhSTPP-II	1564.06939	1809628	3483183	782035	6074846
5	TSTPP-I	24.00000	21816	39624	12000	73440
6	BARH STPP-II	2493.48053	4762548	6617697	1246740	12626985

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	272.750000	661964	496473
2	FSTPP-III	0.000000	0	0
3	KhSTPP-I	180.500000	424356	318267
4	KhSTPP-II	374.000000	832898	624674
5	TSTPP-I	372.500000	614998	461248
6	BARH STPP-II	807.250000	2142442	1606831



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	2163.786174	9673	BSEB
			7386	DVC
			520513	GRIDCO
			1080087	WBSEB
			7546	SIKKIM
			1273	NVVN-BPBD
			14375	UP
			45658	DELHI
			11711	PUNJAB.
			3171	RAJASTHAN
		3671	HARYANA	
2	FSTPP III	0	0.000	0.000
3	KhSTPP-I	627.802025	279400	BSEB
			5244	DVC
			31967	GRIDCO
			1007	SIKKIM
			61248	UP
			84462	DELHI
			57522	PUNJAB.
			26792	RAJASTHAN
			38733	J&K
			51474	HARYANA
4	KhSTPP-II	1564.069391	7347	BSEB
			8829	DVC
			2563	NVVN-BPBD
			96721	UP
			112899	DELHI
			28550	PUNJAB.
			81917	RAJASTHAN
			147714	HARYANA
			16890	HP
			212185	M.P
5	TSSTPP-I	24	48085	CHHATISGARH
			360534	MAHA RASHTRA
			685394	GUJRAT
			6519	DVC
			15297	SIKKIM
6	BARH STPP-II	2493.480526	469475	BSEB
			4068426	GRIDCO
			224647	SIKKIM

A) RRAS settlement account for the week 09.01.17 TO 15.01.17 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-1 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.