



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/2017

Date: 31.07.2017

As per List

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS Settlement Account for the period from 10.07.2017 to 16.07.2017**

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, 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 10.07.17 TO 16.07.17**

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
<b>WBSETCL</b>	<b>512.53076</b>	<b>61.72695</b>	<b>574.25771</b>	<b>DVC</b>	<b>106.79082</b>	<b>5.19643</b>	<b>101.59439</b>
<b>BSPHCL</b>	<b>284.33499</b>	<b>40.55461</b>	<b>324.88960</b>	<b>GRIDCO</b>	<b>57.48026</b>	<b>5.50336</b>	<b>51.97690</b>
<b>JUVNL</b>	<b>78.00994</b>	<b>16.71890</b>	<b>94.72883</b>	<b>SIKKIM</b>	<b>25.86012</b>	<b>0.14992</b>	<b>25.71021</b>
<b>NER</b>	<b>2843.72798</b>	<b>0.00000</b>	<b>2843.72798</b>	<b>HVDC SASARAM</b>	<b>0.91214</b>	<b>0.00409</b>	<b>0.90806</b>
<b>SR</b>	<b>1004.23844</b>	<b>0.00000</b>	<b>1004.23844</b>	<b>WR</b>	<b>4305.62032</b>	<b>0.00000</b>	<b>4305.62032</b>
<b>NVVN-NEPAL</b>	<b>19.94942</b>	<b>0.10813</b>	<b>20.05755</b>	<b>NR</b>	<b>184.25064</b>	<b>0.00000</b>	<b>184.25064</b>
<b>NVVN-BD</b>	<b>2.14068</b>	<b>0.02631</b>	<b>2.16699</b>	<b>MAITHON R/B</b>	<b>22.30568</b>	<b>0.00000</b>	<b>22.30568</b>
<b>BARH</b>	<b>116.91279</b>	<b>0.06619</b>	<b>116.97899</b>	<b>TSTPP</b>	<b>4.93408</b>	<b>0.07948</b>	<b>4.85460</b>
<b>FSTPP I&amp;II</b>	<b>66.87419</b>	<b>0.13361</b>	<b>67.00779</b>	<b>TEESTA</b>	<b>33.73100</b>	<b>0.00000</b>	<b>33.73100</b>
<b>KHSTPP-II</b>	<b>20.04493</b>	<b>0.23496</b>	<b>20.27990</b>	<b>Teesta-III(TUL)</b>	<b>19.80640</b>	<b>0.06788</b>	<b>19.73852</b>
<b>FSTPP-III</b>	<b>16.22954</b>	<b>0.07080</b>	<b>16.30033</b>	<b>JORETHANG LOOP HEP</b>	<b>14.58614</b>	<b>0.61241</b>	<b>13.97373</b>
<b>KHSTPP-I</b>	<b>14.21589</b>	<b>0.21443</b>	<b>14.43032</b>	<b>DIKCHU</b>	<b>13.37503</b>	<b>1.32454</b>	<b>12.05049</b>
<b>GMRKEL</b>	<b>9.42836</b>	<b>0.00000</b>	<b>9.42836</b>	<b>RANGIT</b>	<b>6.25545</b>	<b>0.03653</b>	<b>6.21893</b>
<b>BRBCL</b>	<b>5.12882</b>	<b>0.00000</b>	<b>5.12882</b>	<b>CHUZACHEN</b>	<b>4.93159</b>	<b>0.00902</b>	<b>4.92257</b>
<b>TPTCL</b>	<b>17.88382</b>	<b>0.13043</b>	<b>18.01425</b>	<b>JITPL</b>	<b>24.24071</b>	<b>0.06077</b>	<b>24.17994</b>
<b>IND BARATH</b>	<b>3.35331</b>	<b>0.00000</b>	<b>3.35331</b>	<b>APNRL</b>	<b>10.16350</b>	<b>0.00000</b>	<b>10.16350</b>
<b>TALCHER SOLAR</b>	<b>0.34806</b>	<b>0.00000</b>	<b>0.34806</b>				
<b>BRBCL_INFIRM</b>	<b>6.27540</b>	<b>0.00000</b>	<b>6.27540</b>				
<b>TOTAL</b>	<b>5021.62732</b>	<b>119.98532</b>	<b>5141.61264</b>		<b>4835.24390</b>	<b>13.04444</b>	<b>4822.19947</b>

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

**133.02976**

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>5021.62732</b>
<b>Payable from the pool(B):</b>	<b>4835.24390</b>
<b>Differential Amount Arising from capping of Thermal Power Stations(A-B)</b>	<b>186.38341</b>
<b>Additional Deviation Amount:</b>	<b>133.02976</b>
<b>VAE of Eastern Region:</b>	<b>237.64402</b>

**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 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 Nabainagar is declared Commercial Operational wef 00:00 Hrs of 15.01.17.**

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

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

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

**xxxvi) As informed by ERLDC Dikchu Unit-2 has been declared COD wef 00:00 Hrs of 28.05.17**

**ERPC, KOLKATA**  
Day-wise schedule, actual and Deviation charge statement

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 1 of 1	
					ADDITIONAL DEVIATION CHARGE IN Rs.	
10-07-17	<b>BSPHCL</b>	<b>-60,758.292</b>	<b>-60,096.047</b>	<b>7,76,453.49</b>	<b>-3,86,105.77</b>	
	JUVNL	-18,195.563	-16,987.030	17,32,302.95	-22,747.10	
	DVC	34,617.969	34,978.668	8,03,230.22	-20,559.73	
	GRIDCO	-28,200.335	-28,788.304	1,16,309.72	-46,262.63	
	SIKKIM	-1,353.959	-1,010.933	7,38,928.23	-1,323.38	
	WBSETCL	-38,396.504	-39,442.467	-23,79,439.91	-61,081.95	
	NER	3,544.946	-22,667.788	-532,09,055.87	-499,25,835.95	
	NR	-62,263.460	-61,667.839	20,82,761.84	-17,54,618.35	
	SR	-17,892.825	-31,845.132	-294,12,467.42	-234,40,990.14	
	WR	-18,743.643	16,326.136	711,74,863.60	-4,86,493.46	
	FSTPP-I & II	23,477.086	23,328.429	-2,41,803.72	0.00	
	KHSTPP-I	11,548.621	11,780.351	6,32,334.44	-2,633.54	
	TSTPP	20,815.643	20,895.423	4,00,538.72	0.00	
	RANGIT	1,386.000	1,412.978	51,280.34	-963.34	
	CHPC	5,466.000	9,472.998	90,15,745.39	0.00	
	KHPC	984.000	2,531.902	32,81,551.39	0.00	
	THPC	26,472.000	19,862.435	-140,12,278.51	0.00	
	KHSTPP-II	25,120.480	24,948.368	-91,354.54	-20,293.98	
	FSTPP-III	6,397.513	6,428.879	48,523.81	-5,277.05	
	TEESTA	12,129.000	12,288.145	3,42,490.86	0.00	
	MAITHON R/B	21,508.864	21,652.618	3,39,162.76	0.00	
	BARH	19,215.290	18,886.145	-3,54,330.212	-1,464.31	
	NVVN-NEPAL	-2,396.050	-2,508.643	-1,58,290.437	0.00	
	APNRL	11,568.560	11,631.054	1,41,262.694	0.00	
	GMRKEL	7,724.286	7,608.291	-51,458.996	0.00	
	JITPL	8,547.486	8,722.400	3,88,975.22	-3,400.73	
	TPTCL	2,716.175	2,940.935	4,62,823.23	-13,042.90	
	BRBCL	0.000	-22.502	-43,121.025	0.00	
	TALCHER SOLAR	31.335	35.199	34,168.31	0.00	
	JORETHANG HEP	2,302.896	2,236.096	-93,134.60	-61,232.42	
	IND Barath	0.000	-30.764	-61,123.89	0.00	
	HVDC SASARAM	-24.657	-18.894	11,153.518	-130.36	
	VAE	-4,481.148	0.000	58,95,571.862	0.00	
	NVVN	-12,172.169	-12,157.236	34,257.555	0.00	
	CHUZACHEN	2,372.152	2,396.250	47,619.998	-455.83	
	TUL	21,083.389	21,220.800	3,18,456.862	-4,918.371	
	DIKCHU	2,298.053	2,460.818	3,24,316.271	-2,052.089	
	BRBCL INFIRM	0.000	-90.007	-1,77,676.884	0.00	
	11-07-17	<b>BSPHCL</b>	<b>-61,090.177</b>	<b>-60,594.803</b>	<b>-6,86,758.25</b>	<b>-78,497.68</b>
		JUVNL	-16,550.671	-15,454.287	13,07,912.07	-39,841.87
DVC		27,560.239	27,776.517	-1,56,615.75	-1,82,495.41	
GRIDCO		-28,807.689	-29,965.890	-8,03,622.04	-1,46,428.96	
SIKKIM		-1,412.375	-1,173.064	2,34,246.61	-7,205.91	
WBSETCL		-33,439.464	-33,705.312	-11,71,814.77	-1,98,053.01	
NER		4,167.301	-18,703.223	-363,62,643.98	-335,77,551.26	
NR		-61,171.454	-57,628.727	18,37,885.22	-25,35,860.68	
SR		-19,680.472	-30,858.424	-210,72,748.76	-171,48,285.83	
WR		-11,756.274	19,117.524	543,70,194.60	-4,18,011.94	
FSTPP-I & II		22,922.251	22,885.190	-2,46,819.10	0.00	
KHSTPP-I		12,694.040	12,519.224	-4,40,249.65	-10,805.72	
TSTPP		17,842.622	17,804.329	41,175.89	-7,947.75	
RANGIT		1,386.000	1,424.994	52,933.41	-1,174.80	
CHPC		6,600.000	9,462.197	64,39,942.58	0.00	
KHPC		1,584.000	2,404.616	17,39,706.77	0.00	
THPC		25,800.000	19,839.787	-126,35,651.07	0.00	
KHSTPP-II		21,398.478	21,334.241	-51,975.088	0.00	
FSTPP-III		6,611.527	6,591.210	-50,677.989	-275.34	
TEESTA		12,129.000	12,271.709	2,83,498.007	0.00	
MAITHON R/B		18,706.717	18,796.727	2,87,013.907	0.00	
BARH		19,472.313	19,078.472	-8,70,142.892	-2,760.44	
NVVN-NEPAL		-2,396.050	-2,495.213	-1,57,597.876	-10,438.72	
APNRL		11,031.089	11,080.218	51,998.067	0.00	
GMRKEL		7,713.516	7,428.582	-2,46,546.389	0.00	
JITPL		8,395.164	8,477.891	2,80,288.955	0.00	
TPTCL		2,702.990	2,887.251	2,35,796.45	0.00	
BRBCL		0.000	-20.240	-31,896.844	0.00	
TALCHER SOLAR		32.223	34.574	20,656.955	0.00	
JORETHANG HEP		2,231.006	2,235.968	83,788.123	-3.22	
IND Barath		0.000	-27.127	-46,204.291	0.00	
HVDC SASARAM		-26.759	-18.780	13,155.757	-139.44	
VAE		-2,219.303	0.000	58,76,212.995	0.00	
NVVN		-12,088.924	-11,860.363	63,824.924	-1,461.37	
CHUZACHEN		2,374.332	2,399.130	41,881.746	-319.30	
TUL		21,088.645	21,194.400	2,39,956.024	-870.32	
DIKCHU		2,298.053	2,472.545	3,02,012.867	-595.73	
BRBCL INFIRM		0.000	-80.960	-1,33,480.352	0.00	
12-07-17		<b>BSPHCL</b>	<b>-63,902.971</b>	<b>-64,970.172</b>	<b>-26,94,421.80</b>	<b>-9,34,716.35</b>
		JUVNL	-15,836.565	-15,238.124	11,64,917.97	-2,417.34
	DVC	29,034.038	28,552.459	-8,48,482.27	-82,087.88	
	GRIDCO	-25,745.443	-25,355.387	15,90,347.09	-18,025.25	
	SIKKIM	-1,099.048	-1,189.624	-1,86,037.18	0.00	
	WBSETCL	-35,722.170	-37,603.304	-38,44,224.00	-40,254.39	
	NER	3,769.617	-20,215.044	-488,81,761.07	-454,72,982.75	
	NR	-55,886.290	-53,073.116	89,02,054.61	-18,78,377.64	
	SR	-24,920.380	-34,521.589	-201,06,286.07	-141,58,019.36	
	WR	-11,689.236	22,182.359	635,51,319.39	0.00	
	FSTPP-I & II	23,805.873	23,472.782	-7,15,983.17	-3,788.54	
	KHSTPP-I	13,086.856	12,960.659	-2,19,133.75	-1,240.60	
	TSTPP	10,464.764	10,647.591	5,36,270.68	0.00	
	RANGIT	1,386.000	1,439.111	93,529.75	0.00	
	CHPC	6,600.000	9,530.175	65,92,893.40	0.00	
	KHPC	1,440.000	2,566.559	23,88,304.66	0.00	
	THPC	25,800.000	19,982.320	-123,33,481.87	0.00	
	KHSTPP-II	21,706.914	21,544.311	-1,49,811.432	0.00	
	FSTPP-III	7,069.587	6,979.762	-1,64,746.889	0.00	
	TEESTA	12,129.000	12,319.927	4,25,763.329	0.00	
	MAITHON R/B	20,954.452	21,023.236	3,29,554.846	0.00	
	BARH	23,082.416	22,425.927	-14,65,331.434	-175.91	
	NVVN-NEPAL	-2,396.050	-2,517.830	-2,41,779.978	0.00	
	APNRL	10,205.174	10,294.545	2,29,515.720	0.00	
	GMRKEL	7,712.605	7,530.473	-1,61,989.610	0.00	
	JITPL	8,289.311	8,551.782	6,29,218.168	0.00	
	TPTCL	2,689.586	2,917.029	4,98,316.88	0.00	
	BRBCL	0.000	-24.596	-46,459.311	0.00	
	TALCHER SOLAR	31.868	23.098	-85,668.814	0.00	
	JORETHANG HEP	2,231.006	2,277.664	2,03,852.675	-3.42	
	IND Barath	0.000	-28.727	-58,357.439	0.00	
	HVDC SASARAM	-26.759	-18.801	16,403.287	0.00	
	VAE	-1,961.390	0.000	40,29,705.115	0.00	
	NVVN	-11,941.310	-12,046.109	-2,17,044.858	0.00	
	CHUZACHEN	2,374.332	2,397.816	48,251.744	0.00	
	TUL	21,067.209	21,210.763	3,48,658.270	0.00	
	DIKCHU	2,298.053	2,465.182	3,38,014.156	0.00	
	BRBCL INFIRM	0.000	-98.385	-1,95,003.995	0.00	

**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GENTOTAL IN MWH	DEVIATION CHARGE IN Rs.	Page 2 of 2
					Additional Deviation Charge in Rs.
13/07/17	<b>BSPHCL</b>	<b>-70,670.038</b>	<b>-71,388.868</b>	<b>-20,46,792.71</b>	<b>-1,09,978.84</b>
	JUVNL	-18,816.682	-18,930.216	-5,63,695.44	-5,39,410.57
	DVC	29,630.225	30,273.515	10,36,147.75	-86,025.26
	GRIDCO	-21,287.413	-21,084.488	10,57,878.95	-61,289.76
	SIKKIM	-1,306.993	-1,196.144	1,62,902.01	-6,462.27
	WBSSETCL	-37,872.130	-41,672.394	-69,69,561.71	-7,91,737.02
	NER	2,485.496	-17,754.027	-396,09,326.81	-363,65,771.13
	NR	-60,549.617	-54,692.990	117,30,190.56	-18,59,528.31
	SR	-21,479.235	-34,032.135	-239,77,375.34	-185,58,515.86
	WR	-13,686.608	20,298.809	641,46,721.29	-6,67,933.73
	FSTPP-I & II	24,108.207	23,512.441	-11,04,611.39	-128.80
	KHSTPP-I	14,119.595	14,105.730	-25,114.42	-2,190.49
	TSTPP	21,210.801	21,034.082	-3,37,660.14	0.00
	RANGIT	1,386.000	1,443.469	1,06,384.10	-1,514.42
	CHPC	6,288.000	9,170.123	64,84,775.68	0.00
	KHPC	1,440.000	1,347.178	-1,96,783.49	0.00
	THPC	25,680.000	19,227.383	-136,79,548.10	0.00
	KHSTPP-II	23,510.962	23,351.060	-2,00,057.87	-2,745.03
	FSTPP-III	6,657.534	6,591.631	-1,15,424.82	0.00
	TEESTA	12,129.000	12,392.982	5,46,683.66	0.00
	MAITHON R/B	20,984.752	21,086.036	2,92,379.13	0.00
	BARH	22,004.415	21,433.636	-10,79,271.513	0.00
	NVVN-NEPAL	-2,396.050	-2,561.894	-2,69,982.280	-373.89
	APNRL	10,074.723	10,149.382	1,45,388.21	0.00
	GMRKEL	7,712.856	7,573.382	-1,46,764.83	0.00
	JITPL	8,176.435	8,340.654	3,35,798.06	-2,676.23
	TPTCL	2,879.287	2,584.082	-5,84,891.79	0.00
	BRBCL	0.000	-51.051	-97,729.017	0.00
	TALCHER SOLAR	21.195	20.307	-8,616.12	0.00
	JORETHANG HEP	2,231.006	2,320.704	2,87,472.06	-2.44
	IND Barath	0.000	-39.418	-81,311.42	0.00
	HVDC SASARAM	-26.759	-18.863	15,282.91	-138.90
	VAE	-1,589.220	0.000	30,94,297.52	0.00
	NVVN	-12,123.049	-12,119.745	4,853.01	-1,169.70
	CHUZACHEN	2,374.332	2,397.483	45,513.55	-127.06
	TUL	21,078.947	21,201.091	2,84,286.151	-999.77
DIKCHU	2,298.053	2,412.182	2,25,184.425	-272.09	
BRBCL_INFIRM	0.000	-204.204	-4,01,195.248	0.00	
14/07/17	<b>BSPHCL</b>	<b>-73,811.873</b>	<b>-75,716.854</b>	<b>-33,16,880.55</b>	<b>-3,48,420.42</b>
	JUVNL	-16,071.966	-17,408.729	-25,07,221.44	-7,95,866.27
	DVC	37,343.332	37,367.240	-76,498.10	-1,04,694.20
	GRIDCO	-24,512.159	-24,947.432	2,98,842.70	-2,20,014.97
	SIKKIM	-1,194.022	-1,172.911	19,144.74	0.00
	WBSSETCL	-43,723.192	-47,348.899	-58,18,697.83	-5,27,197.16
	NER	2,765.965	-16,221.832	-319,73,189.63	-290,83,818.68
	NR	-67,899.830	-67,403.355	20,50,256.96	-41,60,418.58
	SR	-30,576.364	-32,810.092	-45,25,876.02	-55,13,785.78
	WR	-590.624	28,673.075	477,42,659.34	0.00
	FSTPP-I & II	25,121.303	24,396.062	-11,24,426.78	0.00
	KHSTPP-I	14,624.065	14,411.164	-3,10,470.50	0.00
	TSTPP	21,637.598	21,468.280	-1,67,937.35	0.00
	RANGIT	1,386.000	1,444.462	84,967.70	0.00
	CHPC	6,240.000	9,533.226	74,09,757.65	0.00
	KHPC	240.000	2,234.884	42,29,153.23	0.00
	THPC	25,680.000	19,988.717	-120,65,520.82	0.00
	KHSTPP-II	25,386.591	24,964.109	-6,05,612.846	0.00
	FSTPP-III	7,285.114	7,156.846	-2,30,575.357	0.00
	TEESTA	12,129.000	12,404.509	5,13,752.669	0.00
	MAITHON R/B	20,379.797	20,436.327	3,23,562.806	0.00
	BARH	24,338.102	23,423.145	-14,07,783.800	0.00
	NVVN-NEPAL	-2,396.050	-2,569.930	-2,08,055.908	0.00
	APNRL	10,068.817	10,149.818	1,35,158.406	0.00
	GMRKEL	7,429.122	7,238.036	-2,08,669.995	0.00
	JITPL	8,248.149	8,333.527	1,83,163.881	0.00
	TPTCL	2,650.950	2,241.460	-7,89,304.37	0.00
	BRBCL	0.000	-52.167	-89,310.846	0.00
	TALCHER SOLAR	24.400	24.590	289.99	0.00
	JORETHANG HEP	2,302.896	2,434.080	2,80,472.43	0.00
	IND Barath	0.000	-13.745	-23,247.65	0.00
	HVDC SASARAM	-26.780	-19.817	11,782.40	0.00
	VAE	-1,154.090	0.000	13,08,971.65	0.00
	NVVN	-12,182.020	-12,165.382	25,773.259	0.00
	CHUZACHEN	2,374.332	2,405.736	56,955.761	0.00
	TUL	20,946.101	21,064.654	2,60,498.880	0.00
DIKCHU	2,298.053	2,414.091	2,02,087.477	0.00	
BRBCL_INFIRM	0.000	-208.669	-3,63,551.661	0.00	
15/07/17	<b>BSPHCL</b>	<b>-75,913.542</b>	<b>-78,887.585</b>	<b>-67,05,006.16</b>	<b>-8,95,390.76</b>
	JUVNL	-16,958.306	-17,871.926	-18,06,790.27	-66,638.02
	DVC	34,624.250	34,907.477	6,30,219.93	-38,054.27
	GRIDCO	-26,936.532	-27,200.588	-3,39,169.07	-16,132.73
	SIKKIM	-1,267.242	-1,160.741	2,26,088.33	0.00
	WBSSETCL	-48,091.117	-53,163.788	-102,78,689.52	-16,75,198.06
	NER	2,215.508	-15,622.053	-370,93,946.33	-335,79,405.26
	NR	-58,991.062	-62,676.278	-65,23,364.53	-102,14,907.70
	SR	-26,434.182	-31,680.262	-105,88,541.23	-83,76,073.89
	WR	1,031.275	38,009.913	750,05,786.44	0.00
	FSTPP-I & II	30,381.388	29,433.473	-19,29,361.67	-207.38
	KHSTPP-I	15,102.273	14,802.573	-5,60,612.59	0.00
	TSTPP	11,013.059	11,102.622	1,20,071.93	0.00
	RANGIT	1,386.000	1,445.611	1,19,444.72	0.00
	CHPC	6,720.000	9,597.855	64,75,174.81	0.00
	KHPC	240.000	2,218.507	41,94,435.26	0.00
	THPC	25,440.000	20,124.229	-112,69,435.15	0.00
	KHSTPP-II	23,030.782	22,783.919	-3,97,524.586	-457.46
	FSTPP-III	8,294.616	7,999.581	-6,09,520.860	-1,527.50
	TEESTA	12,129.000	12,428.218	6,46,395.484	0.00
	MAITHON R/B	20,114.672	20,282.872	4,11,372.230	0.00
	BARH	27,934.246	26,232.218	-35,42,378.272	0.00
	NVVN-NEPAL	-2,396.050	-2,553.984	-3,19,541.099	0.00
	APNRL	10,060.405	10,140.073	1,44,192.695	0.00
	GMRKEL	7,695.113	7,625.382	-52,428.651	0.00
	JITPL	8,394.694	8,537.163	2,79,319.222	0.00
	TPTCL	2,542.925	2,032.491	-10,78,931.13	0.00
	BRBCL	0.000	-68.840	-1,40,148.465	0.00
	TALCHER SOLAR	29.648	34.875	42,212.07	0.00
	JORETHANG HEP	2,302.896	2,478.656	3,87,629.08	0.00
	IND Barath	0.000	-5.600	-11,850.56	0.00
	HVDC SASARAM	-26.759	-20.900	12,121.35	0.00
	VAE	-773.480	0.000	15,01,389.13	0.00
	NVVN	-12,013.868	-12,050.218	-68,674.215	0.00
	CHUZACHEN	2,374.332	2,396.448	34,667.759	0.00
	TUL	21,043.315	21,205.091	3,69,357.337	0.00
DIKCHU	2,298.053	2,413.818	2,42,798.930	0.00	
BRBCL_INFIRM	0.000	585.895	8,35,312.054	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 3 of 3
					Additional Deviation Charge in Rs.
16/07/17	BSPHCL	-78,423.933	-81,414.948	-63,14,758.33	-13,02,351.35
	JUVNL	-17,429.474	-18,441.318	-25,05,535.29	-2,04,968.54
	DVC	30,631.455	30,645.623	3,10,461.17	-5,726.73
	GRIDCO	-32,156.175	-32,375.347	-8,318.28	-42,182.11
	SIKKIM	-1,057.747	-888.184	3,02,179.69	0.00
	WBSETCL	-48,648.473	-54,891.309	-120,36,531.25	-28,79,173.71
	NER	1,639.445	-17,846.029	-372,42,874.53	-340,16,162.85
	NR	-58,885.416	-61,383.703	-16,54,721.07	-79,83,254.98
	SR	-25,381.192	-21,299.382	92,59,450.69	-4,81,121.61
	WR	8,528.174	39,370.760	545,70,487.74	-5,12,542.43
	FSTPP-I & II	31,095.313	30,413.996	-13,24,413.03	-9,235.89
	KHSTPP-I	16,173.609	15,860.395	-4,98,342.55	-4,573.06
	TSTPP	14,723.498	14,650.275	-99,051.74	0.00
	RANGIT	1,386.000	1,447.798	1,17,005.19	0.00
	CHPC	6,504.000	9,642.532	70,61,696.83	0.00
	KHPC	1,440.000	2,227.856	16,70,255.57	0.00
	THPC	25,272.000	20,217.904	-107,14,684.12	0.00
	KHSTPP-II	22,094.272	21,781.099	-5,08,156.862	0.00
	FSTPP-III	8,109.174	7,875.203	-5,00,531.463	0.00
	TEESTA	12,129.000	12,422.618	6,14,515.950	0.00
	MAITHON R/B	20,280.297	20,366.218	2,47,522.676	0.00
	BARH	28,364.114	26,795.781	-29,72,041.340	-2,218.44
	NVVN-NEPAL	-2,396.050	-2,712.874	-6,39,694.412	0.00
	APNRL	10,027.823	10,112.218	1,68,834.446	0.00
	GMRKEL	7,695.113	7,615.273	-74,977.886	0.00
	JITPL	8,132.387	8,275.927	3,27,307.649	0.00
	TPTCL	2,024.399	1,815.632	-5,32,191.19	0.00
	BRBCL	0.000	-33.145	-64,216.240	0.00
	TALCHER SOLAR	40.428	36.867	-37,848.66	0.00
	JORETHANG HEP	2,302.896	2,449.024	3,08,534.37	0.00
	IND Barath	0.000	-26.691	-53,235.38	0.00
	HVDC SASARAM	-26.759	-20.746	11,315.01	0.00
	VAE	-961.888	0.000	20,58,253.98	0.00
	NVVN	-12,065.326	-12,084.036	-57,057.421	0.00
	CHUZACHEN	2,311.719	2,412.657	2,18,268.860	0.00
	TUL	20,924.990	20,987.854	1,59,426.845	0.00
	DIKCHU	2,298.053	2,179.091	-2,96,911.383	-1,29,534.33
	BRBCL_INFIRM	0.000	-97.182	-1,91,943.439	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE (IN RS)
FOR THE WEEK 10-07-17 TO 16/07/17	BSPHCL	-4,84,570.82	-4,93,069.28	-284,33,499.00	-40,55,461.18
	JUVNL	-1,19,859.23	-1,20,331.63	-78,00,994.00	-16,71,889.70
	DVC	2,23,441.51	2,24,501.50	106,79,082.00	-5,19,643.48
	GRIDCO	-1,87,645.75	-1,89,717.44	57,48,026.00	-5,50,336.41
	SIKKIM	-8,691.39	-7,791.60	25,86,012.00	-14,991.56
	WBSETCL	-2,85,893.05	-3,07,827.47	-512,53,076.00	-61,72,695.30
	NER	20,588.28	-1,29,030.00	-2843,72,798.00	0.00
	NR	-4,25,647.13	-4,18,526.01	184,25,064.00	0.00
	SR	-1,66,364.65	-2,17,047.02	-1004,23,844.00	0.00
	WR	-46,906.94	1,83,978.58	4305,62,032.00	0.00
	FSTPP-I & II	1,80,911.42	1,77,442.37	-66,87,418.87	-13,360.61
	KHSTPP-I	97,349.06	96,440.10	-14,21,589.00	-21,443.42
	KHSTPP-II	1,62,248.48	1,60,707.11	-20,04,493.23	-23,496.47
	TSTPP	1,17,707.99	1,17,602.60	4,93,407.99	-7,947.75
	FSTPP-III	50,425.07	49,623.11	-16,22,953.57	-7,079.89
	TEESTA	84,903.00	86,528.11	33,73,100.00	0.00
	MAITHON R/B	1,42,929.55	1,43,644.03	22,30,568.36	0.00
	RANGIT	9,702.00	10,058.42	6,25,545.00	-3,652.56
	BARH	1,64,410.90	1,58,275.32	-116,91,279.47	-6,619.09
	NVVN-NEPAL	-16,772.35	-17,920.37	-19,94,942.00	-10,812.61
	APNRL	73,036.59	73,557.31	10,16,350.00	0.00
	GMRKEL	53,682.61	52,619.42	-9,42,836.00	0.00
	JITPL	58,183.63	59,239.34	24,24,071.00	-6,076.96
	TPTCL	18,206.31	17,418.88	-17,88,382.00	-13,042.90
	BRBCL	0.00	-272.54	-5,12,881.75	0.00
	TALCHER SOLAR	211.10	209.51	-34,806.00	0.00
	JORETHANG HEP	15,904.60	16,432.19	14,58,614.00	-61,241.49
	IND Barath	0.00	-172.07	-3,35,331.00	0.00
	HVDC SASARAM	-185.23	-136.80	91,214.00	-408.70
	VAE	-13,140.52	0.00	237,64,402.24	0.00
	NVVN-BD	-84,586.67	-84,483.09	-2,14,068.00	-2,631.07
	CHUZACHEN	16,555.53	16,805.52	4,93,159.00	-902.18
	TUL	1,47,232.60	1,48,084.65	19,80,640.37	-6,788.46
	DIKCHU	16,086.37	16,817.73	13,37,502.74	-1,32,454.23
	BRBCL_INFIRM	0.00	-193.51	-6,27,539.53	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

Date: 31/07/2017

RRAS Account for Week: 10-Jul-17 to 16-Jul-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	3196.30900	2720061	9100362	1598155	13418576
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	2536.92400	2610496	6421694	1268463	10300651
4	KHSTPP-II	7819.74000	8632992	19144857	3909868	31687720
5	TSTPP-I	482.91500	451043	900537	241457	1593037
6	BARH	1554.18900	2898562	3879447	777094	7555105

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to 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	770.59205	2214414	1660810
2	FSTPP-III	0.00000	0	0
3	KHSTPP-I	384.84736	996499	747375
4	KHSTPP-II	176.98169	427860	320895
5	TSTPP-I	130.25459	241854	181391
6	BARH	300.65436	756049	567037



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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	3196.30900	1065347	BSPHCL
			39859	JUVNL
			1164	DVC
			787711	GRIDCO
			99001	SIKKIM
			300705	WBSETCL
			75114	ASSAM
			173019	DELHI
			1386	HARYANA
			80497	PUNJAB
			91214	RAJASTHAN
5044	UP			
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	2536.92400	165059	BSPHCL
			9155	JUVNL
			2996	DVC
			1020659	GRIDCO
			56831	SIKKIM
			145332	WBSETCL
			26191	ASSAM
			700888	DELHI
			66537	HARYANA
			259354	PUNJAB
			147556	RAJASTHAN
9938	UP			
4	KHSTPP-II	7819.74000	49678	BSPHCL
			14667	JUVNL
			9823	DVC
			324389	GRIDCO
			8547	SIKKIM
			236838	WBSETCL
			245146	ASSAM
			155300	CHATTISGARH
			9992	DADRA & NAGAR
			1094290	DELHI
			2378092	GUJARAT
			143864	HARYANA
			151795	HP
			1100327	MAHARASHTRA
			1251797	MP
			722049	PUNJAB
639897	RAJASTHAN			
75965	UP			
20536	UTTARAKHAND			
5	TSTPP-I	482.91500	405151	BSPHCL
			23350	JUVNL
			11091	DVC
			11451	SIKKIM
6	BARH	1554.18900	511324	BSPHCL
			1787860	JUVNL
			599378	GRIDCO

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.