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NO: ERPC/COM-II/ABT-DC/ 8380 - 8414

Date: 15.11.2019

To

As per List / संलग्न सूची के अनुसार

**Sub: Statement of Deviation Charges including Additional Deviation Charges & RRAS for the period from 29.07.2019 to 04.08.2019(Revision-I).**

Ref: DSM, RRAS & FRAS A/c issued vide ERPC/COM-II/ABT-DC/4987-5021 dated 26.08.2019.

Sir,

Statement of Deviation charges (Revision-I) for the week has been prepared as per CERC(DSM & Related matters) regulation,2014 & all amendments(including 5<sup>th</sup> Amendment regulation,2019 dated 28.05.2019)

इस सप्ताह के लिए विचलन प्रभार(संशोधन-1) का विवरण सीईआरसी (डीएसएम एवं संबंधित मामले ) अधिनियम, 2014 एवं अन्य सभी संशोधनों (दिनांक- 28.05.2019 के 5वें संशोधन अधिनियम, 2019 सहित) के आधार पर तैयार किया गया है।

RRAS Settlement Account for the weeks has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC.

इस सप्ताह के लिए आरआरएस निपटान खाते को सीईआरसी द्वारा अनुमोदित एंसिलरी सर्विसेज ऑपरेशन के दिशानिर्देशों के विस्तृत प्रक्रिया के अनुसार तैयार किया गया है।

***The above revision was made due to revision of schedule for subjected week by ERLDC. Affected parties are BRBCL & VAE.***

Affected 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.

प्रभावित जिन संघ के सदस्यों को विचलन शुल्क का भुगतान करना है, उनसे अनुरोध है कि वे बिलिंग तिथि के 10 दिनों के भीतर ईआरएलडीसी द्वारा संचालित विचलन पूल खाते में भुगतान करें। इन विचलन शुल्क के बिलों के भुगतान में 12 दिनों से अधिक के विलंब की स्थिति में, व्यतिक्रामी घटकों को विलंब के प्रत्येक दिन @ 0.04% का साधारण ब्याज का भुगतान करना होगा।

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

यदि कोई अवलोकन हो, पंद्रह दिनों के भीतर ईआरपीसी सचिवालय को सूचित किया जा सकता है।

Encl: As above

भवदीय / Yours faithfully,

  
15/11/2019  
for सदस्यसचिव / MEMBER SECRETARY

## List of Addressee

1. CE (Trans/O&M), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSPHCL, Vidyut Bhavan, 3<sup>rd</sup> Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JBVNL, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JUSNL, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (SLDC), DVC, P.O.: Danesh Seikh Lane, Andul Road, Howrah - 71110 9. FAX-033-2688-5094
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. Sr. General Manager(Finance), OPGC, Odisha ( Fax: 06645 222225 )
10. CE (Trans.), Energy & Power Deptt., Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (SLDC), WBSETCL, PO. Danesh Sheikh Lane, Howrah-109. (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. AGM(Comml.), ER-I, Powergrid, Patna ( Fax: 0612 2227630 )
19. AGM(Comml.), ER-II, Powergrid, Kolkata (Fax NO. 033 2357 2827)
20. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
21. ED, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
22. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
23. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
24. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
25. GM, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
28. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
29. AGM, SO, NNVN, SCOPE Complex, Core-5, 1st & 2nd Floor, Lodhi Road, New Delhi-110003 (Fax: 011-24367021)
30. 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)
31. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)
33. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
34. Director, Shiga Energy Pvt. Ltd., 5th Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002
35. CEO, Sneha Kinetic Power Projects Pvt.Ltd. #31 -A, National Highway, Behind SNOD building,. Deorali, Gangtok, Sikkim-737102



**EASTERN REGIONAL POWER COMMITTEE**

Revision-I

**KOLKATA**  
**ABT based Deviation Charge Account**  
**For the period 29.07.19 TO 04.08.19**  
**AS PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019**

(All figures in Rs. Lakhs)

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)		ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF BLOCK WISE VOLUME LIMIT (in Rs. Lakhs.)	ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF SIGN CHANGE (in Rs. Lakhs.)	FINAL DEVIATION CHARGE (in Rs. Lakhs)	
	RECEIVABLE	PAYABLE			RECEIVABLE	PAYABLE
A	B	C	D	E	F	G
<b>BENEFICIARIES OF EASTERN REGION</b>						
BSPHCL		302.72184	43.50858	0.36759		346.59801
JUVNL		155.43604	23.36390	0.35459		179.15453
DVC	192.40282		8.73303	0.99763	182.67215	
GRIDCO		1636.99722	1056.36206	11.68124		2705.04052
SIKKIM	6.10860		0.76588	0.00000	5.34272	
WBSETCL		590.87570	92.86180	2.62638		686.36387
HVDC SASARAM		1.65540	0.08063	0.00000		1.73603
HVDC ALIPURDUAR	1.38406		0.11576	0.00000	1.26830	
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
FSTPP-I & II		206.25789	5.52609	0.17746		211.96144
FSTPP-III	0.00000		0.00000	0.00000		
KHSTPP-I	12.79467		0.37495	0.00000	12.41972	
KHSTPP-II		28.61560	0.92321	0.00000		29.53881
TSTPP		16.37305	1.18695	0.00000		17.56001
BARH		28.53870	1.15242	0.00000		29.69111
MTPS-II		15.44963	0.79939	0.00000		16.24901
BRBCL	8.85929		1.84614	0.02527	6.98788	
TEESTA	36.90324		0.21882	0.00000	36.68442	
RANGIT	3.34506		0.09388	0.00000	3.25117	
MAITHON R/B	2.22797		5.93130	0.00000		3.70333
<b>OTHER GENERATORS</b>						
APNRL		60.17713	0.78681	0.03258		60.99652
GMRKEL		70.19201	1.00739	0.00000		71.19940
JITPL		6.37880	1.25479	0.00000		7.63360
CHUZACHEN	6.45830		0.14280	0.00000	6.31550	
DIKCHU	22.56545		0.05074	0.00000	22.51471	
JORETHANG HEP		13.26774	0.22071	0.00000		13.48846
THEP	18.55059		0.05352	0.00000	18.49707	
TUL	12.14057		0.04728	0.00000	12.09328	
<b>INTER- REGIONAL</b>						
NER		4368.02055				4368.02055
NR	341.27328				341.27328	
SR		463.60031				463.60031
WR	6378.42697				6378.42697	
<b>INTER- NATIONAL</b>						
NVVN-BD		17.35919	0.67236	0.00000		18.03155
NVVN-NEPAL		30.73492	1.92193	0.00000		32.65685
TPTCL		82.71369	2.02176			84.73545
<b>INFIRM GENERATORS</b>						
OPGC_INFIRM		5.40870				5.40870
NPGC_INFIRM		32.01534				32.01534
DARLIPALI_INFIRM		18.20749				18.20749
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR	0.29770				0.29770	
<b>TOTAL</b>	<b>7043.73856</b>	<b>8150.99694</b>	<b>1252.02488</b>	<b>16.26275</b>	<b>7028.04487</b>	<b>9403.59088</b>

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>		<b>8150.99694</b>
<b>Receivable from the pool(B):</b>		<b>7043.73856</b>
<b>Differential Amount Arising from capping of Generating Stations(A-B)</b>		<b>1107.25837</b>
<b>Additional Deviation Amount:</b>		<b>1268.28763</b>
<b>VAE of Eastern Region:</b>		<b>-249.68908</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 :** Ranchi end of Ranchi-Dharamjaygarh 765kV D/C, ER end of Sundergarh-Dharamjaygarh 765kV D/C,  
ER end of Sundergarh-Raigarh 400kV Q/C, ER end of Ranchi-Sipat 400kV D/C, Budipadar-Korba 220 kV lines & Budhipadar-Raigarh 220kV D/C Lines
- c) **Southern Region:** Angul end of Angul-Sirkakulam 765kVD/C Lines, Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
- d) **North Eastern Region:** NER end of 220 kV Alipurduar -Salakati D/C ,400 kV Alipurduar Bongaigaon and 400kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2657A) 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, 4th Amendment order dated 20.11.2018 and 5th Amendment order dated 28.05.2019 have also been incorporated.**

iv) ACP values for computation of deviation rate vector has been taken from NLDC website

**v) The Cap rate for all generators has been fixed at 303.04 paisa/kwh as per DSM 5th amendment'2019.**

vi) Additional Deviation Charge due to violation of Block wise volume limit is inclusive of Additional deviation charge due to OD/UI at  $f < 49.85\text{Hz}$  & OI/UD at  $f \geq 50.05\text{ Hz}$ .

vii) 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.

viii) 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).

ix) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.

x) As informed by ERLDC OPGC (2\*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.

xi) As informed by ERLDC NPGC(NTPC) became a regional entity and DSM pool member wef 10.05.18 as NPGC started drawing start up power wef 10.05.18

xii) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.

xiii) Dagachhu HEP has been considered as pure Run of River without pondage as per TPTCL letter dated 06.02.2019 for computation of ADC due to sign change violation.





**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.	ADDITIONAL DEVIATION CHARGE(Block wise Volume limit) IN Rs.	Page 3 of 3
						ADDITIONAL DEVIATION CHARGE(Sign Change Violation) IN Rs.
04-08-19	BSPHCL	-1,09,298.810	-1,10,598.864	-32,18,139.88	-1,79,008.07	0.00
	JUVNL	-18,913.565	-19,068.721	-5,59,133.50	-9,984.90	0.00
	DVC	33,055.034	32,996.028	13,89,868.82	-4,532.89	-1,409.00
	GRIDCO	-57,371.212	-60,967.648	-1,10,69,369.02	-25,91,763.83	-1,05,806.62
	SIKIM	-1,048.683	-1,048.619	-29,328.21	5,533.30	0.00
	WBSETCL	-73,407.671	-77,943.356	-1,04,63,911.64	-16,62,318.29	-70,856.74
	NER	7,020.050	-10,043.699	-4,98,00,267.69	-4,50,04,047.09	-3,83,551.46
	NR	-69,583.133	-65,022.777	1,55,35,674.20	-57,93,752.65	-4,03,92,752.93
	SR	-6,884.610	-4,993.716	27,12,885.57	-1,53,53,777.82	-1,36,037.69
	WR	82,467.080	1,04,659.627	5,94,14,478.62	-34,10,606.75	-4,16,283.00
	FSTPP-I & II	31,160.636	30,075.854	-23,16,706.04	-31,107.18	0.00
	KHSTPP-I	11,216.627	11,284.545	2,75,108.63	-12,225.51	0.00
	TSPP	0.000	-415.119	-8,75,257.31	-12,654.98	0.00
	RANGIT	1,446.000	1,475.592	59,372.10	-3,061.92	0.00
	CHPC	6,967.635	8,963.534	50,89,543.37	0.00	0.00
	KHPC	1,584.000	2,374.574	16,76,017.73	0.00	0.00
	THPC	24,345.005	18,686.590	-1,19,95,840.15	0.00	0.00
	KHSTPP-II	28,493.607	28,236.463	-4,38,637.94	0.00	0.00
	FSTPP-III	0.000	0.000	0.000	0.000	0.000
	TEESTA	12,141.000	12,279.163	3,08,109.73	-3,650.25	0.00
	MAITHON R/B	14,233.243	13,667.309	-11,99,103.88	-5,07,351.42	0.00
	BARH	25,373.072	25,105.090	-4,78,412.299	-4,277.02	0.00
	NVNV-NEPAL	-3,407.885	-3,630.944	-5,84,960.492	-25,748.18	0.00
	APNRL	5,881.517	5,413.527	-8,93,857.942	-2,469.71	-1,835.83
	GMRKEL	3,825.003	3,547.418	-5,88,955.027	-5,136.34	0.00
	JITPL	11,596.606	11,611.636	62,452.08	-7,828.07	0.00
	TPTCL	2,943.389	2,191.915	-16,18,737.01	-28,583.73	0.00
	BRBCL	13,679.331	13,823.418	2,86,804.627	-21,363.06	0.00
	TALCHER SOLAR	25.243	25.243	-25.243	0.00	0.00
	JORETHANG HEP	2,503.116	2,433.920	-1,46,891.35	-2,115.61	0.00
	IND Barath	0.000	0.000	0.000	0.000	0.000
	HVDC SASARAM	-18.824	-20.970	-7,074.851	-530.58	0.00
	VAE	5,809.410	0.000	-1,69,07,650.153	0.00	0.00
	NVNV	-22,312.373	-22,408.436	-2,81,460.320	-4,549.51	0.00
	CHUZACHEN	2,829.410	2,861.155	67,533.482	-2,899.90	0.00
	TUL	31,295.685	31,290.400	1,04,839.048	0.00	0.00
	DIKCHU	2,488.351	2,640.909	3,73,266.677	-792.43	0.00
	THEP	2,529.501	2,617.152	2,08,991.479	-1,666.93	0.00
	HVDC ALIPURDUAR	-31.932	-28.263	9,750.110	-1,493.39	0.00
	OPGC_INFIRM	0.000	3,222.758	45,17,873.293	0.00	0.00
	MTPS-II	3,181.068	3,074.072	-2,60,266.916	-9,603.77	0.00
	NPGC_INFIRM	0.000	-164.291	-5,51,887.946	0.00	0.00
	DARLIPALI_INFIRM	0.000	-54.106	-1,59,964.886	0.00	0.00
	BRBCL U-III INFIRM	0.000	0.000	0.000	0.000	0.000

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	DEVIATION CHARGE AFTER ADJ OF THPC,CHPC & KHPC(IN RS)	ADDITIONAL DEVIATION CHARGE(Block wise Volume Limit) (IN RS)	ADDITIONAL DEVIATION CHARGE(Sign Change Violation) (IN RS)
FOR THE WEEK 29/07/19 TO 04-08-19	BSPHCL	-7,01,509.33	-7,07,970.21	-2,25,33,548.25	-3,02,72,184.00	-43,50,857.60	-36,758.94
	JUVNL	-1,18,639.95	-1,21,034.43	-1,11,51,600.00	-1,55,43,604.00	-23,36,390.12	-35,459.09
	DVC	2,59,032.52	2,61,399.09	1,17,50,445.41	1,92,40,282.00	-8,73,303.44	-99,763.28
	GRIDCO	-2,61,694.08	-3,12,703.65	-16,60,44,574.61	-16,36,59,722.00	-10,56,36,205.94	-11,68,124.46
	SIKIM	-8,909.92	-8,901.27	-1,68,494.71	6,10,860.00	-76,587.58	0.00
	WBSETCL	-5,25,954.48	-5,46,964.07	-5,07,91,181.90	-5,90,87,570.00	-92,86,179.64	-2,62,637.55
	NER	52,702.88	-91,539.13	-43,68,02,055.00	-43,68,02,055.00	0.00	0.00
	NR	-5,24,776.92	-5,17,148.59	3,41,27,328.00	3,41,27,328.00	0.00	0.00
	SR	-1,29,497.51	-1,63,382.96	-4,63,60,031.00	-4,63,60,031.00	0.00	0.00
	WR	4,32,602.24	6,68,648.61	63,78,42,697.00	63,78,42,697.00	0.00	0.00
	FSTPP-I & II	2,29,501.78	2,19,988.69	-2,06,25,789.05	-2,06,25,789.05	-5,52,608.89	-17,746.39
	KHSTPP-I	65,164.94	65,534.77	12,79,466.57	12,79,466.57	-37,494.86	0.00
	KHSTPP-II	2,11,880.49	2,10,348.88	-28,61,560.03	-28,61,560.03	-92,320.79	0.00
	TSPP	44,402.95	43,603.79	-16,37,305.06	-16,37,305.06	-1,18,695.45	0.00
	FSTPP-III	0.000	0.000	0.000	0.000	0.000	0.000
	TEESTA	83,895.00	85,425.38	36,90,323.96	36,90,323.96	-21,882.36	0.00
	MAITHON R/B	65,597.50	65,549.24	2,22,796.78	2,22,796.78	-5,93,129.65	0.00
	RANGIT	9,870.50	10,027.35	3,34,505.58	3,34,505.58	-9,388.40	0.00
	BARH	1,85,639.17	1,83,972.76	-28,53,869.51	-28,53,869.51	-1,15,241.76	0.00
	NVNV-NEPAL	-27,874.96	-29,102.69	-30,73,492.00	-30,73,492.00	-1,92,192.58	0.00
	APNRL	47,211.39	44,368.22	-60,17,713.35	-60,17,713.35	-78,680.69	-3,257.77
	GMRKEL	54,137.58	50,938.62	-70,19,201.14	-70,19,201.14	-1,00,739.20	0.00
	JITPL	86,492.58	86,263.27	-6,37,880.14	-6,37,880.14	-1,25,479.41	0.00
	TPTCL	20,603.73	16,812.00	-82,71,368.67	-82,71,368.67	-2,02,175.83	0.00
	BRBCL	91,215.03	91,664.36	8,85,929.23	8,85,929.23	-1,84,613.87	-2,527.15
	TALCHER SOLAR	142.40	146.14	29,770.00	29,770.00	0.00	0.00
	JORETHANG HEP	17,096.46	16,507.33	-13,26,774.31	-13,26,774.31	-22,071.42	0.00
	IND Barath	0.00	0.00	0.00	0.00	0.00	0.00
	HVDC SASARAM	-90.13	-145.49	-1,65,540.00	-1,65,540.00	-8,062.62	0.00
	VAE	7,314.00	0.00	-2,49,68,907.70	-2,49,68,907.70	0.00	0.00
	NVNV-BD	-1,56,588.01	-1,57,113.31	-17,35,919.00	-17,35,919.00	-67,236.27	0.00
	CHUZACHEN	19,675.40	19,960.20	6,45,829.90	6,45,829.90	-14,279.95	0.00
	TUL	2,18,891.80	2,19,077.52	12,14,056.97	12,14,056.97	-4,728.50	0.00
	DIKCHU	17,411.20	18,278.73	22,56,545.23	22,56,545.23	-5,074.24	0.00
THEP	17,640.00	18,426.69	18,55,059.04	18,55,059.04	-5,352.22	0.00	
HVDC ALIPURDUAR	-240.58	-191.94	1,38,406.00	1,38,406.00	-11,576.16	0.00	
OPGC_INFIRM	0.00	1,583.06	-5,40,870.01	-5,40,870.01	0.00	0.00	
MTPS-II	21,680.00	20,997.43	-15,44,962.67	-15,44,962.67	-79,938.70	0.00	
NPGC_INFIRM	0.00	-995.55	-32,01,533.73	-32,01,533.73	0.00	0.00	
DARLIPALI_INFIRM	0.00	-288.47	-18,20,748.96	-18,20,748.96	0.00	0.00	
BRBCL U-III INFIRM	0.00	0.00	0.00	0.00	0.00	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: 15/11/2019

RRAS Account for Week: 29-Jul-19 to 04-Aug-19

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	147.94200	123531	319407	73972	516910
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	262.30200	278564	617985	131150	1027700
4	KHSTPP-II	1544.63200	1700640	3450707	772318	5923665
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	231.48000	432868	540969	115739	1089577
7	BRBCL	2172.62800	5203443	4688531	1086313	10978287
8	MTPS-II	198.27700	542091	604548	99139	1245777
	Total	4557.26100	8281137	10222147	2278631	20781916

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	BRBCL	352.55033	760804	570603
2	MTPS-II	473.48333	1443651	1082738
3	FSTPP I & II	1206.90304	2605704	1954278
4	FSTPP-III	0.00000	0	0
5	KHSTPP-I	2272.19050	5353281	4014961
6	KHSTPP-II	2759.03425	6163683	4622762
7	TSTPP-I	56.25000	108281	81211
8	BARH	4486.48018	10484904	7863678
	Total	11606.89164	26920307	20190230

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries



EASTERN REGIONAL POWER COMMITTEE  
KOLKATA-700 033

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	147.94200	5820	BSPHCL
			2248	JUVNL
			55883	SIKKIM
			32384	ASSAM
			8711	DELHI
			7280	HARYANA
			11205	RAJASTHAN
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	262.30200	141784	BSPHCL
			10574	SIKKIM
			13175	ASSAM
			10142	DELHI
			15525	HARYANA
			1952	HVDC_PUSAULI
			81254	RAJASTHAN
			4158	UP
4	KHSTPP-II	1544.63200	8486	SIKKIM
			260425	ASSAM
			96360	CHATTISGARH
			12875	DELHI
			598006	GUJARAT
			14028	HARYANA
			47541	HP
			98029	MAHARASHTRA
			34249	MP
			14298	PUNJAB
			474442	RAJASTHAN
			41901	UTTARAKHAND
5	TSTPP-I	0.00000	0	-
6	BARH	231.48000	11444	HVDC_APD
			112014	BSPHCL
			165381	JUVNL
			144029	SIKKIM
7	BRBCL	2172.62800	2186386	BIHAR_RAILWAYS
			116297	DVC_RAILWAYS
			454189	MAHARASHTRA RAILWAYS
			1070193	MP RAILWAYS
			1128979	RAILWAYS
			206129	HARYANA RAILWAY
8	MTPS-II	198.27700	353588	BSPHCL
			157189	GRIDCO
			607	SIKKIM
			30707	TS_TRANSCO
	<b>Total</b>	<b>4557.26100</b>	<b>8281137</b>	

A) RRAS settlement account for the week 29-Jul-19 to 04-Aug-19 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.