



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



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

आई एस ओ : 9001-2008  
ISO : 9001-2008

Tel No. :033-24239651, 24239650 FAX No.:033-24239652, 24239653 Web: [www.erpc.gov.in](http://www.erpc.gov.in)

NO: ERPC/COM-II/ABT-DC/9055-89

Date: 04.12.2019

To: As per List / संलग्न सूची के अनुसार

**Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS, FRAS & AGC Settlement Account for the period from 18.11.2019 to 24.11.2019.**

दिनांक -18.11.2019 से 24.11.2019 तक की अवधि हेतु अतिरिक्त विचलन प्रभार, आरआरएएस, एफआरएएस एवं एजीसी निपटान खाते सहित विचलन प्रभार का विवरण।

Sir,

Statement of Deviation charges 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 का विवरण सीईआरसी (डीएसएम एवं संबंधित मामले ) अधिनियम, 2014 एवं अन्य सभी संशोधनों (दिनांक- 28.05.2019 के 5<sup>वें</sup> 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.FRAS Settlement Account for the week has been prepared based on the CERC order in petition No.07/SM/2018/Suo-Motu, dated 16.07.2018. AGC Settlement Account for the week has been prepared based on the CERC order in petition No. 79/RC/2017, dated 06.12.2017.

इस सप्ताह के लिए आरआरएएस निपटान खाते को सीईआरसी द्वारा अनुमोदित एसिलरी सर्विसेज ऑपरेशन के दिशानिर्देशों के विस्तृत प्रक्रिया के अनुसार तैयार किया गया है। इस सप्ताह के लिए एफआरएएस निपटान खाता को दिनांक-16.07.2018 के सीईआरसी के आदेश याचिका सं. 07/एसएम/2018/Suo-Motu के आधार पर तैयार किया गया है। इस सप्ताह के लिए एजीसी निपटान खाता को दिनांक-06.12.2017 के सीईआरसी के आदेश याचिका सं. 79/RC/2017 के आधार पर तैयार किया गया है।

*The last installment of data for the subjected week has been received from ERLDC on 02.12.2019.*

दिनांक -02.12.2019 को ईआरएलडीसी से विषयवार सप्ताह हेतु डाटा की अंतिम किस्त प्राप्त की गई है।

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.

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।

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

आरआरएएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता@ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

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,

f   
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, Dongtich, 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, NVVN, 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**  
**ABT Based Deviation Charge Account**  
**KOLKATA**  
**For the period 18.11.19 TO 24.11.19**  
**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	32.93861		46.90574	0.40772		14.37485
JUVNL	0.29069		4.33064	0.67727		4.71722
DVC	18.71584		11.25872	0.50929	6.94782	
GRIDCO	18.63209		23.10806	0.03307		4.50904
SIKKIM		29.55125	1.44806	0.00000		30.99931
WBSETCL		205.32827	45.80061	1.27076		252.39964
HVDC SASARAM	0.66568		0.00303	0.00000	0.66265	
HVDC ALIPURDUAR	0.69673		0.00434	0.00000	0.69239	
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
FSTPP-I & II		69.16569	1.90341	0.02281		71.09191
FSTPP-III		3.51049	0.23586	0.00000		3.74636
KHSTPP-I	22.80759		0.00000	0.02173	22.78586	
KHSTPP-II		64.18386	6.61398	0.04255		70.84039
TSTPP		18.51668	0.09358	0.00000		18.61026
BARH		44.38834	3.05181	0.05292		47.49307
MTPS-II		21.46183	0.87851	0.00000		22.34034
BRBCL		0.14931	1.80660	0.03630		1.99221
TEESTA	30.90154		0.00000	0.00000	30.90154	
RANGIT	5.42585		0.01450	0.00000	5.41135	
MAITHON R/B	24.75413		0.00000	0.00000	24.75413	
NPGC		34.69224	10.33119	0.00000		45.02343
<b>OTHER GENERATORS</b>						
APNRL		29.92045	10.74889	0.06275		40.73209
GMRKEL		9.25393	0.00000	0.00000		9.25393
JITPL		16.07786	0.00000	0.00000		16.07786
CHUZACHEN	1.82038		0.06673	0.00000	1.75365	
DIKCHU	0.92180		0.08029	0.00000	0.84151	
JORETHANG HEP		3.56649	0.00868	0.00000		3.57517
THEP		0.38182	0.07127	0.00000		0.45309
TUL		7.29521	0.03463	0.00000		7.32983
<b>INTER- REGIONAL</b>						
NER	1697.81431				1697.81431	
NR		2864.99490				2864.99490
SR		521.94042				521.94042
WR	2071.98066				2071.98066	
<b>INTER- NATIONAL</b>						
NVVN-BD		22.59232	11.37144	0.00000		33.96376
NVVN-NEPAL		15.20756	3.08360	0.08004		18.37120
TPTCL		43.50800	0.35314			43.86114
<b>INFIRM GENERATORS</b>						
OPGC_INFIRM						0.00000
NPGC_INFIRM		23.03579				23.03579
DARLIPALI_INFIRM		76.33824				76.33824
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR		0.95397				0.95397
<b>TOTAL</b>	<b>3928.36590</b>	<b>4126.01492</b>	<b>183.60733</b>	<b>3.21720</b>	<b>3864.54588</b>	<b>4249.01942</b>

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>4126.01492</b>
<b>Receivable from the pool(B):</b>	<b>3928.36590</b>
<b>Differential Amount Arising from capping of Generating Stations(A-B)</b>	<b>197.64902</b>
<b>Additional Deviation Amount:</b>	<b>186.82453</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 765kV D/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-1/132/2

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  $f \geq 50.10\text{Hz}$ .

vii) CHPC, KHPC, THPC and MANGDECHHU are not covered under ABT. Hence Deviation energy (MWh) of these stations shall be adjusted monthly

after getting data from concerned agency.

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

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

x) 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

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

xii) 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.

x) As informed by ERLDC one unit of NPGC(1x660 MW) has been scheduled w.e.f. 06.09.2019





**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.	
24/11/19	BSPHCL	-68,022.276	-66,839.072	18,68,381.48	-2,19,501.55		0.00
	JUVNL	-17,861.959	-17,235.595	8,10,443.19	-1,71,309.56		0.00
	DVC	28,386.741	28,510.388	-3,53,509.84	-1,38,096.10		-5,867.63
	GRIDCO	-7,611.227	-7,689.259	-1,95,299.14	-3,59,037.28		0.00
	SIKKIM	-1,299.921	-1,289.813	4,160.96	-21,680.64		0.00
	WBSETCL	-25,279.622	-26,514.646	-6,94,499.14	-4,87,888.18		-19,876.74
	NER	2,153.772	11,357.628	1,68,39,799.11	-7,94,884.44		-1,28,908.91
	NR	-73,971.255	-78,852.687	-76,66,218.59	-1,04,29,521.28		-1,83,98,924.62
	SR	-34,634.772	-41,454.641	-1,76,80,768.28	-1,62,96,093.38		-83,829.71
	WR	-8,802.537	-5,942.460	67,91,573.19	-25,29,622.55		-57,321.06
	FSTPP-I & II	16,807.572	16,349.709	-7,09,165.35	-73,866.35		-433.83
	KHSTPP-I	12,567.101	12,615.468	1,47,023.92	0.00		0.00
	TSTPP	21,711.987	21,467.136	-3,18,859.02	0.00		0.00
	RANGIT	822.250	837.708	32,393.43	-1,450.25		0.00
	KHSTPP-II	33,601.431	33,024.937	-8,42,153.85	0.00		-1,257.76
	FSTPP-III	9,507.396	9,487.090	38,118.66	-22,600.63		0.00
	TEESTA	3,924.000	4,073.673	2,70,310.28	0.00		0.00
	MATTHON R/B	16,403.883	16,423.163	2,30,821.02	0.00		0.00
	BARH	24,490.561	24,593.491	6,04,244.204	-1,77,220.45		-2,197.39
	NVNV-NEPAL	0.000	-193.472	-1,91,704.102	-565.20		0.00
	APNRL	5,899.227	5,794.109	-1,20,166.503	0.00		0.00
	GMRKEL	13,675.680	13,503.054	-2,79,544.993	0.00		0.00
	JITPL	11,757.478	11,618.618	-2,23,975.53	0.00		0.00
	TPTCL	964.291	770.597	-3,21,214.31	0.00		0.00
	BRCL	15,161.965	15,207.782	1,05,191.096	0.00		0.00
	TALCHER SOLAR	41.823	37.687	-39,307.82	0.00		0.00
	JORETHANG HEP	768.136	727.904	-44,859.02	-867.86		0.00
	NPGC	13,921.488	13,558.796	-4,63,495.55	0.00		0.00
	HVDC SASARAM	-19.104	-17.627	3,135.306	-85.53		0.00
	VAE	-4,413.658	0.000	56,34,219.768	0.00		0.00
	NVNV	-11,939.691	-12,032.727	-6,240.352	-1,21,385.31		0.00
	CHUZACHEN	501.312	517.987	16,039.506	-1,292.18		0.00
	TUL	7,499.315	7,198.691	-1,17,103.383	-2,052.00		0.00
	DIKCHU	451.345	448.182	-252.565	0.00		0.00
	THEP	801.761	786.400	-1,487.256	-42.60		0.00
	HVDC ALIPURDUAR	-16.536	-11.792	8,814.343	-161.20		0.00
	OPGC_INFIRM	0.000	0.000	0.000	0.00		0.00
	MTPS-II	5,868.728	5,761.348	-1,42,617.251	-633.77		0.00
	NPGC_INFIRM	0.000	-80.287	-1,37,733.027	0.00		0.00
	DARLIPALI_INFIRM	0.000	-602.125	-10,98,168.175	0.00		0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE(Block wise Volume Limit) (IN RS)	ADDITIONAL DEVIATION CHARGE(Sign Change Violation) (IN RS)
FOR THE WEEK 18/11/19 TO 24/11/19	BSPHCL	-4,48,498.91	-4,41,936.94	32,93,861.37	-46,90,573.89	-40,771.78
	JUVNL	-1,20,108.37	-1,19,642.04	29,068.56	-4,33,064.36	-67,726.56
	DVC	2,53,975.53	2,54,899.38	18,71,583.93	-11,25,872.13	-50,929.39
	GRIDCO	-58,208.05	-55,966.75	18,63,208.85	-23,10,806.33	-3,306.53
	SIKKIM	-10,088.07	-11,021.98	-29,55,125.10	-1,44,805.79	0.00
	WBSETCL	-2,19,735.79	-2,28,487.56	-2,05,32,827.34	-45,80,061.35	-1,27,075.85
	NER	13,310.56	74,054.52	16,97,81,431.00	0.00	0.00
	NR	-5,10,459.20	-5,98,897.18	-28,64,99,490.00	0.00	0.00
	SR	-3,50,662.92	-3,76,497.84	-5,21,94,042.00	0.00	0.00
	WR	5,508.22	74,435.10	20,71,98,066.00	0.00	0.00
	FSTPP-I & II	1,37,618.08	1,34,493.99	-69,16,568.76	-1,90,341.27	-2,281.11
	KHSTPP-I	90,057.00	90,882.66	22,80,759.01	0.00	-2,172.78
	KHSTPP-II	2,31,526.60	2,28,445.21	-64,18,386.48	-6,61,398.12	-4,254.67
	TSTPP	1,38,030.63	1,36,844.88	-18,51,667.88	-9,357.85	0.00
	FSTPP-III	70,298.97	70,119.68	-3,51,049.30	-23,586.34	0.00
	TEESTA	29,521.50	30,840.18	30,90,153.80	0.00	0.00
	MATTHON R/B	99,296.69	1,00,057.89	24,75,412.89	0.00	0.00
	RANGIT	6,042.50	6,248.80	5,42,585.17	-1,450.25	0.00
	BARH	1,89,402.64	1,85,784.11	-44,38,834.32	-3,05,181.09	-5,292.03
	NVNV-NEPAL	0.00	-652.08	-15,20,756.00	-3,08,359.57	-8,004.33
	APNRL	22,439.60	21,128.07	-29,92,044.98	-10,74,889.11	-6,274.76
	GMRKEL	74,885.22	74,399.42	-9,25,392.80	0.00	0.00
	JITPL	77,276.75	76,499.49	-16,07,785.75	0.00	0.00
	TPTCL	7,473.26	5,613.31	-43,50,800.04	-35,314.24	0.00
	BRCL	1,07,322.83	1,07,276.29	-14,930.53	-1,80,660.38	-3,630.29
	TALCHER SOLAR	291.99	282.00	-95,397.00	0.00	0.00
	JORETHANG HEP	5,642.57	5,369.02	-3,56,649.41	-867.86	0.00
	NPGC	97,111.14	95,454.79	-34,69,223.92	-10,33,119.30	0.00
	HVDC SASARAM	-134.00	-107.37	66,568.00	-302.83	0.00
	VAE	-20,674.47	0.00	5,00,01,966.47	0.00	0.00
	NVNV-BD	-86,972.53	-87,312.29	-22,59,232.00	-11,37,144.39	0.00
	CHUZACHEN	3,753.96	3,852.65	1,82,037.88	-6,672.80	0.00
	TUL	58,360.21	56,997.16	-7,29,520.65	-3,462.53	0.00
	DIKCHU	3,459.74	3,496.73	92,180.35	-8,029.03	0.00
	THEP	5,794.85	5,704.77	-38,182.13	-7,127.08	0.00
	HVDC ALIPURDUAR	-109.98	-85.11	69,673.00	-434.34	0.00
	OPGC_INFIRM	0.00	0.00	0.00	0.00	0.00
	MTPS-II	47,388.55	46,382.75	-21,46,182.97	-87,850.81	0.00
	NPGC_INFIRM	0.00	-769.01	-23,03,578.92	0.00	0.00
	DARLIPALI_INFIRM	0.00	-2,844.41	-76,33,823.88	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: 04/12/2019

RRAS Account for Week: 18-Nov-19 to 24-Nov-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	2101.87000	1755062	5326139	1050936	8132135
2	FSTPP-III	900.11500	1357374	2238587	450058	4046017
3	KHSTPP-I	1736.41500	1844071	3795803	868208	6508084
4	KHSTPP-II	2480.22000	2730721	5143976	1240111	9114809
5	TSTPP-I	570.84200	556000	1223316	285422	2064737
6	BARH	4385.10500	8200145	10743506	2192552	21136206
7	BRBCL	7090.42500	16981568	16258344	3545212	36785126
8	MTPS-II	3079.93200	8420536	8380495	1539967	18340999
9	NPGC	371.13800	953823	766028	185568	1905420
	<b>Total</b>	<b>22716.06200</b>	<b>42799300</b>	<b>53876194</b>	<b>11358034</b>	<b>108033533</b>

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	287.70851	659716	494787
2	MTPS-II	61.14250	166369	124777
3	NPGC	16.79250	34660	25995
4	FSTPP I & II	410.44750	1040074	780055
5	FSTPP-III	252.75000	628589	471442
6	KHSTPP-I	123.84250	270720	203040
7	KHSTPP-II	87.78250	182061	136546
8	TSTPP-I	136.19568	291867	218901
9	BARH	544.59470	1334257	1000693
	<b>Total</b>	<b>1921.25639</b>	<b>4608312</b>	<b>3456234</b>



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	2101.87000	940983	BSPHCL
			14601	JUVNL
			314055	GRIDCO
			95978	SIKKIM
			63986	WBSETCL
			6822	WB SOLAR
			14405	ASSAM
			18553	DELHI
			38888	HARYANA
			18756	RAJASTHAN
		228035	UP	
2	FSTPP-III	900.11500	672742	BSPHCL
			400076	GRIDCO
			11582	WBSETCL
			11259	WB SOLAR
			261715	ASSAM
3	KHSTPP-I	1736.41500	648153	BSPHCL
			3421	JUVNL
			461741	GRIDCO
			58390	SIKKIM
			14883	WBSETCL
			2457	WB SOLAR
			138971	DELHI
			11655	HARYANA
			1267	HVDC_PUSAULI
66989	RAJASTHAN			
		436144	UP	
4	KHSTPP-II	2480.22000	73482	BSPHCL
			1268	JUVNL
			17654	GRIDCO
			9403	SIKKIM
			7915	WB SOLAR
			28745	ASSAM
			55921	CHATTISGARH
			345191	DELHI
			377653	GUJARAT
			10794	HARYANA
			213253	HP
			107806	MAHARASHTRA
			15101	MP
			37916	PUNJAB
			423888	RAJASTHAN
905849	UP			
		98882	UTTARAKHAND	
5	TSTPP-I	570.84200	287950	BSPHCL
			234152	GRIDCO
			30119	WBSETCL
			3779	WB SOLAR

EASTERN REGIONAL POWER COMMITTEE  
KOLKATA-700 033

6	BARH	4385.10500	67845	HVDC_APD
			7329491	BSPHCL
			651453	JUVNL
			151356	SIKKIM
7	BRBCL	7090.42500	453355	BSPHCL
			3554598	BIHAR_RAILWAYS
			510204	DVC_RAILWAYS
			1501060	MAHARASHTRA RAILWAYS
			933492	MP RAILWAYS
			4798251	RAILWAYS
			481941	HARYANA RAILWAY
			3581465	PUNJAB RAILWAY
			1016460	RAJASTHAN RAILWAY
8	MTPS-II	3079.93200	150742	UP RAILWAY
			6022987	BSPHCL
			91571	DVC
			2112364	GRIDCO
			193320	WBSETCL
9	NPGC	371.13800	294	TS_TRANSCO
			945273	BSPHCL
			8550	SIKKIM
	<b>Total</b>	<b>22716.06200</b>	<b>42799300</b>	

**A) RRAS settlement account for the week 18-Nov-19 to 24-Nov-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-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.

**F) RRAS Account in respect of MPL has not been prepared due to non availability data in required format.**

FRAS Settlement Account by ERPC

Date: 04/12/2019

FRAS Account for Week: 18-Nov-24 to 17-Nov-19

Payments to the FRAS Provider(s) from the DSM pool

Sr.No	FRAS Provider Name	FRAS UP Eup(MWH)	FRAS DOWN Edown(MWH)	Mileage Em(MWH)	Incentive as per CERC Order(Rs)	Total Charges (Rs)
1	TEESTA-V	0.00	0.00	0.00	0	0
2	RANGIT	0.00	0.00	0.00	0	0

A) FRAS settlement account for the week 18-Nov-19 to 24-Nov-19 has been prepared based on the CERC order in petition No.07/SM/2018/Suo-Motu, dated 16.07.2018.

B) The incentive has been calculated at the rate of 10 Paisa/Kwh for mileage Energy.

AGC Settlement Account by ERPC

Date:04/12/2019

AGC Account for Week: 18-Nov-19 to 24-Nov-19

Payments to the AGC Provider(s) from the DSM pool

Sr.No	AGC Provider Name	UP Regulation due to AGC(MWh)	Down Regulation due to AGC(MWh)	Net Energy(MWh)	Variable Charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
1	BARH	537.646875	2845.931250	-2308.284375	-5655297	1691789	-3963508

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 18-Nov-19 to 24-Nov-19 has been prepared based on the CERC order in petition No.79/RC/2017, dated 06.12.2017.

B) The markup rate has been calculated at the rate of 50 Paise/Kwh for Up & Down regulation.

C) Variable Charges for AGC provider has been calculated as per the rate furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.