



सत्यमेव जयते

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



**Eastern Regional Power Committee**

14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033  
14 Golf Club Road, Tollygunj, Kolkata-700033

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NO: ERPC/COM-II/ABT-DC/9009-9043.

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 11.11.2019 to 17.11.2019.**

दिनांक -11.11.2019 से 17.11.2019 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 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.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 एंसिलरी 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 26.11.2019.*

दिनांक -26.11.2019 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,

*दिनांक*  
04/12/19  
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, 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 11.11.19 TO 17.11.19**  
**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		48.32259	28.29602	0.01036		76.62896
JUVNL	24.61892		4.53992	0.40292	19.67608	
DVC		48.13451	6.93436	0.47374		55.54261
GRIDCO	5.05347		24.75046	0.02651		19.72351
SIKKIM		27.24864	0.47088	0.03641		27.75594
WBSETCL		200.81751	24.31344	1.03870		226.16965
HVDC SASARAM	0.01947		0.00074	0.00000	0.01873	
HVDC ALIPURDUAR	0.98153		0.01038	0.00000	0.97115	
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
FSTPP-I & II		46.46680	0.39290	0.03147		46.89116
FSTPP-III		5.04814	2.86783	0.00000		7.91597
KHSTPP-I	14.94236		0.43545	0.00000	14.50691	
KHSTPP-II		46.06512	1.04636	0.00427		47.11575
TSTPP	3.89784		0.20131	0.00000	3.69654	
BARH		8.01259	0.16359	0.03291		8.20908
MTPS-II		29.89731	2.05924	0.00000		31.95655
BRBCL	11.09803		0.35073	0.03394	10.71337	
TEESTA	27.69445		0.00000	0.00000	27.69445	
RANGIT	4.66736		0.04968	0.00000	4.61768	
MAITHON R/B	16.78167		0.00600	0.00000	16.77567	
NPGC		15.95482	0.07438	0.00000		16.02919
<b>OTHER GENERATORS</b>						
APNRL		9.40595	0.00000	0.00000		9.40595
GMRKEL	3.74683		0.00450	0.00000	3.74233	
JITPL		12.28177	0.01873	0.00000		12.30051
CHUZACHEN	1.77746		0.00087	0.00000	1.77658	
DIKCHU	0.56936		0.00530	0.00000	0.56406	
JORETHANG HEP		6.77198	0.00007	0.00000		6.77205
THEP	0.54999		0.00058	0.00000	0.54941	
TUL		6.98200	0.00208	0.00000		6.98408
<b>INTER- REGIONAL</b>						
NER	1493.24375				1493.24375	
NR		1420.55263				1420.55263
SR		1974.73305				1974.73305
WR	2048.61286				2048.61286	
<b>INTER- NATIONAL</b>						
NVVN-BD		12.62754	9.30989	0.00000		21.93743
NVVN-NEPAL		20.01075	0.30359	0.03573		20.35007
TPTCL		45.80997	0.11857			45.92854
<b>INFIRM GENERATORS</b>						
OPGC_INFIRM						0.00000
NPGC_INFIRM		33.73123				33.73123
DARLIPALI_INFIRM	242.21753				242.21753	
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR	1.22114				1.22114	
<b>TOTAL</b>	<b>3901.69402</b>	<b>4018.87491</b>	<b>106.72786</b>	<b>2.12696</b>	<b>3890.59822</b>	<b>4116.63392</b>

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>	<b>4018.87491</b>
<b>Receivable from the pool(B):</b>	<b>3901.69402</b>
<b>Differential Amount Arising from capping of Generating Stations(A-B)</b>	<b>117.18089</b>
<b>Additional Deviation Amount:</b>	<b>108.85482</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.
17/11/19	BSPHCL	-67,195.439	-66,522.812	54,058.60	-2,06,503.28	-1,035.54
	JUVNL	-17,354.970	-16,550.982	19,23,124.47	-8,554.81	-21,076.46
	DVC	31,297.180	30,661.314	-8,30,827.38	-2,18,816.14	-13,601.59
	SIKKIM	-1,308.681	-1,300.012	46,231.76	0.00	0.00
	WBSETCL	-32,624.397	-34,588.841	-44,08,019.73	-1,78,197.83	-13,242.99
	NER	810.896	10,373.165	2,24,38,915.99	0.00	-1,38,277.15
	NR	-55,703.288	-72,228.975	-3,88,75,518.07	-2,88,86,175.77	-10,10,76,346.99
	SR	-54,538.243	-55,249.669	-20,65,563.36	-1,89,57,821.70	-2,09,256.71
	WR	15,945.673	25,226.474	2,11,53,331.56	-63,87,194.50	-1,95,548.40
	FSTPP-I & II	18,646.711	18,441.430	-3,60,952.86	0.00	0.00
	KHSTPP-I	11,823.894	11,886.640	2,21,233.18	0.00	0.00
	TSTPP	9,291.640	9,208.796	-50,263.26	0.00	0.00
	RANGIT	881.000	922.398	93,952.90	0.00	0.00
	KHSTPP-II	33,054.776	32,648.774	-7,75,801.13	-411.13	0.00
	FSTPP-III	8,828.660	8,929.114	2,50,626.96	0.00	0.00
	TEESTA	4,428.000	4,590.254	3,84,115.27	0.00	0.00
	MAITHON R/B	15,702.275	15,777.454	3,59,311.89	0.00	0.00
	BARH	23,837.967	23,675.345	-2,65,721.065	0.00	0.00
	NVNV-NEPAL	0.000	234.960	-5,29,738.974	-6,585.05	-3,573.05
	APNRL	5,902.169	5,837.964	-90,667.957	0.00	0.00
	GMRKEL	7,560.000	7,559.563	-14,505.887	0.00	0.00
	JITPL	10,560.000	10,503.563	-90,049.79	0.00	0.00
	TPCL	1,205.001	1,832.845	-7,19,143.51	0.00	0.00
	BRCL	14,267.693	14,406.909	4,23,666.720	0.00	-3,393.90
	TALCHER SOLAR	45.005	46.481	13,800.13	0.00	0.00
	JORETHANG HEP	839.972	801.440	-41,901.77	0.00	0.00
	NPGC	14,401.156	14,161.994	-3,72,362.84	0.00	0.00
	HVDC SASARAM	-19.149	-18.645	1,284.134	0.00	0.00
	VAE	-760.303	0.000	-2,87,659.220	0.00	0.00
	NVNV	-14,152.701	-14,163.200	31,334.908	-34,105.80	0.00
	CHUZACHEN	599.178	619.075	37,217.012	0.00	0.00
	TUL	8,366.016	8,165.091	-1,28,183.084	0.00	0.00
	DIKCHU	549.333	540.818	3,742.670	0.00	0.00
	THEP	839.770	872.896	89,156.738	0.00	0.00
	HVDC ALIPURDUAR	-19.233	-12.242	18,243.757	0.00	0.00
	MTPS-II	5,402.947	5,316.688	-1,28,195.740	0.00	0.00
	NPGC_INFIRM	0.000	-269.158	-6,30,839.388	0.00	0.00
	DARLIPALI_INFIRM	0.000	2,322.553	35,20,944.181	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 11-11-19 TO 17/11/19	BSPHCL	-4,88,822.64	-4,87,728.17	-48,32,258.93	-28,29,601.89	-1,035.54
	JUVNL	-1,13,449.39	-1,12,176.23	24,61,891.67	-4,53,991.96	-40,292.47
	DVC	2,51,178.84	2,48,416.12	-48,13,451.39	-6,93,435.95	-47,373.21
	SIKKIM	-9,754.57	-10,648.90	-27,24,864.29	-47,088.31	-3,641.28
	WBSETCL	-2,50,322.59	-2,61,231.74	-2,00,81,751.17	-24,31,343.56	-1,03,870.43
	NER	4,454.89	66,607.35	14,93,24,375.00	0.00	0.00
	NR	-4,81,789.50	-5,38,359.66	-14,20,55,263.00	0.00	0.00
	SR	-3,15,272.70	-3,85,677.21	-19,74,73,305.00	0.00	0.00
	WR	64,980.67	1,39,709.12	20,48,61,286.00	0.00	0.00
	FSTPP-I & II	1,48,127.78	1,45,790.27	-46,46,679.57	-39,290.33	-3,146.52
	KHSTPP-I	87,060.64	87,506.35	14,94,235.53	-43,544.77	0.00
	KHSTPP-II	2,00,669.59	1,98,121.35	-46,06,512.48	-1,04,635.65	-427.37
	TSTPP	94,158.03	93,908.80	3,89,784.10	-20,130.53	0.00
	FSTPP-III	48,774.51	48,640.56	-5,04,813.98	-2,86,783.21	0.00
	TEESTA	32,574.00	33,819.13	27,69,445.41	0.00	0.00
	MAITHON R/B	1,32,789.02	1,33,091.92	16,78,167.07	-600.30	0.00
	RANGIT	6,682.00	6,900.60	4,66,735.73	-4,967.78	0.00
	BARH	1,54,162.36	1,53,614.07	-8,01,258.60	-16,359.03	-3,290.56
	NVNV-NEPAL	0.00	-1,317.98	-20,01,075.00	-30,359.07	-3,573.05
	APNRL	41,315.18	40,566.54	-9,40,595.43	0.00	0.00
	GMRKEL	62,127.31	62,312.22	3,74,683.13	-450.33	0.00
	JITPL	78,587.21	77,916.58	-12,28,177.18	-1,873.34	0.00
	TPCL	8,435.01	6,168.40	-45,80,997.45	-11,857.02	0.00
	BRCL	1,07,945.45	1,08,490.83	11,09,803.39	-35,072.71	-3,393.90
	TALCHER SOLAR	305.33	318.43	1,22,114.00	0.00	0.00
	JORETHANG HEP	6,505.34	5,962.24	-6,77,198.01	-7.16	0.00
	NPGC	97,078.44	96,022.91	-15,95,481.53	-7,437.77	0.00
	HVDC SASARAM	-129.16	-129.02	0.947.00	-74.42	0.00
	VAE	-12,067.87	0.00	1,93,61,647.32	0.00	0.00
	NVNV-BD	-1,03,699.34	-1,03,570.62	-12,62,754.00	-9,30,988.76	0.00
	CHUZACHEN	4,284.34	4,394.09	1,77,745.59	-87.28	0.00
	TUL	62,901.74	61,305.80	-6,98,200.50	-207.76	0.00
	DIKCHU	4,063.49	4,046.82	56,936.27	-530.40	0.00
	THEP	6,525.59	6,384.54	54,998.64	-57.73	0.00
	HVDC ALIPURDUAR	-128.79	-89.59	98,153.00	-1,038.48	0.00
	MTPS-II	42,116.06	40,479.06	-29,89,731.01	-2,05,923.69	0.00
	NPGC_INFIRM	0.00	-1,425.49	-33,73,122.85	0.00	0.00
	DARLIPALI_INFIRM	0.00	18,761.56	2,42,21,753.01	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: 11-Nov-19 to 17-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	2183.79000	1823465	5297119	1091894	8212478
2	FSTPP-III	102.75000	154947	248897	51375	455219
3	KHSTPP-I	1218.54800	1294098	2697520	609274	4600890
4	KHSTPP-II	2211.37800	2434728	4632746	1105689	8173162
5	TSTPP-I	342.44000	333536	818232	171220	1322988
6	BARH	2488.86500	4654178	6156224	1244433	12054834
7	BRBCL	5650.98200	13534103	12467931	2825494	28827525
8	MTPS-II	1730.05700	4729977	4717152	865029	10312158
9	NPGC	194.20300	499100	430783	97101	1026984
	<b>Total</b>	<b>16123.01300</b>	<b>29458132</b>	<b>37466604</b>	<b>8061509</b>	<b>74986238</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	364.64365	812213	609160
2	MTPS-II	229.96094	626585	469939
3	NPGC	423.29298	925028	693771
4	FSTPP I & II	980.19250	2411647	1808736
5	FSTPP-III	185.73500	460816	345612
6	KHSTPP-I	191.52000	422617	316963
7	KHSTPP-II	360.65993	752133	564100
8	TSTPP-I	156.75250	370353	277764
9	BARH	737.33759	1826469	1369852
	<b>Total</b>	<b>3630.09508</b>	<b>8607861</b>	<b>6455896</b>



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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	2183.79000	363981	BSPHCL
			986393	GRIDCO
			137952	SIKKIM
			2	ASSAM
			67654	DELHI
			65016	HARYANA
			61756	RAJASTHAN
2	FSTPP-III	102.75000	140711	UP
			48256	BSPHCL
			18962	JUVNL
			70387	GRIDCO
3	KHSTPP-I	1218.54800	17342	ASSAM
			179309	BSPHCL
			11755	JUVNL
			455737	GRIDCO
			23275	SIKKIM
			146526	DELHI
			16181	HARYANA
			1315	HVDC_PUSAULI
4	KHSTPP-II	2211.37800	88846	RAJASTHAN
			371154	UP
			12802	BSPHCL
			4580	JUVNL
			12662	SIKKIM
			6187	ASSAM
			433307	DELHI
			198956	GUJARAT
			48931	HARYANA
			41803	HP
			56297	MAHARASHTRA
			100788	MP
			7789	PUNJAB
406333	RAJASTHAN			
5	TSTPP-I	342.44000	1025842	UP
			78451	UTTARAKHAND
			221061	BSPHCL
			95917	GRIDCO
			16558	SIKKIM

EASTERN REGIONAL POWER COMMITTEE  
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6	BARH	2488.86500	34784	HVDC_APD
			4126213	BSPHCL
			443005	JUVNL
			50176	SIKKIM
7	BRBCL	5650.98200	28666	BSPHCL
			3670274	BIHAR_RAILWAYS
			321872	DVC_RAILWAYS
			1065761	MAHARASHTRA RAILWAYS
			618176	MP RAILWAYS
			3737736	RAILWAYS
			249123	HARYANA
			3079973	PUNJAB RAILWAY
			757590	RAJASTHAN RAILWAY
8	MTPS-II	1730.05700	4932	UP RAILWAY
			2718858	BSPHCL
			20385	DVC
			1661942	GRIDCO
			5629	SIKKIM
9	NPGC	194.20300	323163	WBSETCL
			494787	BSPHCL
			4313	SIKKIM
Total		16123.01300	29458132	

**A) RRAS settlement account for the week 11-Nov-19 to 17-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: 11-Nov-19 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 11-Nov-19 to 17-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: 11-Nov-19 to 17-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	0.000000	0.000000	0.000000	0	0	0

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 11-Nov-19 to 17-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.