



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
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NO: ERPC/COM-II/ABT-DC/ 6960-6994

Date: 11.10.2019

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 02.09.2019 to 08.09.2019.

दिनांक -02.09.2019 से 08.09.2019 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 5th 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 18.09.2019.

दिनांक -18.09.2019 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,

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, 3rd 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 Sheikh Lane, Andul Road, Howrah - 71110 9. FAX-033-2688-5094
7. Sr. GM(PP), GRIDCO, 4th 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, 2nd 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, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5th 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 02.09.19 TO 08.09.19
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
BENEFICIARIES OF EASTERN REGION						
BSPHCL		61.30961	45.65799	0.18163		107.14924
JUVNL	21.63038		0.19988	0.01692	21.41357	
DVC	7.05342		3.68927	0.24652	3.11763	
GRIDCO						*Not Calculated
SIKKIM		7.78475	0.04706	0.00000		7.83181
WBSETCL		275.70588	30.67883	1.69540		308.08011
HVDC SASARAM	0.33829		0.00311	0.00000	0.33518	
HVDC ALIPURDUAR	0.37495		0.00460	0.00000	0.37035	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		128.61616	0.89647	0.04620		129.55883
FSTPP-III		32.61164	0.44770	0.01666		33.07600
KHSTPP-I	20.26951		0.04938	0.00000	20.22013	
KHSTPP-II		21.93876	0.25639	0.00000		22.19515
TSTPP	7.95143		1.58486	0.00000	6.36657	
BARH		22.10958	6.81727	0.05487		28.98173
MTPS-II		3.19932	1.63121	0.00000		4.83053
BRBCL	13.81166		0.16338	0.00000	13.64828	
TEESTA	58.52724		0.00433	0.00000	58.52291	
RANGIT	3.42216		0.03501	0.00000	3.38715	
MAITHON R/B	25.81301		0.11766	0.00000	25.69535	
NPGC		36.28782	24.35142	0.11495		60.75418
OTHER GENERATORS						
APNRL		30.69307	0.00000	0.00000		30.69307
GMRKEL		123.46379	0.27943	0.58590		124.32912
JITPL		1.55141	0.09283	0.00000		1.64425
CHUZACHEN	9.48006		0.18982	0.00000	9.29024	
DIKCHU	14.20074		0.06633	0.00000	14.13442	
JORETHANG HEP		27.32495	0.23031	0.00000		27.55526
THEP	18.08729		0.00000	0.00000	18.08729	
TUL	43.65393		0.00000	0.00000	43.65393	
INTER- REGIONAL						
NER		2232.64492				2232.64492
NR	569.43239				569.43239	
SR		704.66227				704.66227
WR	3735.49872				3735.49872	
INTER- NATIONAL						
NVVN-BD		0.33602	0.08330	0.00000		0.41932
NVVN-NEPAL		36.22174	0.59881	0.02700		36.84755
TPTCL		153.28059	3.69662			156.97721
INFIRM GENERATORS						
OPGC_INFIRM						*Not Calculated
NPGC_INFIRM		12.89648				12.89648
DARLIPALI_INFIRM		18.70893				18.70893
SOLAR GENERATORS						
TALCHER SOLAR		2.23902				2.23902
TOTAL	4549.54518	3933.58674	121.87326	2.98605	4543.17411	4052.07498

(All figures in Rs. Lakhs)

Payable to the pool(A):		3933.58674
Receivable from the pool(B):		4549.54518
Differential Amount Arising from capping of Generating Stations(A-B)		-615.95844
Additional Deviation Amount:		124.85932

* DSM Accounting of GRIDCO & OPGC has been suspended due to ongoing issue of closing of bus sectionalizer breakers by OPGC Ltd. between U#3 & U#4

on 27.08.2019. ERLDC has raised objections and subsequently filed a petition before CERC on the issue. Hence, pending the decision of the competent authority.

DSM accounting of GRIDCO & OPGC has been suspended.

**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-1/132/2

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.
08-09-19	BSPHCL	-1,07,828.270	-1,06,306.408	20,05,399.34	-9,435.96	0.00
	JUVNL	-15,353.212	-15,300.627	-1,36,322.38	-3,667.77	0.00
	DVC	28,403.401	27,740.536	-5,20,009.81	-25,988.75	-630.61
	SIKKIM	-1,073.929	-1,114.416	20,683.90	0.00	0.00
	WBSETCL	-59,034.260	-61,023.305	-32,23,535.41	-1,47,151.47	-18,962.94
	NER	-9,629.225	-21,221.716	-2,14,72,894.36	-1,76,34,217.08	-1,89,127.15
	NR	-80,939.763	-74,996.237	1,54,28,338.25	-6,44,593.14	-4,01,13,679.45
	SR	-16,321.534	-12,939.914	2,54,043.69	-83,05,653.20	-1,29,153.21
	WR	41,885.408	54,293.074	2,43,86,638.51	-5,15,638.72	-93,055.25
	FSTPP-I & II	23,499.408	23,235.737	-6,98,166.94	0.00	0.00
	KHSTPP-I	14,147.605	14,284.949	3,59,083.17	0.00	0.00
	TSTPP	5,714.450	5,614.532	-1,28,507.28	0.00	0.00
	RANGIT	1,446.000	1,470.902	33,117.82	0.00	0.00
	KHSTPP-II	27,122.561	26,896.869	-3,53,699.50	0.00	0.00
	FSTPP-III	8,235.953	8,405.644	1,69,084.00	0.00	0.00
	TEESTA	12,156.000	12,471.891	5,70,355.00	0.00	0.00
	MAITHON R/B	15,101.493	15,224.145	3,16,532.65	0.00	0.00
	BARH	21,736.415	21,648.545	5,47,838.685	0.00	-5,487.03
	NVVN-NEPAL	-4,139.209	-4,429.616	-5,05,974.129	-3,771.85	0.00
	APNRL	8,830.301	8,267.345	-6,72,257.586	0.00	0.00
	GMRKEL	13,466.241	12,499.782	-11,97,684.752	0.00	-4,945.09
	JITPL	10,560.000	10,575.636	65,542.93	0.00	0.00
	TPCL	2,976.916	1,776.255	-18,67,675.31	-16,661.92	0.00
	BRCL	8,333.657	8,506.545	3,22,846.243	0.00	0.00
	TALCHER SOLAR	25.480	26.859	11,865.48	0.00	0.00
	JORETHANG HEP	2,503.257	2,317.760	-2,95,576.03	0.00	0.00
	NPGC	7,080.670	7,088.421	-6,20,498.00	-7,32,948.57	0.00
	HVDC SASARAM	-23.053	-20.588	3,889.519	0.00	0.00
	VAE	2,796.075	0.000	-86,24,178.857	0.00	0.00
	NVVN	-21,953.034	-21,916.363	89,391.491	0.00	0.00
	CHUZACHEN	2,809.296	2,829.696	77,843.375	0.00	0.00
	TUL	31,278.339	31,074.036	65,568.666	0.00	0.00
	DIKCHU	2,493.475	2,621.545	2,27,210.132	0.00	0.00
	THEP	2,529.566	2,646.528	1,80,007.573	0.00	0.00
	HVDC ALIPURDUAR	-27.716	-24.352	4,638.638	0.00	0.00
	MTPS-II	5,251.247	5,299.820	45,513.022	0.00	0.00
	NPGC_INFIRM	0.000	-103.766	-2,00,298.262	0.00	0.00
	DARLIPALI_INFIRM	0.000	-180.401	-3,63,824.976	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 02-09-19 TO 08-09-19	BSPHCL	-7,86,417.18	-7,85,121.63	-61,30,960.95	-45,65,799.38	-18,163.50
	JUVNL	-1,16,643.07	-1,15,770.04	21,63,038.22	-19,988.44	-1,692.24
	DVC	2,12,866.97	2,11,832.93	7,05,342.38	-3,68,926.92	-24,651.73
	SIKKIM	-8,883.09	-9,257.42	-7,78,475.42	-4,705.68	0.00
	WBSETCL	-5,05,660.36	-5,18,672.36	-2,75,70,588.07	-30,67,882.98	-1,69,540.41
	NER	-93,314.40	-1,81,874.28	-22,32,64,492.00	0.00	0.00
	NR	-5,48,758.40	-5,31,629.95	5,69,43,239.00	0.00	0.00
	SR	-29,923.45	-52,275.63	-7,04,66,227.00	0.00	0.00
	WR	2,07,908.45	3,60,908.37	37,35,49,872.00	0.00	0.00
	FSTPP-I & II	2,04,391.46	1,98,381.88	-1,28,61,616.02	-89,647.16	-4,619.52
	KHSTPP-I	1,18,567.53	1,19,230.25	20,26,951.18	-4,938.26	0.00
	KHSTPP-II	2,18,458.43	2,17,150.05	-21,93,876.24	-25,638.55	0.00
	TSTPP	85,404.00	85,612.59	7,95,142.81	-1,50,486.15	0.00
	FSTPP-III	72,916.86	71,326.99	-32,61,164.27	-44,769.74	-1,666.40
	TEESTA	85,092.00	87,548.91	58,52,723.93	-432.55	0.00
	MAITHON R/B	1,09,176.81	1,10,173.56	25,81,300.67	-11,766.10	0.00
	RANGIT	10,122.00	10,290.82	3,42,216.14	-3,500.76	0.00
	BARH	1,84,509.79	1,81,012.36	-22,10,958.31	-6,81,727.42	-5,487.03
	NVVN-NEPAL	-28,974.46	-30,536.80	-36,22,174.00	-59,880.61	-2,699.90
	APNRL	63,967.15	61,729.89	-30,69,307.46	0.00	0.00
	GMRKEL	86,828.66	80,745.96	-1,23,46,379.11	-27,942.91	-58,589.88
	JITPL	76,485.00	76,358.91	-1,55,141.30	-9,283.47	0.00
	TPCL	20,641.69	13,227.11	-1,53,28,059.47	-6,69,661.84	0.00
	BRCL	70,663.18	71,353.60	13,81,165.72	-16,338.21	0.00
	TALCHER SOLAR	201.57	179.55	-2,23,902.00	0.00	0.00
	JORETHANG HEP	16,858.17	15,564.26	-27,32,494.99	-23,031.08	0.00
	NPGC	66,229.18	28,783.11	-36,28,781.66	-24,35,142.14	-11,494.56
	HVDC SASARAM	-161.33	-147.40	33,829.00	-311.01	0.00
	VAE	2,984.79	0.00	-1,62,27,492.97	0.00	0.00
	NVVN-BD	-1,54,342.08	-1,54,348.43	-33,602.00	-8,329.81	0.00
	CHUZACHEN	17,854.71	18,242.91	9,48,006.03	-18,981.60	0.00
	TUL	2,13,465.07	2,14,106.18	43,65,393.32	0.00	0.00
	DIKCHU	16,300.25	16,895.09	14,20,074.28	-6,632.69	0.00
	THEP	17,122.79	17,970.50	18,08,728.50	0.00	0.00
	HVDC ALIPURDUAR	-191.75	-174.95	37,495.00	-460.18	0.00
	MTPS-II	38,664.51	38,462.93	-3,19,932.36	-1,63,120.85	0.00
	NPGC_INFIRM	0.00	-526.27	-12,89,648.49	0.00	0.00
	DARLIPALI_INFIRM	0.00	-767.64	-18,70,892.93	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: 11/10/2019

RRAS Account for Week: 02-Sep-19 to 08-Sep-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	1161.86200	970155	2783823	580931	4334909
2	FSTPP-III	89.21500	134536	209834	44607	388977
3	KHSTPP-I	177.44800	188450	389497	88724	666670
4	KHSTPP-II	1374.56000	1513391	2860458	687280	5061130
5	TSTPP-I	16.83500	16397	30858	8417	55674
6	BARH	539.99500	1009790	1277089	269999	2556877
7	BRBCL	505.24000	1210050	1123652	252619	2586324
8	MTPS-II	1352.33500	3697284	3929885	676168	8303336
9	NPGC	0.00000	0	0	0	0
	Total	5217.49000	8740053	12605096	2608745	23953897

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	508.15634	1130140	847605
2	MTPS-II	564.65865	1640898	1230674
3	NPGC	117.00000	269802	202352
4	FSTPP I & II	1626.89537	3898041	2923531
5	FSTPP-III	468.61250	1102177	826632
6	KHSTPP-I	1025.75716	2251537	1688653
7	KHSTPP-II	1018.12866	2118726	1589044
8	TSTPP-I	50.00000	91650	68738
9	BARH	1266.23489	2994646	2245984
	Total	6645.44357	15497616	11623212

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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	1161.86200	489798	BSPHCL
			11400	JUVNL
			172456	GRIDCO
			44250	SIKKIM
			79167	WBSETCL
			979	TS_TRANSCO
			4852	WB SOLAR
			125762	ASSAM
			14490	DELHI
			19729	HARYANA
			368	J & K
			6904	RAJASTHAN
2	FSTPP-III	89.21500	92009	JUVNL
			18995	GRIDCO
			20214	WBSETCL
			579	TS_TRANSCO
3	KHSTPP-I	177.44800	2739	WB SOLAR
			2	GRIDCO
			44613	SIKKIM
			3579	TS_TRANSCO
			22023	ASSAM
			34152	DELHI
			20981	HARYANA
			976	HVDC_PUSAULI
4	KHSTPP-II	1374.56000	5054	J & K
			57070	RAJASTHAN
			8266	SIKKIM
			194	TS_TRANSCO
			90186	ASSAM
			97598	CHATTISGARH
			67059	DELHI
			753470	GUJARAT
			61169	HARYANA
			18762	HP
			3769	J & K
			45076	MAHARASHTRA
			67268	MP
59452	PUNJAB			
82062	RAJASTHAN			
159060	UTTARAKHAND			
5	TSTPP-I	16.83500	3565	SIKKIM
			2118	TS_TRANSCO
			10714	ASSAM

EASTERN REGIONAL POWER COMMITTEE
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6	BARH	539.99500	13598	HVDC_APD
			780215	BSPHCL
			125819	JUVNL
			82818	SIKKIM
			7340	TS_TRANSCO
7	BRBCL	505.24000	335522	BIHAR_RAILWAYS
			329192	AHARASHTRA RAILWAYS
			113797	MP RAILWAYS
			31290	RAILWAYS
			570	HARYANA
			310861	PUNJAB
8	MTPS-II	1352.33500	88818	RAJASTHAN
			2020441	BSPHCL
			8940	DVC
			1515878	GRIDCO
			1679	SIKKIM
9	NPGC	0.00000	119585	WBSETCL
			30761	TS_TRANSCO
			0	-
	Total	5217.49000	8740053	

A) RRAS settlement account for the week 02-Sep-19 to 08-Sep-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.

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: 11/10/2019

FRAS Account for Week: 02-Sep-19 to 08-Sep-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 02-Sep-19 to 08-Sep-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 Paise/Kwh for mileage Energy.

AGC Settlement Account by ERPC

Date: 03/10/2019

AGC Account for Week: 02-Sep-19 to 08-Sep-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	1291.546875	3300.759375	-2009.212500	-4751788	2296153	-2455634

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 02-Sep-19 to 08-Sep-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.