



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
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NO: ERPC/COM-II/ABT-DC/ 3434-3468

Date: 10.08.2020

To: As per List / संलग्न सूची के अनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 20.07.2020 to 26.07.2020

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. 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 आरआरएस निपटान खाते को सीईआरसी द्वारा अनुमोदित एंसिलरी सर्विसेज ऑपरेशन के दिशानिर्देशों के विस्तृत प्रक्रिया के अनुसार 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 04.08.2020.

दिनांक -04.08.2020 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.

आरआरएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएस/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,

(S. KEJRIWAL)
MEMBER SECRETARY(I/C)

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: Saraikeela, 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
KOLKATA
ABT based Deviation Charge Account
For the period 20.07.20 TO 26.07.20
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		85.47906	96.13846	1.74159		183.35912
JUVNL	17.99333		3.34887	0.33361	14.31085	
DVC		0.51242	1.25072	0.11994		1.88307
GRIDCO	76.63478		26.62346	0.03960	49.97172	
SIKKIM	6.42876		0.00311	0.00000	6.42565	
WBSETCL		304.73881	33.99392	1.65035		340.38308
HVDC SASARAM	0.95144		0.00355	0.00000	0.94789	
HVDC ALIPURDUAR		0.27359	0.00076	0.00000		0.27435
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		76.02925	4.42791	0.00000		80.45716
FSTPP-III		1.05821	0.14540	0.00000		1.20362
KHSTPP-I		81.75130	0.45052	0.09995		82.30177
KHSTPP-II		16.99359	1.23942	0.00000		18.23301
TSTPP	16.30846		0.13314	0.00000	16.17533	
BARH		74.80727	16.25477	0.03500		91.09705
MTPS-II		13.75061	3.26219	0.00000		17.01280
BRBCL		15.67802	0.07629	0.00000		15.75430
TEESTA	48.16592		0.06832	0.00000	48.09759	
RANGIT		0.70220	0.08022	0.00000		0.78242
MAITHON R/B	21.46002		0.02997	0.00000	21.43005	
NPGC	9.90883		0.00000	0.00000	9.90883	
DARLIPALI		75.44223	8.24176	0.07327		83.75727
OTHER GENERATORS						
APNRL	46.47005		0.00018	0.00000	46.46987	
GMRKEL	4.55981		0.01128	0.00000	4.54853	
JITPL		2.18692	0.00464	0.00000		2.19156
CHUZACHEN	1.68258		0.03440	0.00000	1.64818	
DIKCHU	26.66535		0.02564	0.00000	26.63971	
JORETHANG HEP		45.47922	8.31603	0.00000		53.79525
THEP	7.44190		2.28557	0.00000	5.15633	
TUL		93.80994	78.23567	0.00000		172.04561
INTER- REGIONAL						
NER		2338.90127				2338.90127
NR		4725.55813				4725.55813
SR	422.90644				422.90644	
WR	7504.90113				7504.90113	
INTER- NATIONAL						
NVVN-BD		31.62362	0.16970	0.00000		31.79332
NVVN-NEPAL		41.96574	1.57303	0.00000		43.53877
TPTCL		0.52366	0.00046			0.52411
INFIRM GENERATORS						
BARH SG1_INFIRM		37.26886				37.26886
NPGC_INFIRM		20.87020				20.87020
DARLIPALI_U#2_INFIRM		7.37401				7.37401
SOLAR GENERATORS						
TALCHER SOLAR	0.11210				0.11210	
TOTAL	8212.59091	8092.77812	286.42934	4.09332	8179.65021	8350.36009

(All figures in Rs. Lakhs)

Payable to the pool(A):		8092.77812
Receivable from the pool(B):		8212.59091
Differential Amount Arising from capping of Generating Stations(A-B)		-119.81278
Additional Deviation Amount:		290.52266

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

- a) **Northern Region:** Pusaali 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.

vii) 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

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

xiv) As informed by ERLDC, NPGC Unit#2 starts drawing Start Up Power w.e.f. 27.08.2019.

xv) As informed by ERLDC, BARH Stage-I starts drwaing Start up Power w.e.f 01.02.2020.

xvi) As informed by ERLDC one unit of DARLIPALI has been scheduled w.e.f. 01.03.2020.

xvi) As informed by ERLDC, DARLIPALI U#2 start drwing start Up power w.e.f. 31.03.2020.

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.
26/07/20	BSPHCL	-1,10,968.365	-1,12,213.280	-67,46,963.06	-29,63,434.80	-21,479.20
	JUVNL	-22,768.267	-22,878.530	-5,11,664.97	-33,164.67	0.00
	DVC	40,600.007	40,372.803	4,55,519.12	-20,837.53	-4,864.30
	GRIDCO	-6,110.283	-5,624.781	4,11,600.29	-4,96,276.04	0.00
	SIKKIM	-1,081.373	-985.799	2,14,184.37	-310.77	0.00
	WBSETCL	-47,531.183	-51,313.509	-86,59,403.18	-11,15,763.71	-59,252.28
	NER	4,361.479	-7,761.211	-3,27,48,797.23	-2,83,32,985.25	-3,00,089.09
	NR	-85,999.022	-96,450.845	-2,27,49,353.09	-1,37,32,356.38	-5,45,98,447.42
	SR	-28,029.178	-48,936.937	-5,83,44,051.81	-4,92,21,754.84	-5,87,676.86
	WR	-16,014.712	37,216.193	13,79,10,773.25	-12,28,005.15	-12,79,324.12
	FSTPP-I & II	24,562.335	24,054.234	-13,66,707.75	-686.46	0.00
	KHSTPP-I	14,621.598	14,137.890	-11,62,649.87	-7,009.75	0.00
	TSTPP	19,526.243	19,167.844	-9,29,651.67	-7,057.03	0.00
	RANGIT	949.000	981.415	70,820.13	-149.62	0.00
	KHSTPP-II	17,364.341	17,367.532	1,60,546.21	0.00	0.00
	FSTPP-III	8,197.063	8,163.983	-40,858.24	0.00	0.00
	DARLIPALI	10,561.500	10,396.636	-1,49,840.71	-21,346.39	0.00
	TEESTA	12,156.000	12,430.582	6,68,912.89	0.00	0.00
	MAITHON R/B	17,918.650	17,870.654	47,344.89	0.00	0.00
	BARH	17,761.277	17,814.758	1,31,187.722	0.00	0.00
	NVVN-NEPAL	0.000	-296.320	-9,30,285.920	-52,134.05	0.00
	APNRL	8,614.787	8,728.800	5,44,552.103	0.00	0.00
	GMRKEL	15,546.928	15,528.800	64,693.344	0.00	0.00
	JITPL	13,225.617	13,199.636	432.04	0.00	0.00
	TPTCL	2,957.312	2,953.690	-7,675.11	-45.75	0.00
	BRBCL	8,851.547	8,769.891	-1,75,782.256	0.00	0.00
	TALCHER SOLAR	44.350	49.518	46,935.46	0.00	0.00
	JORETHANG HEP	2,501.968	2,266.944	-4,36,531.27	-47,104.98	0.00
	NPGC	14,763.687	14,692.851	412.01	0.00	0.00
	HVDC SASARAM	-25.816	-20.597	11,498.438	-164.20	0.00
	VAE	955.935	0.000	-10,24,698.496	0.00	0.00
	NVVN	-22,304.703	-22,592.582	-8,28,891.520	0.00	0.00
	CHUZACHEN	2,841.789	2,855.894	33,461.699	-341.71	0.00
	TUL	30,038.457	30,119.200	3,28,508.654	-2,074.00	0.00
	DIKCHU	2,493.727	2,645.091	3,65,489.769	0.00	0.00
	THEP	2,526.188	2,632.640	2,55,365.829	0.00	0.00
	HVDC ALIPURDUAR	-23.968	-28.213	-12,369.180	0.00	0.00
	BARH SGL_INFIRM	0.000	-122.940	-3,24,008.297	0.00	0.00
	MTPS-II	3,662.850	3,645.268	-53,272.550	-7,956.99	0.00
	NPGC_INFIRM	0.000	-97.142	-2,57,227.754	0.00	0.00
	DARLIPALI U#2_INFIRM	0.000	-44.100	-1,15,356.030	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 20/07/20 TO 26/07/20	BSPHCL	-6,85,388.89	-6,78,238.69	-85,47,905.71	-96,13,846.13	-1,74,159.44
	JUVNL	-1,35,758.67	-1,33,784.35	17,99,332.55	-3,34,887.45	-33,360.88
	DVC	2,62,386.57	2,61,362.64	-51,292.07	-1,25,071.71	-11,993.59
	GRIDCO	-48,433.86	-42,861.86	76,63,478.47	-26,62,345.52	-3,960.48
	SIKKIM	-7,821.25	-7,601.70	6,42,876.41	-310.77	0.00
	WBSETCL	-3,19,087.65	-3,33,067.53	-3,04,73,880.67	-33,99,391.86	-1,65,034.73
	NER	41,221.68	-44,013.20	-23,38,90,127.00	0.00	0.00
	NR	-4,80,457.81	-6,50,834.27	-47,25,55,813.00	0.00	0.00
	SR	-4,43,757.91	-4,36,469.44	4,22,90,644.00	0.00	0.00
	WR	-934.98	2,83,985.79	75,04,90,113.00	0.00	0.00
	FSTPP-I & II	1,53,370.32	1,50,303.72	-76,02,925.08	-4,42,790.98	0.00
	KHSTPP-I	1,06,349.93	1,02,723.17	-81,75,129.58	-45,052.10	-9,995.36
	KHSTPP-II	1,22,641.72	1,21,562.01	-16,99,359.29	-1,23,941.77	0.00
	TSTPP	1,42,409.60	1,43,008.61	16,30,846.22	-13,313.68	0.00
	FSTPP-III	50,501.04	50,336.26	-1,05,821.37	-14,540.19	0.00
	DARLIPALI	16,809.00	13,446.21	-75,44,223.14	-8,24,176.47	-7,327.18
	TEESTA	85,074.50	87,058.94	48,16,591.75	-6,832.36	0.00
	MAITHON R/B	1,07,858.11	1,08,420.69	21,46,001.82	-2,996.97	0.00
	RANGIT	4,532.00	4,471.71	-70,219.87	-8,021.75	0.00
	BARH	1,22,757.87	1,19,348.67	-74,80,727.38	-16,25,477.23	-3,500.28
	NVVN-NEPAL	0.00	-1,448.13	-41,96,574.00	-1,57,302.54	0.00
	APNRL	60,656.72	62,052.58	46,47,005.02	-18.46	0.00
	GMRKEL	1,03,414.65	1,03,415.49	4,55,981.24	-1,127.81	0.00
	JITPL	92,081.13	91,912.94	-2,18,692.43	-463.71	0.00
	TPTCL	20,707.48	20,682.49	-52,365.73	-45.75	0.00
	BRBCL	60,166.22	59,471.85	-15,67,801.54	-7,628.86	0.00
	TALCHER SOLAR	227.14	230.64	11,210.00	0.00	0.00
	JORETHANG HEP	16,626.59	14,684.74	-45,47,921.66	-8,31,603.03	0.00
	NPGC	1,01,188.62	1,01,174.23	9,90,883.46	0.00	0.00
	HVDC SASARAM	-179.69	-143.76	95,144.00	-354.84	0.00
	VAE	2,484.84	0.00	-64,50,141.00	0.00	0.00
	NVVN-BD	-1,53,481.56	-1,54,584.22	-31,62,362.00	-16,970.17	0.00
	CHUZACHEN	19,655.70	19,735.36	1,65,288.01	-3,439.80	0.00
TUL	2,05,678.67	2,01,389.45	-93,80,993.59	-78,23,567.44	0.00	
DIKCHU	17,456.09	18,509.91	26,66,534.99	-2,563.86	0.00	
THEP	17,621.15	17,896.96	7,44,190.34	-2,28,556.86	0.00	
HVDC ALIPURDUAR	-187.39	-197.12	-27,359.00	-75.52	0.00	
BARH SGL_INFIRM	0.00	-1,370.34	-37,26,885.80	0.00	0.00	
MTPS-II	33,847.86	33,235.57	-13,75,061.50	-3,26,218.80	0.00	
NPGC_INFIRM	0.00	-761.07	-20,87,019.60	0.00	0.00	
DARLIPALI U#2_INFIRM	0.00	-274.51	-7,37,400.82	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: 10/08/2020

RRAS Account for Week: 20-Jul-20 to 26-Jul-20

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	1132.50000	933180	3191384	566251	4690815
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	1292.53500	1354577	2852626	646268	4853469
4	KHSTPP-II	1491.67800	1624437	3122081	745839	5492359
5	TSTPP-I	1326.17000	1271798	2558182	663086	4493064
6	BARH	90.50000	166521	235391	45249	447160
7	BRBCL	131.75000	329374	328585	65874	723835
8	Darlipali_NTPC	0.00000	0	0	0	0
9	MTPS-II	285.75000	781242	741522	142875	1665636
10	NPGC	565.40200	1435557	1075961	282702	2794219
	Total	6316.28500	7896686	14105732	3158144	25160557

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	2270.28516	5662091	4246568
2	MTPS-II	950.82000	2467378	1850533
3	NPGC	150.06756	285579	214184
4	Darlipali_NTPC	0.00000	0	0
5	FSTPP I & II	95.25000	268415	201311
6	FSTPP-III	0.00000	0	0
7	KHSTPP-I	423.97500	935713	701785
8	KHSTPP-II	115.50000	241742	181306
9	TSTPP-I	453.19873	874220	655665
10	BARH	3246.55016	8444277	6333208
	Total	7705.64661	19179414	14384560

EASTERN REGIONAL POWER COMMITTEE
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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	1132.50000	55710	BSPHCL
			11194	JUVNL
			383190	GRIDCO
			2686	SIKKIM
			384874	WBSETCL
			18527	ODISHA SOLAR
			2325	TS_TRANSCO
			11490	WB SOLAR
			9154	ASSAM
			6073	DELHI
			1492	HARYANA
			22086	JK & LADAKH
			2185	NAGALAND
			15462	RAJASTHAN
6732	UP			
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	1292.53500	179920	BSPHCL
			4629	JUVNL
			680715	GRIDCO
			25033	SIKKIM
			53708	WBSETCL
			30763	ODISHA SOLAR
			7695	WB SOLAR
			73988	DELHI
			6017	HARYANA
			125837	JK & LADAKH
			2877	NAGALAND
			41808	RAJASTHAN
121587	UP			
4	KHSTPP-II	1491.67800	39538	BSPHCL
			4454	JUVNL
			132006	GRIDCO
			1177	SIKKIM
			43137	ODISHA SOLAR
			21068	WB SOLAR
			33186	ASSAM
			430	CHATTISGARH
			122878	DELHI
			176203	GUJARAT
			20209	HARYANA
			33270	HP
			233695	JK & LADAKH
			75016	MAHARASHTRA
			141087	RAJASTHAN
			504419	UP
42664	UTTARAKHAND			
5	TSTPP-I	1326.17000	59724	BSPHCL
			7701	JUVNL
			1131768	GRIDCO
			48328	WBSETCL
			16002	ODISHA SOLAR
			4823	WB SOLAR
			3166	DELHI
286	NAGALAND			

EASTERN REGIONAL POWER COMMITTEE
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6	BARH	90.50000	5028	HVDC_APD
			51253	BSPHCL
			38708	JUVNL
			71532	SIKKIM
7	BRBCL	131.75000	36698	BSPHCL
			35756	BIHAR_RAILWAYS
			39330	DVC_RAILWAYS
			42906	AHARASHTRA RAILWAYS
			26035	MP RAILWAYS
			47823	RAILWAYS
			1787	DELHI
			5362	HARYANA
			11471	PUNJAB
			5590	RAJASTHAN
76616	UP			
8	Darlipali_NTPC	0.00000	0	-
9	MTPS-II	285.75000	45827	BSPHCL
			3875	JUVNL
			162079	DVC
			531556	GRIDCO
			36567	WBSETCL
			1338	TS_TRANSCO
10	NPGC	565.40200	710828	BSPHCL
			2969	JUVNL
			721760	UP
Total		6316.28500	7896686	

A) RRAS settlement account for the week 20-Jul-20 to 26-Jul-20 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.

AGC Settlement Account by ERPC

Date:10/08/2020

AGC Account for Week: 20-Jul-20 to 26-Jul-20

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 20-Jul-20 to 26-Jul-20 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-1 and the same published in ERPC website as format AS-3.