



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/4658-4692

Date: 23.09.2020

To: As per List / संलग्न सूची केअनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 31.08.2020 to 06.09.2020 and Deviation Settlement of Bhutan Power for the month of AUGUST'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)

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.

The last installment of data for the subjected week has been received from ERLDC on 15.09.2020.

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।

This is issued with the approval of Member Secretary.

Encl: As above

भवदीय / Yours faithfully,

(S. KEJRIWAL)
SUPERINTENDING ENGINEER

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, Dongtiah, 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 31.08.20 TO 06.09.20
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		469.08278	128.14638	1.99948		599.22864
JUVNL		49.55061	17.00437	0.32713		66.88210
DVC		6.5434	3.76332	0.05929		10.36601
GRIDCO	28.93139		66.07004	0.39522		37.53387
SIKKIM	1.53367		1.18977	0.00000	0.34390	
WBSSETCL		358.41259	77.42721	1.69810		437.53790
HVDC SASARAM	0.18405		0.02504	0.00000	0.15901	
HVDC ALIPURDUAR		0.81868	0.09390	0.00000		0.91258
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		177.59744	51.32671	0.30929		229.23344
FSTPP-III		30.59650	2.30038	0.00000		32.89687
KHSTPP-I		73.46124	3.51123	0.11382		77.08628
KHSTPP-II		21.23079	1.52538	0.06969		22.82586
TSTPP		21.18013	0.87994	0.03862		22.09870
BARH		61.10623	2.25269	0.03837		63.39729
MTPS-II		8.67322	0.24650	0.00000		8.91972
BRBCL		5.27196	0.18318	0.00000		5.45514
TEESTA	40.73727		0.03468	0.00000	40.70260	
RANGIT		1.65946	0.42634	0.00000		2.08581
MAITHON R/B	16.73692		0.15477	0.00000	16.58215	
NPGC		9.15018	0.03185	0.03918		9.22121
DARLIPALI		42.36143	2.39747	0.00000		44.75889
OTHER GENERATORS						
APNRL	21.17375		0.34371	0.00000	20.83004	
GMRKEL	8.71571		0.00453	0.00000	8.71118	
JITPL		0.14664	0.18292	0.00000		0.32956
CHUZACHEN		3.50895	2.22437	0.00000		5.73332
DIKCHU	12.48904		0.05178	0.00000	12.43726	
JORETHANG HEP		50.25545	10.54023	0.09080		60.88648
THEP		34.53031	7.21232	0.09532		41.83796
TUL	12.25623		0.00000	0.00000	12.25623	
INTER- REGIONAL						
NER		3002.60356				3002.60356
NR		2339.24787				2339.24787
SR	2324.30083				2324.30083	
WR	4855.20781				4855.20781	
INTER- NATIONAL						
NVVN-BD		55.75076	4.68059	0.01817		60.44952
NVVN-NEPAL		64.39659	5.91952	0.00000		70.31611
TPTCL		111.69313	5.29086			116.98399
INFIRM GENERATORS						
BARH SG1_INFIRM		64.61518				64.61518
NPGC_INFIRM		21.10331				21.10331
DARLIPALI_U#2_INFIRM		26.14802				26.14802
SOLAR GENERATORS						
TALCHER SOLAR		1.30727				1.30727
TOTAL	7322.26667	7112.00367	395.44196	5.29248	7291.53100	7482.00244

(All figures in Rs. Lakhs)

Payable to the pool(A):		7112.00367
Receivable from the pool(B):		7322.26667
Differential Amount Arising from capping of Generating Stations(A-B)		-210.26300
Additional Deviation Amount:		400.73444

EASTERN REGIONAL POWER COMMITTEE
KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of AUGUST'2020

Generators	SCH(MWH)	ACT(MWH)	DEV(MWH)	DEV CHARGE(Rs.)
CHUKKA HEP	247105.550	329738.690	82633.140	210714507
KURICHHU HEP	11683.500	14134.565	2451.065	5196258
TALA HEP	780641.500	679971.675	-100669.825	-213420029
MANGDECHHU HEP	542495.000	538616.551	-3878.449	-15979210

CONSTITUENTS	CHUKHHA HEP		KIRUCHHI HEP		TALA HEP		MANGDECHHU HEP		Adjusted DEV Charge For CHPC, KHPC, THPC, MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
BSPHCL	29.63	624.34708	0	0.00000	25.50	-544.22107	36.87	-58.91535	21.21066
JUVNL	10.74	226.30738	0	0.00000	11.46	-244.57935	0.00	0.00000	-18.27197
DVC	10.37	218.51094	50	25.98129	5.54	-118.23470	0.00	0.00000	126.25754
GRIDCO	15.19	320.07534	0	0.00000	4.25	-90.70351	10.97	-17.52919	211.84263
SIKKIM	2.22	46.77862	0	0.00000	0.00	0.00000	0.00	0.00000	46.77862
WBSETCL	31.85	671.12570	50	25.98129	38.25	-816.33161	32.14	-51.35718	-170.58180
NR(THPC)	0.00	0.00000	0.00	0.00000	15	-320.13004	0.00	0.00000	-320.13004
NER(MHEP)	0.00	0.00000	0.00	0.00000	0.00	0.00000	20.02	-31.99038	-31.99038
TOTAL	100.00	2107.14507	100.00	51.96258	100.00	-2134.20029	100.00	-159.79210	-134.88474

(+) Means receivable from ER DSM pool

(-) Means Payable to ER DSM Pool

EASTERN REGIONAL POWER COMMITTEE

KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of AUGUST'2020

CONSTITUENTS	NR(TALA HEP)		Adjusted DEV Charge For THPC(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
UTTAR PRADESH	4.41	-94.11823	-94.11823
RAJASTAN	1.47	-31.37274	-31.37274
J & K	1.77	-37.77535	-37.77535
HARYANA	1.47	-31.37274	-31.37274
PUNJAB	2.94	-62.74549	-62.74549
DELHI	2.94	-62.74549	-62.74549
TOTAL	15.00	-320.13004	-320.13004

(+) Means receivable from NR DSM pool

(-) Means Payable to NR DSM Pool

CONSTITUENTS	NER(MANGDECHHU HEP)		Adjusted DEV Charge For MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
ASSAM	20.02	-31.99038	-31.99038
TOTAL	20.02	-31.99038	-31.99038

(+) Means receivable from NER DSM pool

(-) Means Payable to NER DSM Pool

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

- a) **Northern Region:** Pusauli East Bus and ER end of other A.C. Ties
- b) **Western Region :** Ranchi end of Ranchi-Dharamjaygarh 765kV D/C, ER end of Sundergarh-Dharamjaygarh 765kV D/C,
ER end of Sundergarh-Raigarh 400kV Q/C, ER end of Ranchi-Sipat 400kV D/C, Budipadar-Korba 220 kV lines & Budhipadar-Raigarh 220kV D/C Lines
- c) **Southern Region:** Angul end of Angul-Sirkakulam 765kVD/C Lines, Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
- d) **North Eastern Region:** NER end of 220 kV Alipurduar -Salakati D/C ,400 kV Alipurduar Bongaigaon and 400kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2657A) has been used as master frequency meter.

iii) Deviation charges for the week has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation.Notification no. No.L-1/132/2013/ CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015, 4th Amendment order dated 20.11.2018 and 5th Amendment order dated 28.05.2019 have also been incorporated.

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

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

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 drawing 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 drawing 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.
06-09-20	BSPHCL	-1,16,867.081	-1,16,295.305	-10,58,909.34	-4,73,455.16	-3,828.38
	JUVNL	-22,180.102	-22,400.858	-5,77,336.24	-781.30	0.00
	DVC	29,246.046	28,630.654	-6,37,995.18	-12,919.00	0.00
	GRIDCO	-19,753.102	-20,347.419	-3,85,471.91	-86,284.54	0.00
	SIKKIM	-1,077.394	-1,038.068	1,52,866.77	-4,815.10	0.00
	WBSETCL	-48,431.670	-50,863.905	-42,13,862.57	-4,28,670.24	-30,683.68
	NER	-500.071	-11,597.137	-2,30,08,287.02	-1,95,19,467.85	-1,67,295.37
	NR	-51,699.489	-84,089.059	-6,41,89,284.96	-5,31,64,325.96	-19,25,67,854.88
	SR	-44,507.952	-46,054.694	-77,47,653.34	-1,82,67,636.92	-1,52,005.78
	WR	9,926.012	65,621.597	11,52,49,971.23	-17,79,592.80	-8,42,714.51
	FSTPP-I & II	19,305.793	18,674.799	-11,04,727.18	0.00	0.00
	KHSTPP-I	15,890.947	15,339.125	-10,18,789.97	-3,911.52	0.00
	TSTPP	19,073.572	18,672.138	-7,57,890.57	-6,063.97	0.00
	RANGIT	1,314.000	1,261.108	-1,07,688.30	-6,516.61	0.00
	KHSTPP-II	16,218.005	16,154.016	11,320.45	0.00	0.00
	FSTPP-III	9,057.854	8,919.310	-1,89,687.84	0.00	0.00
	DARLIPALI	17,260.003	17,309.791	1,52,691.51	0.00	0.00
	TEESTA	12,168.000	12,442.036	6,49,759.76	0.00	0.00
	MAITHON R/B	14,735.348	14,639.491	1,28,057.06	0.00	0.00
	BARH	22,842.764	22,334.942	-7,77,570.770	0.00	0.00
	NVVN-NEPAL	-1,579.129	-1,842.144	-5,45,827.602	-828.73	0.00
	APNRL	5,893.473	5,738.545	-1,74,714.289	0.00	0.00
	GMRKEL	6,809.250	6,828.727	67,724.433	0.00	0.00
	JITPL	13,512.309	13,488.872	-13,284.40	0.00	0.00
	TPTCL	2,966.410	2,463.118	-9,88,130.52	0.00	0.00
	BRBCL	8,871.942	8,855.709	4,940.825	0.00	0.00
	TALCHER SOLAR	41.100	37.692	-33,269.17	0.00	0.00
	JORETHANG HEP	1,878.877	1,628.896	-4,67,396.33	-58,003.89	-1,651.10
	NPGC	14,093.443	13,691.008	-4,50,254.65	-255.78	-3,917.98
	HVDC SASARAM	-27.025	-20.903	12,605.737	-181.40	0.00
	VAE	2,446.890	0.000	-68,92,944.789	0.00	0.00
	NVVN	-22,279.633	-22,293.527	15,629.278	0.00	0.00
	CHUZACHEN	2,815.782	2,858.160	77,317.127	-2,572.25	0.00
	TUL	29,865.654	29,858.327	1,52,339.504	0.00	0.00
	DIKCHU	2,496.376	2,541.909	1,11,216.301	0.00	0.00
	THEP	1,630.395	1,545.536	-2,06,346.017	-88,187.50	0.00
	HVDC ALIPURDUAR	-23.582	-23.823	-188.759	-50.93	0.00
	BARH SGL_INFIRM	0.000	-178.906	-3,72,289.035	0.00	0.00
	MTPS-II	2,546.986	2,502.984	-78,716.170	0.00	0.00
	NPGC_INFIRM	0.000	-35.772	-75,162.118	0.00	0.00
	DARLIPALI_U#2_INFIRM	0.000	-247.370	-5,15,183.841	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 31/08/20 TO 06-09-20	BSPHCL	-8,05,252.78	-8,16,200.13	-4,69,08,278.07	-1,28,14,638.04	-1,99,948.10
	JUVNL	-1,46,360.12	-1,47,114.09	-49,55,060.66	-17,00,436.72	-32,712.58
	DVC	2,81,870.14	2,80,165.93	-6,54,340.30	-3,76,332.01	-5,929.26
	GRIDCO	-78,049.39	-74,577.99	28,93,138.82	-66,07,003.97	-39,522.23
	SIKKIM	-8,556.66	-8,583.75	1,53,367.37	-1,18,977.16	0.00
	WBSETCL	-3,16,280.67	-3,28,844.62	-3,58,41,259.05	-77,42,720.91	-1,69,809.85
	NER	-56,957.58	-1,53,029.25	-30,02,60,356.00	0.00	0.00
	NR	-4,79,334.76	-5,73,061.32	-23,39,24,787.00	0.00	0.00
	SR	-4,24,997.27	-3,50,212.67	23,24,30,083.00	0.00	0.00
	WR	1,97,827.63	3,74,375.17	48,55,20,781.00	0.00	0.00
	FSTPP-I & II	1,56,275.38	1,49,465.99	-1,77,59,744.46	-51,32,670.54	-30,928.65
	KHSTPP-I	1,00,924.54	97,757.90	-73,46,123.65	-3,51,122.86	-11,381.75
	KHSTPP-II	1,11,434.60	1,10,337.97	-21,23,078.84	-1,52,537.85	-6,969.03
	TSTPP	1,37,450.23	1,36,468.74	-21,18,013.34	-87,994.26	-3,862.41
	FSTPP-III	71,488.38	70,124.36	-30,59,649.55	-2,30,037.78	0.00
	DARLIPALI	47,910.00	46,230.81	-42,36,142.81	-2,39,746.57	0.00
	TEESTA	83,821.50	85,418.25	40,73,727.13	-3,467.55	0.00
	MAITHON R/B	1,31,036.73	1,31,117.56	16,73,692.03	-15,477.17	0.00
	RANGIT	6,683.50	6,603.65	-1,65,946.26	-42,634.28	0.00
	BARH	1,74,064.14	1,71,199.47	-61,10,622.72	-2,25,269.16	-3,837.15
	NVVN-NEPAL	-8,266.33	-10,464.40	-64,39,659.00	-5,91,951.57	0.00
	APNRL	56,333.18	56,908.58	21,17,375.40	-34,371.47	0.00
	GMRKEL	56,520.87	56,761.09	8,71,570.56	-452.69	0.00
	JITPL	91,753.42	91,703.85	-14,664.12	-18,291.99	0.00
	TPTCL	20,769.74	16,229.04	-11,11,69,312.66	-5,29,085.92	0.00
	BRBCL	71,381.20	71,087.42	-5,27,196.20	-18,317.60	0.00
	TALCHER SOLAR	262.70	250.42	-1,30,727.00	0.00	0.00
	JORETHANG HEP	14,296.53	12,166.14	-50,25,545.31	-10,54,022.89	-9,079.68
	NPGC	1,02,116.44	1,01,228.26	-9,15,018.44	-3,184.77	-3,917.98
	HVDC SASARAM	-155.92	-146.19	18,405.00	-2,504.23	0.00
	VAE	-4,774.71	0.00	1,25,32,039.91	0.00	0.00
	NVVN-BD	-1,54,228.98	-1,55,869.45	-55,75,076.00	-4,68,059.00	-1,817.27
	CHUZACHEN	18,470.11	18,343.39	-3,50,894.76	-2,22,437.07	0.00
	TUL	2,06,223.29	2,06,435.27	12,25,622.70	0.00	0.00
	DIKCHU	17,122.17	17,550.00	12,48,904.34	-5,177.89	0.00
	THEP	13,681.01	12,172.86	-34,53,031.39	-7,21,232.35	-9,532.05
	HVDC ALIPURDUAR	-165.34	-189.22	-81,868.00	-9,390.09	0.00
	BARH SGL_INFIRM	0.00	-2,048.76	-64,61,517.56	0.00	0.00
	MTPS-II	23,236.84	22,858.00	-8,67,321.70	-24,650.01	0.00
	NPGC_INFIRM	0.00	-648.41	-21,10,330.73	0.00	0.00
	DARLIPALI_U#2_INFIRM	0.00	-943.31	-26,14,801.71	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: 23/09/2020

RRAS Account for Week: 31-Aug-20 to 06-Sep-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	2280.25000	1878926	5946892	1140125	8965943
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	677.03000	709528	1424472	338514	2472513
4	KHSTPP-II	563.00000	613107	1123748	281499	2018354
5	TSTPP-I	326.75000	313354	662323	163375	1139051
6	BARH	895.16700	1647109	2379355	447583	4474048
7	BRBCL	85.75000	214375	214203	42875	471454
8	MTPS-II	450.34300	1231236	1266363	225172	2722770
9	NPGC	192.50000	488758	387695	96250	972702
10	Darlipali_NTPC	0.00000	0	0	0	0
11	MPL	2579.25000	3670273	7152260	1289625	12112158
	Total	8050.04000	10766666	20557311	4025018	35348993

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	412.74000	1031025	773268
2	MTPS-II	58.33750	164045	123034
3	NPGC	65.50000	131917	98938
4	Darlipali_NTPC	0.00000	0	0
5	FSTPP I & II	0.00000	0	0
6	FSTPP-III	0.00000	0	0
7	KHSTPP-I	181.08602	381005	285754
8	KHSTPP-II	0.00000	0	0
9	TSTPP-I	27.50000	55743	41807
10	BARH	1793.10695	4766078	3574559
11	MPL	479.00000	1328267	996200
	Total	3017.27048	7858079	5893559

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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	2280.25000	342657	BSPHCL
			92236	JUVNL
			372663	GRIDCO
			22461	SIKKIM
			839436	WBSETCL
			3282	NVVN-BD
			13485	ODISHA SOLAR
			8144	TS_TRANSCO
			28173	WB SOLAR
			2117	AR. PRADESH
			30725	ASSAM
			9739	DELHI
			8642	HARYANA
			15834	JK & LADAKH
			1583	MIZORAM
			5512	NAGALAND
22359	RAJASTHAN			
13546	TAMILNADU			
46332	UP			
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	677.03000	367291	GRIDCO
			7819	SIKKIM
			13683	ODISHA SOLAR
			6757	ASSAM
			49334	DELHI
			4751	HARYANA
			59596	JK & LADAKH
			61	NAGALAND
			66048	RAJASTHAN
			134188	UP
4	KHSTPP-II	563.00000	34508	GRIDCO
			11186	ODISHA SOLAR
			28950	ASSAM
			3010	CHATTISGARH
			15098	DELHI
			51172	GUJARAT
			59037	HP
			130783	JK & LADAKH
			9128	MAHARASHTRA
			12592	MP
			147046	RAJASTHAN
110597	UP			
5	TSTPP-I	326.75000	301967	GRIDCO
			10070	ASSAM
			1317	NAGALAND

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KOLKATA-700 033**

6	BARH	895.16700	23370	HVDC_APD
			1146292	BSPHCL
			292966	JUVNL
			184481	SIKKIM
7	BRBCL	85.75000	27617	BSPHCL
			16460	BIHAR_RAILWAYS
			18106	DVC_RAILWAYS
			19835	MAHARASHTRA RAILWAYS
			56693	MP RAILWAYS
			67508	RAILWAYS
			6510	PUNJAB
			1646	RAJASTHAN
8	MTPS-II	450.34300	439932	BSPHCL
			14987	JUVNL
			78922	DVC
			505401	GRIDCO
			191510	WBSETCL
			484	TS_TRANSCO
9	NPGC	192.50000	488758	UP
10	Darlipali_NTPC	0.00000	0	-
11	MPL	2579.25000	2069576	DVC
			326057	TPDDL
			1274640	WBSEDCL
Total		8050.04000	10766666	

A) RRAS settlement account for the week 31-Aug-20 to 06-Sep-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:23/09/2020

AGC Account for Week: 31-Aug-20 to 06-Sep-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 31-Aug-20 to 06-Sep-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-I and the same published in ERPC website as format AS-3.