



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

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



आई एस ओ : 9001-2008
ISO : 9001-2008

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NO: ERPC/COM-II/ABT-DC/182-216

Date: 09.04.2020

To: As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 09.03.2020 to 15.03.2020.

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 30.03.2020.

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.

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.

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

Encl: As above

Yours faithfully,

(J. Bandyopadhyay)
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: 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 09.03.20 TO 15.03.20
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	79.60941		37.21823	0.56313	41.82805	
JUVNL	8.23740		26.82398	0.45011		19.03669
DVC		121.84043	11.36984	0.38017		133.59044
GRIDCO	97.38503		8.35923	0.01967	89.00613	
SIKKIM	21.31563		0.79786	0.00000	20.51777	
WBSETCL		173.59061	18.68554	0.66162		192.93777
HVDC SASARAM	0.86402		0.02164	0.00000	0.84238	
HVDC ALIPURDUAR	1.11061		0.01683	0.00000	1.09378	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II	26.75881		2.09910	0.03689	24.62282	
FSTPP-III	32.27743		0.77558	0.05832	31.44353	
KHSTPP-I		3.16659	0.46787	0.00000		3.63446
KHSTPP-II	8.61009		0.26464	0.00000	8.34545	
TSTPP		6.11229	0.51539	0.01407		6.64175
BARH	15.98413		0.24643	0.00000	15.73770	
MTPS-II		6.46596	0.30345	0.00000		6.76941
BRBCL	9.46292		4.15628	0.04181	5.26483	
TEESTA	18.13977		1.05928	0.00000	17.08048	
RANGIT	0.28710		0.38753	0.00000		0.10043
MAITHON R/B	17.33482		0.68005	0.00000	16.65476	
NPGC		5.89981	0.14396	0.00000		6.04377
DARLIPALI		39.48670	7.52799	0.11685		47.13155
OTHER GENERATORS						
APNRL		26.42883	1.25469	0.00000		27.68352
GMRKEL		27.10561	0.08820	0.00000		27.19380
JITPL		31.23479	8.62422	0.00000		39.85901
CHUZACHEN		0.58555	0.56095	0.00000		1.14650
DIKCHU		0.91703	0.01175	0.00000		0.92879
JORETHANG HEP		1.13372	0.08977	0.00000		1.22349
THEP	0.85615		0.00227	0.00000	0.85388	
TUL	5.86486		2.13538	0.00000	3.72948	
INTER- REGIONAL						
NER	870.24123				870.24123	
NR		1366.14735				1366.14735
SR		664.73248				664.73248
WR	1260.71757				1260.71757	
INTER- NATIONAL						
NVVN-BD		32.46502	24.98473	0.00000		57.44975
NVVN-NEPAL		4.64442	1.86938	0.04004		6.55384
TPTCL		10.79249	0.13020			10.92269
INFIRM GENERATORS						
BARH SG1_INFIRM		28.62311				28.62311
NPGC_INFIRM		5.76074				5.76074
DARLIPALI_INFIRM					0.00000	
SOLAR GENERATORS						
TALCHER SOLAR		1.59984				1.59984
TOTAL	2475.05697	2558.73337	161.67226	2.38266	2407.97985	2655.71118

(All figures in Rs. Lakhs)

Payable to the pool(A):		2558.73337
Receivable from the pool(B):		2475.05697
Differential Amount Arising from capping of Generating Stations(A-B)		83.67640
Additional Deviation Amount:		164.05492

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 $f = 50.10\text{ Hz}$.

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

ERP, 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.
15/03/20	BSPHCL	-65,314.883	-63,719.335	2,381,700.91	-331,089.32	-8,701.47
	JUVNL	-14,870.030	-13,538.018	1,562,497.99	-361,837.29	-7,183.73
	DVC	38,221.802	37,360.210	-1,794,212.55	-113,889.06	0.00
	GRIDCO	-3,955.567	-3,290.767	1,340,223.35	-131,528.51	0.00
	SIKKIM	-1,568.524	-1,364.315	396,762.64	-3,719.13	0.00
	WBSETCL	-31,286.728	-32,443.941	-2,290,007.38	-134,694.55	-13,924.04
	NER	-6,877.284	4,402.067	24,566,348.65	-752,881.37	-246,728.05
	NR	-51,527.675	-65,695.139	-32,930,181.19	-23,470,916.52	-85,618,471.11
	SR	-76,392.927	-81,187.528	-2,168,549.45	-9,282,111.15	-206,914.72
	WR	11,697.322	18,453.669	8,415,084.76	-8,019,483.15	-237,252.84
	FTSTPP-I & II	25,151.691	25,231.899	110,426.84	-28,588.52	0.00
	KHSTPP-I	15,469.353	15,320.194	-216,771.57	0.00	0.00
	TSTPP	19,804.242	19,733.016	-28,964.39	0.00	0.00
	RANGIT	480.250	498.780	44,839.25	-871.07	0.00
	KHSTPP-II	27,791.894	27,855.876	175,654.67	-2,167.82	0.00
	FTSTPP-III	6,857.406	7,138.882	563,030.64	0.00	-1,523.34
	DARLIPALI	11,516.325	11,374.576	-282,675.62	-6,139.20	0.00
	TEESTA	3,411.000	3,525.527	248,551.80	-4,918.02	0.00
	MAITHON R/B	19,254.710	19,258.145	91,496.71	-18,067.48	0.00
	BARH	18,575.154	18,794.165	329,438.023	0.00	0.00
	NVVN-NEPAL	-5,930.400	-5,943.968	38,609.292	-8,981.23	0.00
	APNRL	5,895.991	5,542.109	-540,788.417	0.00	0.00
	GMRKEL	11,310.720	11,132.727	-343,606.077	0.00	0.00
	JITPL	15,612.895	15,693.527	169,409.97	-7,848.85	0.00
	TPTCL	482.194	456.576	-44,745.36	0.00	0.00
	BRBCL	13,865.392	13,999.200	166,818.38	-2,479.77	0.00
	TALCHER SOLAR	49.218	46.092	-29,222.02	0.00	0.00
	JORETHANG HEP	340.271	298.656	-30,133.18	-8,435.66	0.00
	NPGC	14,769.326	14,597.930	-273,255.02	0.00	0.00
	HVDC SASARAM	-26.304	-17.438	19,186.356	-629.36	0.00
	VAE	-2,371.033	0.000	4,460,292.887	0.00	0.00
	NVVN	-14,025.971	-14,129.454	-541,202.453	-446,423.81	0.00
	CHUZACHEN	384.968	384.653	14,411.783	0.00	0.00
	TUL	5,197.137	5,121.382	-137,470.509	-207,359.29	0.00
	DIKCHU	274.876	280.455	16,599.637	0.00	0.00
	THEP	270.184	245.600	-46,803.655	0.00	0.00
	HVDC ALIPURDUAR	-23.198	-15.559	17,739.534	-297.88	0.00
	BARH SGL_INFIRM	0.000	-157.838	-336,144.732	0.00	0.00
	MTPS-II	6,196.971	6,141.596	-122,156.867	-9,290.69	0.00
	NPGC_INFIRM	0.000	-23.494	-50,976.614	0.00	0.00
	DARLIPALI_INFIRM	0.000	0.000	0.000	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 09/03/20 TO 15/03/20	BSPHCL	-422,715.65	-413,048.71	7,960,941.47	-3,721,823.39	-56,312.68
	JUVNL	-110,088.08	-106,633.77	823,739.94	-2,682,397.97	-45,011.11
	DVC	249,954.93	243,671.93	-12,184,043.40	-1,136,983.80	-38,016.91
	GRIDCO	-43,298.82	-37,597.58	9,738,502.93	-835,923.42	-1,966.72
	SIKKIM	-11,910.04	-10,910.44	2,121,563.14	-79,785.73	0.00
	WBSETCL	-216,113.80	-224,107.45	-17,359,061.32	-1,868,554.05	-66,161.77
	NER	-61,789.41	-34,630.59	87,024,123.00	0.00	0.00
	NR	-304,717.84	-357,580.39	-136,614,735.00	0.00	0.00
	SR	-600,326.76	-636,878.61	-66,473,248.00	0.00	0.00
	WR	154,879.16	219,960.62	126,071,757.00	0.00	0.00
	FTSTPP-I & II	178,351.75	179,754.15	2,675,881.22	-209,910.25	-3,688.66
	KHSTPP-I	105,250.99	104,679.36	-316,659.14	-46,786.58	0.00
	KHSTPP-II	193,721.32	193,752.26	861,009.05	-26,463.60	0.00
	TSTPP	130,898.72	130,173.57	-611,229.36	-51,538.94	-1,406.56
	FTSTPP-III	50,268.91	51,931.67	3,227,742.66	-77,558.27	-5,831.62
	DARLIPALI	88,858.98	87,698.90	-3,948,670.49	-752,799.14	-11,685.31
	TEESTA	22,195.50	23,122.04	1,813,976.51	-105,928.11	0.00
	MAITHON R/B	126,117.35	126,599.82	1,733,481.69	-68,005.40	0.00
	RANGIT	3,101.50	3,102.27	28,710.06	-38,753.35	0.00
	BARH	137,928.48	137,619.58	1,598,413.12	-24,643.00	0.00
	NVVN-NEPAL	-36,449.24	-36,611.92	-464,442.00	-186,938.38	-4,003.97
	APNRL	50,785.34	49,074.18	-2,642,883.06	-125,469.07	0.00
	GMRKEL	76,701.20	75,263.42	-2,710,560.78	-8,819.61	0.00
	JITPL	64,584.72	63,166.04	-3,123,478.77	-862,422.06	0.00
	TPTCL	3,375.36	2,808.72	-1,079,248.73	-13,020.30	0.00
	BRBCL	93,851.04	94,561.16	946,291.86	-415,627.93	-4,180.85
	TALCHER SOLAR	311.54	295.04	-159,984.00	0.00	0.00
	JORETHANG HEP	2,441.29	2,226.30	-113,371.99	-8,977.11	0.00
	NPGC	95,092.36	94,547.46	-589,980.96	-14,396.10	0.00
	HVDC SASARAM	-156.43	-128.89	86,402.00	-2,164.41	0.00
	VAE	-15,831.64	0.00	31,701,607.44	0.00	0.00
	NVVN-BD	-88,982.31	-89,262.18	-3,246,502.00	-2,498,472.98	0.00
CHUZACHEN	2,219.29	2,139.81	-58,554.99	-56,094.74	0.00	
TUL	35,777.53	35,629.38	586,485.86	-213,537.95	0.00	
DIKCHU	1,695.71	1,599.73	-91,703.48	-1,175.36	0.00	
THEP	1,854.96	1,840.58	85,615.22	-226.85	0.00	
HVDC ALIPURDUAR	-143.45	-93.19	111,061.00	-1,683.24	0.00	
BARH SGL_INFIRM	0.00	-1,265.00	-2,862,311.32	0.00	0.00	
MTPS-II	43,522.94	43,211.68	-646,595.65	-30,345.16	0.00	
NPGC_INFIRM	0.00	-248.19	-576,073.62	0.00	0.00	
DARLIPALI_INFIRM	0.00	0.00	0.00	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: 09/04/2020

RRAS Account for Week: 09-Mar-20 to 15-Mar-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	4749.29200	3903919	13279021	2374645	19557587
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	3115.30700	3255497	7162092	1557654	11975241
4	KHSTPP-II	3249.95000	3529445	7088141	1624978	12242562
5	TSTPP-I	1228.24000	1174198	2549826	614119	4338144
6	BARH	3354.01200	6154613	9542165	1677006	17373784
7	BRBCL	897.33500	2243338	2106943	448667	4798949
8	Darlipali_NTPC	361.93200	748838	484265	180966	1414070
9	MTPS-II	188.10300	514272	509006	94052	1117329
10	NPGC	1240.43500	3187917	2539170	620218	6347305
	Total	18384.60600	24712037	45260629	9192305	79164971

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	2734.70291	6421082	4815812
2	MTPS-II	7.50000	20295	15221
3	NPGC	67.00000	137149	102862
4	Darlipali_NTPC	0.00000	0	0
5	FSTPP I & II	433.68104	1212572	909429
6	FSTPP-III	9.37500	25725	19294
7	KHSTPP-I	92.14250	211836	158877
8	KHSTPP-II	249.84109	544903	408678
9	TSTPP-I	186.52500	387226	290419
10	BARH	579.77897	1649471	1237103
	Total	4360.54651	10610260	7957695

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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	4749.29200	1115666	BSPHCL
			207457	JUVNL
			1305035	GRIDCO
			67945	SIKKIM
			804678	WBSETCL
			80433	WB SOLAR
			14889	ASSAM
			25361	DELHI
			31039	HARYANA
			11329	J & K
			21116	RAJASTHAN
218971	UP			
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	3115.30700	1216219	BSPHCL
			47974	JUVNL
			845472	GRIDCO
			64398	SIKKIM
			109525	WBSETCL
			17770	WB SOLAR
			2248	ASSAM
			69980	DELHI
			34723	HARYANA
			2133	HVDC_PUSAULI
			11405	J & K
			61630	RAJASTHAN
			772020	UP
4	KHSTPP-II	3249.95000	185883	BSPHCL
			16089	JUVNL
			219493	GRIDCO
			14962	SIKKIM
			8081	WB SOLAR
			15293	ASSAM
			117924	CHATTISGARH
			94844	DELHI
			154958	GUJARAT
			23917	HARYANA
			86519	HP
			47986	J & K
			108689	MP
			24699	PUNJAB
			212708	RAJASTHAN
2077424	UP			
119976	UTTARAKHAND			
5	TSTPP-I	1228.24000	357976	BSPHCL
			27901	JUVNL
			693747	GRIDCO
			14120	SIKKIM
			68402	WBSETCL
			6826	WB SOLAR
5226	DELHI			

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6	BARH	3354.01200	24619	HVDC_APD
			5946219	BSPHCL
			65141	JUVNL
			118634	SIKKIM
7	BRBCL	897.33500	1380606	BSPHCL
			46724	DVC_RAILWAYS
			47654	MAHARASHTRA RAILWAYS
			250992	MP RAILWAYS
			3106	DELHI
			207965	HARYANA
			116576	PUNJAB
			189715	RAJASTHAN
8	Darlipali_NTPC	361.93200	261245	BSPHCL
			358370	JUVNL
			129223	SIKKIM
9	MTPS-II	188.10300	312937	BSPHCL
			129048	GRIDCO
			72287	WBSETCL
10	NPGC	1240.43500	1623901	BSPHCL
			27651	JUVNL
			11610	SIKKIM
			1524755	UP
Total		18384.60600	24712037	

A) RRAS settlement account for the week 09-Mar-20 to 15-Mar-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-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.

AGC Settlement Account by ERPC

Date:09/04/2020

AGC Account for Week: 09-Mar-20 to 15-Mar-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	1713.946875	2464.865625	-750.918750	-2136364	2089406	-46958

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 09-Mar-20 to 15-Mar-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.