



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



आई एस ओ : 9001-2008
ISO : 9001-2008

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NO: ERPC/COM-II/ABT-DC/216-251

Date: 13.04.2020

To: As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 16.03.2020 to 22.03.2020 & RRAS account of MPL from 02.03.2020 to 22.03.2020.

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 31.03.2020.

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, Gongga, 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, 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 POWER COMMITTEE
KOLKATA
ABT based Deviation Charge Account
For the period 16.03.20 TO 22.03.20
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		168.01916	43.49225	0.10741		211.61882
JUVNL	6.66600		9.86363	0.12824		3.32587
DVC		26.16214	4.18279	0.07467		30.41959
GRIDCO	42.41991		30.50532	0.11435	11.80024	
SIKKIM	20.47638		1.57061	0.00000	18.90577	
WBSETCL		194.17961	25.97073	1.40134		221.55168
HVDC SASARAM	0.88072		0.01980	0.00000	0.86092	
HVDC ALIPURDUAR	0.63310		0.04124	0.00000	0.59186	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		35.89607	1.20339	0.03546		37.13492
FSTPP-III	10.73069		0.45658	0.00000	10.27411	
KHSTPP-I		17.27672	1.16787	0.00000		18.44459
KHSTPP-II		3.43049	0.57345	0.00000		4.00394
TSTPP		14.69580	0.11516	0.00000		14.81096
BARH		19.42958	0.76455	0.02863		20.22275
MTPS-II		8.74023	0.32745	0.00000		9.06768
BRBCL	1.38470		1.92649	0.00000		0.54179
TEESTA	20.25763		0.09261	0.00000	20.16502	
RANGIT	0.38498		0.02759	0.00000	0.35738	
MAITHON R/B	7.94695		0.14324	0.00000	7.80371	
NPGC		4.68653	0.30694	0.00000		4.99347
DARLIPALI	5.98439		0.78925	0.00000	5.19514	
OTHER GENERATORS						
APNRL		29.35001	0.19240	0.00000		29.54242
GMRKEL		11.62163	0.08079	0.03873		11.74115
JITPL		30.05124	14.80218	0.00000		44.85342
CHUZACHEN	0.32398		0.01171	0.00000	0.31227	
DIKCHU	0.60278		0.15437	0.00000	0.44841	
JORETHANG HEP		0.35028	0.05238	0.00000		0.40266
THEP		1.03276	0.00194	0.00000		1.03470
TUL	6.57983		0.00220	0.00000	6.57762	
INTER- REGIONAL						
NER	438.78668				438.78668	
NR		1898.60906				1898.60906
SR	826.15518				826.15518	
WR	1282.72179				1282.72179	
INTER- NATIONAL						
NVVN-BD		39.44246	41.93413	0.00000		81.37659
NVVN-NEPAL		10.69274	0.19592	0.00000		10.88866
TPTCL		17.36607	0.25067			17.61674
INFIRM GENERATORS						
BARH SG1_INFIRM		28.44732				28.44732
NPGC_INFIRM		5.20202				5.20202
DARLIPALI_INFIRM					0.00000	
SOLAR GENERATORS						
TALCHER SOLAR		1.60141				1.60141
TOTAL	2672.93568	2566.28332	181.21962	1.92883	2630.95613	2707.45222

(All figures in Rs. Lakhs)

Payable to the pool(A):		2566.28332
Receivable from the pool(B):		2672.93568
Differential Amount Arising from capping of Generating Stations(A-B)		-106.65236
Additional Deviation Amount:		183.14845

**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 $f = 50.10\text{ Hz}$.

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

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.
22/03/20	BSPHCL	-66,767.650	-66,391.062	877,482.00	-961,693.14	0.00
	JUVNL	-14,444.542	-13,415.424	644,528.37	-468,192.04	-677.41
	DVC	35,365.007	34,448.693	-686,639.00	-71,907.87	-1,722.96
	GRIDCO	-3,865.737	-3,281.067	1,197,215.01	-356,400.73	-7,902.54
	SIKIM	-1,627.999	-1,263.605	820,887.03	-108,328.22	0.00
	WBSETCL	-26,761.981	-27,800.683	-2,087,703.59	-1,039,286.45	-19,367.59
	NER	-3,849.960	-13,901.180	-16,295,270.89	-15,984,304.84	-189,050.05
	NR	-29,791.621	-20,229.162	18,725,603.44	-4,842,037.43	-52,431,689.64
	SR	-74,948.622	-72,344.925	-3,926,650.16	-12,229,790.84	-94,274.06
	WR	30,251.491	35,721.732	16,387,433.82	-4,695,012.56	-42,493.28
	FSTPP-I & II	20,292.493	20,664.240	916,697.48	-29,061.12	-2,190.72
	KHSTPP-I	11,967.271	11,913.831	-59,345.69	-98,779.65	0.00
	TSTPP	15,630.016	15,597.444	189,482.30	-8,329.82	0.00
	RANGIT	473.000	444.544	4,998.60	-686.08	0.00
	KHSTPP-II	21,968.273	21,915.244	114,668.32	-33,687.44	0.00
	FSTPP-III	6,678.367	6,850.523	236,540.24	-45,105.12	0.00
	DARLIPALI	10,290.474	10,287.859	-53,758.35	-59,333.97	0.00
	TEESTA	3,033.000	3,164.618	241,497.32	-9,261.00	0.00
	MAITHON R/B	6,728.418	6,747.454	225,471.77	0.00	0.00
	BARH	16,488.909	16,599.600	-292,712.988	-8,783.82	0.00
	NVVN-NEPAL	-5,932.800	-5,984.944	207,203.095	-2,845.37	0.00
	APNRL	8,574.972	8,266.545	-218,353.455	0.00	0.00
	GMRKEL	6,942.940	6,659.563	-335,379.784	-4,276.32	0.00
	JITPL	15,798.706	15,832.654	113,571.87	-8,140.69	0.00
	TPTCL	482.097	369.685	-169,066.98	-10,608.68	0.00
	BRBCL	9,952.757	10,185.891	368,753.683	-38,289.36	0.00
	TALCHER SOLAR	46.230	44.860	-13,348.48	0.00	0.00
	JORETHANG HEP	357.031	344.192	37,741.14	-2,626.19	0.00
	NPGC	10,423.884	10,475.160	362,235.98	-6,974.72	0.00
	HVDC SASARAM	-23.013	-18.454	9,130.501	-1,029.77	0.00
	VAE	5,443.558	0.000	0.000	0.00	0.00
	NVVN	-17,328.927	-17,105.672	-412,034.268	-506,593.20	0.00
	CHUZACHEN	329.961	342.989	27,932.634	-174.55	0.00
	TUL	4,690.266	4,475.491	58,321.559	0.00	0.00
	DIKCHU	494.576	406.727	-135,017.559	-14,358.69	0.00
	THEP	277.060	290.304	58,510.890	-193.95	0.00
	HVDC ALIPURDUAR	-20.347	-13.841	6,884.354	-3,080.93	0.00
	BARH SG1_INFIRM	0.000	-161.366	-316,338.185	0.00	0.00
	MTPS-II	2,407.154	2,402.160	-5,114.428	-4,221.95	0.00
	NPGC_INFIRM	0.000	-23.378	-48,050.940	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 16/03/20 TO 22/03/20	BSPHCL	-477,844.86	-481,794.12	-16,801,915.69	-4,349,225.10	-10,741.31
	JUVNL	-105,948.29	-104,072.54	666,600.50	-986,362.81	-12,823.76
	DVC	291,321.09	288,125.46	-2,616,213.86	-418,278.87	-7,466.56
	GRIDCO	6,905.83	9,373.55	4,241,990.56	-3,050,532.35	-11,434.98
	SIKIM	-11,935.60	-11,139.68	2,047,638.08	-157,060.53	0.00
	WBSETCL	-250,862.14	-261,677.96	-19,417,960.92	-2,597,072.59	-140,133.95
	NER	-54,414.69	-47,513.75	43,878,668.00	0.00	0.00
	NR	-326,740.54	-392,022.32	-189,860,906.00	0.00	0.00
	SR	-634,547.65	-603,779.89	82,615,518.00	0.00	0.00
	WR	176,432.21	235,431.85	128,272,179.00	0.00	0.00
	FSTPP-I & II	194,486.38	192,255.72	-3,589,606.53	-120,339.08	-3,546.33
	KHSTPP-I	115,716.82	114,539.94	-1,727,671.58	-116,787.47	0.00
	KHSTPP-II	208,624.27	207,961.70	-343,049.07	-57,345.16	0.00
	TSTPP	146,287.59	145,188.25	-1,469,579.84	-11,516.34	0.00
	FSTPP-III	57,866.81	58,314.78	1,073,068.92	-45,657.51	0.00
	DARLIPALI	74,043.12	74,257.58	598,439.44	-78,925.08	0.00
	TEESTA	22,700.50	23,525.38	2,025,763.42	-9,261.00	0.00
	MAITHON R/B	69,043.70	69,016.25	794,694.54	-14,323.65	0.00
	RANGIT	3,140.25	3,101.25	38,497.50	-2,759.40	0.00
	BARH	151,879.16	150,090.07	-1,942,957.96	-76,454.54	-2,862.89
	NVVN-NEPAL	-41,529.60	-42,169.66	-1,069,274.00	-19,591.84	0.00
	APNRL	49,158.94	47,173.82	-2,935,001.33	-19,240.33	0.00
	GMRKEL	48,966.66	48,189.38	-1,162,163.00	-8,079.36	-3,873.13
	JITPL	105,632.74	104,266.54	-3,005,124.05	-1,480,217.71	0.00
	TPTCL	3,495.20	2,635.63	-1,736,606.72	-25,067.19	0.00
	BRBCL	89,586.72	89,759.45	138,469.52	-192,648.59	0.00
	TALCHER SOLAR	303.55	287.14	-160,141.00	0.00	0.00
	JORETHANG HEP	2,417.96	2,242.11	-35,028.08	-5,237.74	0.00
	NPGC	98,971.08	98,380.93	-468,653.27	-30,694.14	0.00
	HVDC SASARAM	-165.90	-129.33	88,072.00	-1,979.60	0.00
	VAE	-10,934.51	0.00	17,484,449.15	0.00	0.00
	NVVN-BD	-77,251.34	-76,227.20	-3,944,246.00	-4,193,412.97	0.00
CHUZACHEN	1,979.79	1,983.72	32,398.13	-1,170.71	0.00	
TUL	37,207.11	36,672.22	657,982.56	-220.39	0.00	
DIKCHU	2,479.27	2,454.55	60,278.15	-15,436.65	0.00	
THEP	1,892.21	1,783.78	-103,276.00	-193.95	0.00	
HVDC ALIPURDUAR	-108.80	-78.83	63,310.00	-4,124.16	0.00	
BARH SG1_INFIRM	0.00	-1,167.83	-2,844,732.18	0.00	0.00	
MTPS-II	35,772.81	35,304.62	-874,023.06	-32,745.41	0.00	
NPGC_INFIRM	0.00	-205.55	-520,201.66	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: 13/04/2020

RRAS Account for Week: 16-Mar-20 to 22-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	5180.98500	4258769	14019746	2590491	20869008
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	3606.36800	3768653	8247763	1803183	13819601
4	KHSTPP-II	2180.79200	2368340	4730139	1090396	8188875
5	TSTPP-I	874.92800	836430	1753353	437464	3027249
6	BARH	3429.61000	6293335	10312837	1714805	18320976
7	BRBCL	800.71300	2001781	1955339	400355	4357476
8	MTPS-II	93.00200	254269	257896	46501	558666
9	NPGC	1233.19000	3169298	2568735	616595	6354628
10	Darlipali_NTPC	69.39000	143567	92844	34695	271106
	Total	17468.97800	23094442	43938652	8734485	75767585

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	1662.01000	4058628	3043971
2	MTPS-II	153.74685	426340	319755
3	NPGC	1407.97590	2932814	2199610
4	Darlipali_NTPC	6.74500	9025	6769
5	FSTPP I & II	708.97072	1918475	1438856
6	FSTPP-III	0.00000	0	0
7	KHSTPP-I	358.64750	820227	615170
8	KHSTPP-II	176.10500	381972	286479
9	TSTPP-I	600.27310	1202947	902210
10	BARH	1096.90000	3298378	2473784
	Total	6171.37407	15048806	11286604

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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	5180.98500	444840	BSPHCL
			46711	JUVNL
			2930271	GRIDCO
			55851	SIKKIM
			199991	WBSETCL
			5563	NVVN-BD
			56797	WB SOLAR
			3116	ASSAM
			67297	DELHI
			908	HARYANA
			55884	RAJASTHAN
			391540	UP
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	3606.36800	435782	BSPHCL
			1964815	GRIDCO
			91527	SIKKIM
			64546	WBSETCL
			17639	NVVN-BD
			8651	WB SOLAR
			119406	DELHI
			845	HARYANA
			2422	HVDC_PUSAULI
			42667	RAJASTHAN
			1020353	UP
			4	KHSTPP-II
166605	GRIDCO			
7868	SIKKIM			
1251	NVVN-BD			
6667	WB SOLAR			
92925	CHATTISGARH			
86260	DELHI			
60536	GUJARAT			
284	HARYANA			
76409	HP			
263449	MP			
975	PUNJAB			
86989	RAJASTHAN			
1298492	UP			
186574	UTTARAKHAND			
5	TSTPP-I	874.92800	46998	BSPHCL
			667403	GRIDCO
			17701	SIKKIM
			71041	WBSETCL
			20007	NVVN-BD
			7090	WB SOLAR
6190	DELHI			

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6	BARH	3429.61000	42410	HVDC_APD
			5935705	BSPHCL
			141841	JUVNL
			173379	SIKKIM
7	BRBCL	800.71300	167429	BSPHCL
			221396	BIHAR_RAILWAYS
			62752	DVC_RAILWAYS
			200782	AHARASHTRA RAILWAYS
			521957	MP RAILWAYS
			3645	RAILWAYS
			12359	DELHI
			171114	HARYANA
			210502	PUNJAB
			210393	RAJASTHAN
8	MTPS-II	93.00200	147912	BSPHCL
			58434	GRIDCO
			752	SIKKIM
			47171	WBSETCL
9	NPGC	1233.19000	1233404	BSPHCL
			1300	JUVNL
			7041	SIKKIM
			1927553	UP
10	Darlipali_NTPC	69.39000	74176	BSPHCL
			35154	SIKKIM
			34237	WBSETCL
Total		17468.97800	23094442	

A) RRAS settlement account for the week 16-Mar-20 to 22-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:13/04/2020

AGC Account for Week: 16-Mar-20 to 22-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	2441.362500	3109.500000	-668.137500	-2009089	2775431	766342

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 16-Mar-20 to 22-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.

Format -AS7: RRAS Settlement Account by ERPC(MPL)

Date: 13/04/2020

MPL RRAS Account for Week: 02-Mar-20 to 08-Mar-20

A. Payments to the MPL 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	MPL	2701.75000	3844590	7051568	1350875	12247033
	Total	2701.75000	3844590	7051568	1350875	12247033

B. Payments by MPL 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	MPL	268.75750	701457	526093
	Total	268.75750	701457	526093

C. Reimbursement of Fixed Charges by MPL 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	MPL	2701.75000	3620934	WBSEDCL
			68284	DVC
			155372	TPDDL
			0	KSEB-1
			0	KSEB-2
	Total	2701.75000	3844590	

A) RRAS settlement account for the week 02-Mar-20 to 08-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 MPL has been calculated as per the rates furnished by MPL 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.

Format -AS7: RRAS Settlement Account by ERPC(MPL)

Date: 13/04/2020

MPL RRAS Account for Week: 09-Mar-20 to 15-Mar-20

A. Payments to the MPL 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	MPL	3208.28000	4565382	8373611	1604140	14543133
	Total	3208.28000	4565382	8373611	1604140	14543133

B. Payments by MPL 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	MPL	932.16250	2432944	1824708
	Total	932.16250	2432944	1824708

C. Reimbursement of Fixed Charges by MPL 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	MPL	3208.28000	3830083	WBSEDCL
			99809	DVC
			635490	TPDDL
			0	KSEB-1
			0	KSEB-2
	Total	3208.28000	4565382	

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 MPL has been calculated as per the rates furnished by MPL 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.

Format -AS7: RRAS Settlement Account by ERPC(MPL)

Date: 13/04/2020

MPL RRAS Account for Week: 16-Mar-20 to 22-Mar-20

A. Payments to the MPL 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	MPL	889.50250	1265762	2340281	444751	4050794
	Total	889.50250	1265762	2340281	444751	4050794

B. Payments by MPL 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	MPL	826.51750	2174568	1630926
	Total	826.51750	2174568	1630926

C. Reimbursement of Fixed Charges by MPL 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	MPL	889.50250	694663	WBSEDCL
			110386	DVC
			460713	TPDDL
			0	KSEB-1
			0	KSEB-2
	Total	889.50250	1265762	

A) RRAS settlement account for the week 16-Mar-20 to 22-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 MPL has been calculated as per the rates furnished by MPL 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.