



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

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NO: ERPC/COM-II/ABT-DC/720-754

Date: 04.05.2020

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 13.04.2020 to 19.04.2020 & RRAS Account of MPL from 23.03.2020 to 19.04.2020.**

Sir,

Statement of Deviation charges for the week has been prepared as per CERC(DSM & Related matters) regulation,2014 & all amendments(including 5<sup>th</sup> 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 28.04.2020.*  
दिनांक -28.04.2020 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,

(J. Bandyopadhyay)

सदस्यसचिव / MEMBER SECRETARY

## List of Addressee

1. CE (Trans/O&M), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSPHCL, Vidyut Bhavan, 3<sup>rd</sup> 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, 4<sup>th</sup> 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, 2<sup>nd</sup> floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 ,2211807 )
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa ( Jharkhand) – 832 105 ( FAX: 0657 – 6628440)
18. AGM(Comml.), ER-I, Powergrid, Patna ( Fax: 0612 2227630 )
19. AGM(Comml.), ER-II, Powergrid, Kolkata (Fax NO. 033 2357 2827)
20. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
21. ED, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
22. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
23. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
24. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
25. GM, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill:Sahajbahal P.O: Charpali-Barpali, Dist:Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneshwar- 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, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> 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 13.04.20 TO 19.04.20**  
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
<b>BENEFICIARIES OF EASTERN REGION</b>						
BSPHCL		85.92472	25.27279	0.64029		111.83780
JUVNL		197.26508	33.42455	1.75624		232.44587
DVC		78.48318	11.27251	0.13481		89.89050
GRIDCO		16.94793	35.16811	0.17794		52.29397
SIKKIM	18.49958		1.00455	0.00000	17.49503	
WBSETCL		225.39115	39.78232	0.76545		265.93892
HVDC SASARAM	0.90573		0.00808	0.00000	0.89765	
HVDC ALIPURDUAR		0.05795	0.00853	0.00000		0.06648
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
FSTPP-I & II		13.23092	1.04140	0.03718		14.30951
FSTPP-III	10.69519		0.05534	0.00000	10.63985	
KHSTPP-I		10.80146	0.63927	0.00000		11.44073
KHSTPP-II		32.02848	2.44741	0.00000		34.47589
TSTPP		4.49640	0.51777	0.00000		5.01417
BARH		10.14476	0.27701	0.00000		10.42177
MTPS-II		4.28835	0.19066	0.00000		4.47901
BRBCL		37.52072	3.72348	0.05784		41.30203
TEESTA	36.27343		0.10266	0.00000	36.17077	
RANGIT	3.32780		0.05210	0.00000	3.27570	
MAITHON R/B	16.38624		0.03102	0.00000	16.35522	
NPGC		14.80314	0.50890	0.00000		15.31203
DARLIPALI		50.22954	1.33427	0.01885		51.58266
<b>OTHER GENERATORS</b>						
APNRL		34.60288	0.02158	0.00000		34.62446
GMRKEL		2.37850	0.12880	0.00000		2.50730
JITPL		15.08058	6.39797	0.00000		21.47855
CHUZACHEN	5.72525		0.30682	0.00000	5.41843	
DIKCHU	12.49306		0.40951	0.03346	12.05009	
JORETHANG HEP	3.99277		0.01870	0.00000	3.97407	
THEP		0.07408	0.00645	0.00000		0.08053
TUL	18.41250		0.02099	0.03500	18.35651	
<b>INTER- REGIONAL</b>						
NER	2378.00412				2378.00412	
NR		2743.88325				2743.88325
SR	1071.41114				1071.41114	
WR		50.53965				50.53965
<b>INTER- NATIONAL</b>						
NVVN-BD		34.31185	16.38755	0.00000		50.69940
NVVN-NEPAL	63.43183		2.33077	0.52449	60.57657	
TPTCL		33.00503	0.47386			33.47889
<b>INFIRM GENERATORS</b>						
BARH SG1_INFIRM		25.74592				25.74592
NPGC_INFIRM		4.69132				4.69132
DARLIPALI_INFIRM					0.00000	
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR		1.36082				1.36082
<b>TOTAL</b>	<b>3639.55864</b>	<b>3727.28766</b>	<b>183.36571</b>	<b>4.18155</b>	<b>3634.62515</b>	<b>3909.90142</b>

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>		<b>3727.28766</b>
<b>Receivable from the pool(B):</b>		<b>3639.55864</b>
<b>Differential Amount Arising from capping of Generating Stations(A-B)</b>		<b>87.72902</b>
<b>Additional Deviation Amount:</b>		<b>187.54725</b>

**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**





**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.
19/04/20	BSPHCL	-80,515.494	-80,477.864	-847,314.37	-407,587.03	0.00
	JUVNL	-17,937.299	-17,509.306	656,613.04	-55,041.99	-11,680.50
	DVC	23,801.514	23,113.574	-2,071,157.50	-88,404.58	0.00
	GRIDCO	-3,070.425	-4,693.042	-2,156,694.74	-959,118.38	-3,317.03
	SIKKIM	-1,344.726	-1,138.517	410,308.00	-35,216.02	0.00
	WBSETCL	-33,561.464	-33,808.659	438,817.62	-189,900.99	0.00
	NER	4,371.815	20,318.736	32,089,381.95	-1,056,945.92	-324,702.02
	NR	-26,005.054	-47,866.584	-38,520,997.35	-31,611,566.76	-100,154,593.11
	SR	-81,658.304	-79,160.119	-1,694,866.31	-10,283,576.07	-235,692.29
	WR	13,376.790	17,620.867	6,086,526.35	-6,625,201.39	-131,453.93
	FSTPP-I & II	19,926.132	19,883.916	41,607.94	0.00	0.00
	KHSTPP-I	14,035.253	13,904.487	-98,511.51	-9,721.22	0.00
	TSSTPP	18,445.023	18,434.429	72,020.42	0.00	0.00
	RANGIT	723.000	737.341	15,207.13	-1,846.22	0.00
	KHSTPP-II	24,947.821	24,760.671	-201,731.33	-2,104.16	0.00
	FSTPP-III	7,221.076	7,256.447	107,710.74	-5,533.75	0.00
	DARLIPALI	14,040.043	13,444.110	-1,040,306.03	0.00	-1,884.82
	TEESTA	10,540.000	10,819.636	613,217.78	-443.78	0.00
	MAITHON R/B	14,504.903	14,513.200	190,194.46	0.00	0.00
	BARH	8,190.777	8,092.030	-186,758.535	-297.62	0.00
	NVVN-NEPAL	-704.880	-759.728	-192,897.920	-62,102.04	0.00
	APNRL	5,564.898	5,203.418	-405,688.343	0.00	0.00
	GMRKEL	7,073.750	7,006.763	-69,084.822	-2,806.92	0.00
	JITPL	22,615.682	22,572.945	-28,079.95	-1,853.17	0.00
	TPTCL	602.258	440.755	-262,110.83	0.00	0.00
	BRBCL	8,467.216	8,288.509	-381,427.958	-90,406.69	0.00
	TALCHER SOLAR	44.813	41.112	-35,086.30	0.00	0.00
	JORETHANG HEP	449.773	551.392	276,890.07	-1,242.80	0.00
	NPGC	11,800.954	11,774.875	-3,817.08	-5,131.53	0.00
	HVDC SASARAM	-23.054	-19.005	8,454.561	-289.67	0.00
	VAE	-2,580.228	0.000	3,401,231.162	0.00	0.00
	NVVN	-13,417.079	-13,480.945	-60,443.947	-203,909.28	0.00
	CHUZACHEN	1,157.270	1,295.462	225,278.209	-30,303.83	0.00
	TUL	14,416.088	14,904.873	1,341,544.588	0.00	-3,500.11
	DIKCHU	824.810	1,704.273	1,517,298.008	-37,895.60	-3,345.96
	THEP	440.353	483.264	121,089.823	0.00	0.00
	HVDC ALIPURDUAR	-13.541	-15.377	-4,544.188	-56.39	0.00
	BARH SGL_INFIRM	0.000	-132.322	-262,946.269	0.00	0.00
	MTPS-II	3,064.760	3,028.628	-82,872.587	-6,901.43	0.00
	NPGC_INFIRM	0.000	-27.857	-55,298.156	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 13/04/20 TO 19/04/20	BSPHCL	-573,204.99	-572,132.58	-8,592,472.15	-2,527,278.70	-64,028.80
	JUVNL	-117,413.55	-123,773.47	-19,726,508.24	-3,342,455.11	-175,623.67
	DVC	183,935.58	179,856.34	-7,848,318.20	-1,127,250.86	-13,481.41
	GRIDCO	-43,458.94	-43,041.23	-1,694,793.15	-3,516,810.57	-17,793.91
	SIKKIM	-10,400.55	-9,658.91	1,849,057.92	-100,454.73	0.00
	WBSETCL	-256,576.93	-265,688.01	-22,539,115.06	-3,978,232.50	-76,544.80
	NER	11,621.99	109,349.43	237,800,412.00	0.00	0.00
	NR	-186,724.48	-301,364.47	-274,388,325.00	0.00	0.00
	SR	-542,626.47	-498,137.02	107,141,114.00	0.00	0.00
	WR	194,148.88	192,139.13	-5,053,965.00	0.00	0.00
	FSTPP-I & II	151,927.45	151,030.66	-1,323,092.36	-104,139.81	-3,718.50
	KHSTPP-I	105,069.67	104,450.46	-1,080,146.15	-63,927.18	0.00
	KHSTPP-II	190,339.76	188,977.27	-3,202,848.14	-244,740.64	0.00
	TSSTPP	114,191.50	113,727.98	-449,640.09	-51,776.88	0.00
	FSTPP-III	57,549.93	57,800.30	1,069,518.86	-5,533.75	0.00
	DARLIPALI	88,829.27	86,333.17	-5,022,954.06	-133,426.81	-1,884.82
	TEESTA	44,230.00	45,804.65	3,627,342.90	-10,265.75	0.00
	MAITHON R/B	123,596.30	123,972.62	1,638,623.63	-3,101.97	0.00
	RANGIT	3,929.50	4,051.49	332,780.30	-5,209.95	0.00
	BARH	63,449.00	62,877.90	-1,014,476.11	-27,701.12	0.00
	NVVN-NEPAL	-16,585.72	-12,267.04	6,343,183.00	-233,077.42	-52,448.99
	APNRL	40,779.29	38,402.04	-3,460,288.03	-2,157.89	0.00
	GMRKEL	48,516.09	48,201.31	-237,849.57	-12,880.25	0.00
	JITPL	108,868.98	108,045.38	-1,508,058.40	-639,796.77	0.00
	TPTCL	4,215.81	2,593.62	-3,300,502.73	-47,386.43	0.00
	BRBCL	62,024.65	60,614.89	-3,752,071.87	-372,347.59	-5,783.53
	TALCHER SOLAR	291.79	277.32	-136,082.00	0.00	0.00
	JORETHANG HEP	2,812.75	2,890.27	399,277.37	-1,870.44	0.00
	NPGC	92,564.52	91,707.81	-1,480,313.89	-50,889.60	0.00
	HVDC SASARAM	-170.58	-133.78	90,573.00	-808.16	0.00
	VAE	-15,622.36	0.00	27,416,377.16	0.00	0.00
	NVVN-BD	-82,950.09	-83,471.42	-3,431,185.00	-1,638,754.54	0.00
	CHUZACHEN	4,938.65	5,237.74	572,525.40	-30,682.02	0.00
TUL	73,900.66	74,034.11	1,841,249.75	-2,098.67	-3,500.11	
DIKCHU	4,289.01	5,035.45	1,249,305.73	-40,951.08	-3,345.96	
THEP	2,870.08	2,816.42	-7,407.95	-644.62	0.00	
HVDC ALIPURDUAR	-92.67	-96.69	-5,795.00	-853.13	0.00	
BARH SGL_INFIRM	0.00	-1,061.70	-2,574,591.65	0.00	0.00	
MTPS-II	21,229.52	21,036.59	-428,835.47	-19,065.69	0.00	
NPGC_INFIRM	0.00	-188.94	-469,131.76	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: 04/05/2020

RRAS Account for Week: 13-Apr-20 to 19-Apr-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	1580.69800	1299333	4304065	790348	6393746
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	2845.52800	2973578	6457174	1422762	10853516
4	KHSTPP-II	3330.28500	3616689	7172758	1665140	12454589
5	TSTPP-I	3210.64200	3069374	6689576	1605321	11364271
6	BARH	231.52000	424839	705368	115761	1245967
7	BRBCL	4942.37500	12355937	12047132	2471189	26874257
8	MTPS-II	181.29500	495661	487919	90648	1074228
9	NPGC	874.94000	2248596	1835107	437470	4521173
10	Darlipali_NTPC	158.81000	328577	188508	79405	596490
	Total	17356.09300	26812584	39887607	8678044	75378237

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	460.49006	1120478	840359
2	MTPS-II	322.05750	857723	643292
3	NPGC	1945.60070	4119969	3089976
4	Darlipali_NTPC	0.00000	0	0
5	FSTPP I & II	592.52250	1625374	1219030
6	FSTPP-III	0.00000	0	0
7	KHSTPP-I	601.66557	1362163	1021622
8	KHSTPP-II	0.00000	0	0
9	TSTPP-I	760.57250	1584376	1188282
10	BARH	1318.65552	4228164	3171123
	Total	6001.56436	14898247	11173685



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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	1580.69800	185890	BSPHCL
			58688	JUVNL
			668622	GRIDCO
			49475	SIKKIM
			155438	WBSETCL
			26265	ODISHA SOLAR
			10354	WB SOLAR
			21819	ASSAM
			30041	DELHI
			6200	HARYANA
			1120	J & K
			7860	NAGALAND
			39765	RAJASTHAN
37796	UP			
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	2845.52800	341971	BSPHCL
			1508527	GRIDCO
			142953	SIKKIM
			38540	WBSETCL
			63414	ODISHA SOLAR
			2004	TS_TRANSCO
			7288	WB SOLAR
			56797	ASSAM
			167268	DELHI
			62833	HARYANA
			1651	HVDC_PUSAULI
			63472	J & K
			4310	NAGALAND
155413	RAJASTHAN			
357137	UP			
4	KHSTPP-II	3330.28500	42347	BSPHCL
			192793	GRIDCO
			24462	SIKKIM
			60320	ODISHA SOLAR
			7198	WB SOLAR
			168184	ASSAM
			314222	CHATTISGARH
			22328	DAMAN & DIU
			267694	DELHI
			70669	GUJARAT
			148683	HARYANA
			176112	HP
			129241	J & K
6304	MP			
497276	PUNJAB			
423277	RAJASTHAN			
838181	UP			
227398	UTTARAKHAND			
5	TSTPP-I	3210.64200	208434	BSPHCL
			2656673	GRIDCO
			47485	SIKKIM
			87742	WBSETCL
			46249	ODISHA SOLAR
			8091	WB SOLAR
			8742	DELHI
5958	NAGALAND			

EASTERN REGIONAL POWER COMMITTEE  
KOLKATA-700 033

6	BARH	231.52000	1029	HVDC_APD
			384956	BSPHCL
			29344	JUVNL
			8564	SIKKIM
			946	TS_TRANSCO
7	BRBCL	4942.37500	854848	BSPHCL
			1197622	BIHAR_RAILWAYS
			1141653	DVC_RAILWAYS
			2691343	AHARASHTRA RAILWAYS
			1520769	MP RAILWAYS
			1677731	RAILWAYS
			57363	DELHI
			303971	HARYANA
			800255	PUNJAB
			273003	RAJASTHAN
8	MTPS-II	181.29500	1837379	UP
			325827	BSPHCL
			14429	JUVNL
			18296	DVC
			69972	GRIDCO
			2845	SIKKIM
			63405	WBSETCL
9	NPGC	874.94000	887	TS_TRANSCO
			846113	BSPHCL
			12210	SIKKIM
10	Darlipali_NTPC	158.81000	1390273	UP
			113247	SIKKIM
			215330	WBSETCL
	<b>Total</b>	<b>17356.09300</b>	<b>26812584</b>	

A) RRAS settlement account for the week 13-Apr-20 to 19-Apr-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:04/05/2020

AGC Account for Week: 13-Apr-20 to 19-Apr-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 13-Apr-20 to 19-Apr-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: 04/05/2020

## MPL RRAS Account for Week: 23-Mar-20 to 29-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	69.85000	99397	183775	34925	318097
	<b>Total</b>	<b>69.85000</b>	<b>99397</b>	<b>183775</b>	<b>34925</b>	<b>318097</b>

## 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	2912.33000	7662340	5746755
	<b>Total</b>	<b>2912.33000</b>	<b>7662340</b>	<b>5746755</b>

## 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	69.85000	59876	WBSEDCL
			6902	DVC
			32619	TPDDL
			0	KSEB-1
			0	KSEB-2
	<b>Total</b>	<b>69.85000</b>	<b>99397</b>	

A) RRAS settlement account for the week 23-Mar-20 to 29-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: 04/05/2020

## MPL RRAS Account for Week: 30-Mar-20 to 05-Apr-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	1681.87500	2393308	4425013	840938	7659259
	<b>Total</b>	<b>1681.87500</b>	<b>2393308</b>	<b>4425013</b>	<b>840938</b>	<b>7659259</b>

## 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	1356.19750	3568156	2676117
	<b>Total</b>	<b>1356.19750</b>	<b>3568156</b>	<b>2676117</b>

## 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	1681.87500	268254	WBSEDCL
			613806	DVC
			1370732	TPDDL
			70258	KSEB-1
			70258	KSEB-2
	<b>Total</b>	<b>1681.87500</b>	<b>2393308</b>	

A) RRAS settlement account for the week 30-Mar-20 to 05-Apr-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: 04/05/2020

## MPL RRAS Account for Week: 06-Apr-20 to 12-Apr-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	4140.68500	5892195	10894142	2070343	18856679
	<b>Total</b>	<b>4140.68500</b>	<b>5892195</b>	<b>10894142</b>	<b>2070343</b>	<b>18856679</b>

## 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	235.25000	618943	464207
	<b>Total</b>	<b>235.25000</b>	<b>618943</b>	<b>464207</b>

## 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	4140.68500	641963	WBSEDCL
			2119045	DVC
			1929861	TPDDL
			600663	KSEB-1
			600663	KSEB-2
	<b>Total</b>	<b>4140.68500</b>	<b>5892195</b>	

A) RRAS settlement account for the week 06-Apr-20 to 12-Apr-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: 04/05/2020

## MPL RRAS Account for Week: 13-Apr-20 to 19-Apr-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	4838.07000	6884574	12749405	2419035	22053014
	<b>Total</b>	<b>4838.07000</b>	<b>6884574</b>	<b>12749405</b>	<b>2419035</b>	<b>22053014</b>

## 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	164.06500	433540	325155
	<b>Total</b>	<b>164.06500</b>	<b>433540</b>	<b>325155</b>

## 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	4838.07000	1304330	WBSEDCL
			3887803	DVC
			695723	TPDDL
			498359	KSEB-1
			498359	KSEB-2
	<b>Total</b>	<b>4838.07000</b>	<b>6884574</b>	

A) RRAS settlement account for the week 13-Apr-20 to 19-Apr-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.