



सत्यमेव जयते

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/ 2184-2218

Date: 30.05.2019

To
As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS, FRAS & SCED Settlement Account for the period from 06.05.2019 to 12.05.2019.

Sir,

Statement of Deviation charges for the week has been prepared as per CERC(DSM & Related matters) regulation,2014 & all amendments(including 4th Amendment regulation,2018 dated 20.11.2018)

RRAS Settlement Account for the week has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC.FRAS Settlement Account for the week has been prepared based on the CERC order in petition No.07/SM/2018/Suo-Motu, dated 16.07.2018.

SCED Settlement Account for the week has been prepared based on the CERC order in petition No. 02/SM/2019/Suo-Motu dated 31.01.2019 & Detailed Procedure for SCED approved by CERC.

The last installment of data for the subjected week has been received from ERLDC on 29.05.2019.

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 providers beyond 12/17 days of the issuance date, the RRAS 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: 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, 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 06.05.19 TO 12.05.19
AS PER 4TH AMENDMENT OF DSM, 2018 W.E.F. 01/01/2019

(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		340.63891	97.46177	134.63708		572.73776
JUVNL		192.86750	45.21446	202.25093		440.33289
DVC		180.97073	45.13473	290.77508		516.88054
GRIDCO		53.53512	59.22693	98.57949		211.34155
SIKKIM	22.42688		5.76051	9.20961	7.45677	
WBSETCL		435.72982	70.33831	233.66722		739.73535
HVDC SASARAM		0.50804	0.08358	1.11288		1.70450
HVDC ALIPURDUAR		2.09755	0.24020	6.10273		8.44048
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		101.94011	8.65770	32.35664		142.95446
FSTPP-III		18.23292	2.39463	0.52379		21.15134
KHSTPP-I		18.01668	4.93720	2.24815		25.20202
KHSTPP-II		29.31401	1.91355	29.17382		60.40138
TSTPP		6.15029	1.34118	1.23479		8.72626
BARH		28.42374	1.76554	5.42391		35.61319
MTPS-II		19.84713	1.58650	5.40810		26.84173
BRBCL	7.01656	7.23337	5.39103	10.35421		22.97861
TEESTA			6.08288	11.68862		10.75494
RANGIT		6.06615	1.27249	21.82298		29.16163
MAITHON R/B		10.65233	8.96618	8.41308		28.03159
OTHER GENERATORS						
APNRL		9.06406	0.49220	2.18454		11.74080
GMRKEL		89.80397	3.50456	2.39697		95.70550
JITPL		39.85269	28.04130	53.26795		121.16194
CHUZACHEN		5.45314	3.10170	2.28538		10.84021
DIKCHU		5.22511	4.78214	3.14408		13.15133
JORETHANG HEP		20.58470	1.73190	2.25325		24.56986
THEP		25.64825	2.72947	0.38531		28.76303
TUL	8.96648		0.22754	0.00000	8.73894	
INTER- REGIONAL						
NER		1886.11307				1886.11307
NR		1334.96714				1334.96714
SR		3626.93754				3626.93754
WR	8448.99576				8448.99576	
INTER- NATIONAL						
NVVN-BD		41.26403	4.45213	123.79210		169.50827
NVVN-NEPAL		14.79009	4.36109	4.05025		23.20142
TPTCL		37.37994	1.91428			39.29422
INFIRM GENERATORS						
OPGC_INFIRM	279.17768				279.17768	
NPGC_INFIRM		53.94381				53.94381
DARLIPALI_INFIRM		47.57958				47.57958
BRBCL U-III INFIRM		0.00000				
SOLAR GENERATORS						
TALCHER SOLAR		0.17510				0.17510
TOTAL	8766.58336	8691.00661	423.10770	1298.74293	8744.36914	10390.64302

(All figures in Rs. Lakhs)

Payable to the pool(A):		8691.00661
Receivable from the pool(B):		8766.58336
Differential Amount Arising from capping of Generating Stations(A-B)		-75.57675
Additional Deviation Amount:		1721.85063
VAE of Eastern Region:		93.88346

**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 and 4th Amendment order dated 20.11.2018 have also been incorporated.

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

v) For computing cap rate of CERC regulated generators, ECR data from AS-1/AS-3 format has been used as per clarification of NLDC vide letter no. POSOCO/NLDC/2018/381

dated 31.12.2018

vi) The Cap rate for all other generators has been fixed at 303.04 paisa/kwh as per DSM 4th amendment'2018

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 $f \geq 50.05\text{ Hz}$.

viii) CHPC, KHPC and THPC are not covered under ABT. Hence Deviation energy (MWh) of these stations have been adjusted

by giving credits/debits to ER beneficiaries as per their shares from these stations.

ix) ER-NR tie schedule has been modified to the extent of 15% of deviation energy of TALA HEP (after incorporating ER transmission loss of % during the above week).

x) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.

xi) As informed by ERLDC OPGC (2*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.

xii) 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

xiii) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.

xiv) As informed by ERLDC BRBCL Unit-3 started drawl of Start up power wef 14.09.2018.

xv) 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.

xvi)As per decision taken in 40th TCC & 40th ERPC meeting, ADC due to Sign change violation will not be applicable for Schedule is zero and generators drawing power from grid.

This shall be implemented w.e.f. 01.01.2019.

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.
12-05-19	BSPHCL	-1,00,529.958	-1,01,428.341	-37,96,049.67	-9,20,077.68	-7,59,209.93
	JUVNL	-18,335.410	-19,007.049	-28,49,622.64	-5,92,805.18	-51,29,320.74
	DVC	44,788.772	44,357.265	-8,38,962.21	-45,234.10	-3,35,584.88
	GRIDCO	-27,139.902	-27,653.651	4,84,928.16	-1,29,879.99	-3,87,942.53
	SIKIM	-1,135.622	-1,046.474	3,37,502.56	-42,209.57	-67,500.51
	WBSETCL	-58,862.720	-59,729.707	-28,20,681.52	-4,95,212.89	-5,64,136.30
	NER	10,133.258	3,992.954	-1,65,01,147.12	-1,08,98,147.05	-4,95,03,441.35
	NR	-52,373.020	-61,566.279	-2,42,32,400.43	-1,60,31,581.64	-5,81,57,761.03
	SR	-49,231.460	-53,214.825	85,56,701.13	-1,23,10,811.12	-2,05,36,082.71
	WR	33,782.106	55,362.186	5,31,30,411.42	-1,41,26,326.50	-13,81,39,069.70
	FSTPP-I & II	30,654.045	30,314.373	-6,06,803.11	-77,655.27	-1,21,360.62
	KHSTPP-I	16,307.912	16,088.079	-4,18,369.87	-62,420.12	0.00
	TSPPP	18,922.728	18,892.012	-19,139.45	-17,310.06	-3,827.89
	RANGIT	880.000	891.432	25,274.05	-7,446.64	0.00
	CHPC	1,792.158	4,549.856	70,32,131.11	0.00	0.00
	KHPC	720.000	736.376	34,717.97	0.00	0.00
	THPC	9,243.285	6,026.064	-68,20,508.66	0.00	0.00
	KHSTPP-II	21,894.614	21,533.463	-6,15,942.12	-38,658.32	-4,92,753.70
	FSTPP-III	9,783.219	9,690.644	-1,87,007.74	-33,764.73	0.00
	TEESTA	11,663.000	11,873.273	2,50,288.63	-18,213.95	-50,057.73
	MAITHON R/B	21,768.865	21,767.309	69,978.81	-25,715.51	0.00
	BARH	29,439.735	29,204.509	-3,38,811.690	-331.16	0.00
	NVVN-NEPAL	-5,357.880	-5,382.432	-82,972.162	-66,404.73	-33,188.86
	APNRL	7,624.930	7,471.709	-1,11,936.151	-2,235.83	-62,387.23
	GMRKEL	14,273.137	13,551.200	-15,82,386.452	-30,628.69	0.00
	JITPL	9,732.315	9,718.109	-13,778.05	-6,717.69	-2,755.61
	TPTCL	554.161	420.148	-2,90,632.98	-4,243.00	0.00
	BRBCL	10,887.381	10,854.473	-40,967.192	-3,513.18	-40,967.19
	TALCHER SOLAR	41.983	41.583	-23,200.03	0.00	0.00
	JORETHANG HEP	682.592	592.256	-1,40,899.84	-3,481.54	0.00
	IND Barath	0.000	0.000	0.00	0.00	0.00
	HVDC SASARAM	-20.528	-22.036	-4,831.154	-226.00	-7,729.85
	VAE	289.703	0.000	-7,39,536.729	0.00	0.00
	NVVN	-22,592.529	-22,871.418	-7,66,247.266	-25,188.18	-22,98,741.80
	CHUZACHEN	1,420.863	1,298.581	-82,523.029	-1,11,644.24	-82,523.03
	TUL	24,225.909	24,232.291	1,46,635.307	0.00	0.00
	DIKCHU	1,748.085	2,191.273	11,04,913.213	-54,446.86	0.00
	THEP	741.030	807.424	2,10,768.994	-17,047.69	0.00
	HVDC ALIPURDUAR	-13.817	-22.072	-23,879.968	-610.28	-71,639.91
	OPGC_INFIRM	0.000	5,473.454	84,05,344.095	0.00	0.00
	MTPS-II	6,065.400	5,986.892	-1,83,776.620	-15,606.69	0.00
	NPGC_INFIRM	0.000	-278.727	-8,07,928.749	0.00	0.00
	DARLIPALI_INFIRM	0.000	-212.670	-5,98,096.629	0.00	0.00
	BRBCL U-III 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)	DEVIATION CHARGE AFTER ADJ OF THPC,CHPC & KHPC(IN RS)	ADDITIONAL DEVIATION CHARGE (Block wise Volume Limit) (IN RS)	ADDITIONAL DEVIATION CHARGE (Sign Change Violation) (IN RS)
FOR THE WEEK 06-05-19 TO 12-05-19	BSPHCL	-6,71,495.08	-6,75,674.73	-2,06,75,670.17	-3,40,63,891.00	-97,46,177.33	-1,34,63,707.69
	JUVNL	-1,21,309.32	-1,24,374.81	-1,28,64,092.47	-1,92,86,750.00	-45,21,446.34	-2,02,25,092.76
	DVC	3,26,836.61	3,19,969.93	-1,96,37,950.41	-1,80,97,073.00	-45,13,472.93	-2,90,77,507.86
	GRIDCO	-1,165,206.68	-1,169,501.15	-47,35,687.05	-53,52,312.00	-59,22,693.38	-98,57,949.35
	SIKIM	-10,086.00	-9,488.47	18,96,703.35	22,42,688.00	-5,76,050.78	-9,20,960.64
	WBSETCL	-4,17,689.08	-4,25,853.91	-2,53,38,922.76	-4,35,72,982.00	-70,33,830.79	-2,33,66,722.06
	NER	79,939.65	28,231.01	-18,86,11,307.00	-18,86,11,307.00	0.00	0.00
	NR	-44,490.49	-49,980.04	-13,34,96,714.00	-13,34,96,714.00	0.00	0.00
	SR	-3,65,325.90	-3,65,358.60	-36,26,93,754.00	-36,26,93,754.00	0.00	0.00
	WR	1,27,412.74	3,77,999.07	84,48,99,576.00	84,48,99,576.00	0.00	0.00
	FSTPP-I & II	2,16,178.26	2,10,883.21	-1,01,94,010.63	-1,01,94,010.63	-8,65,770.43	-32,35,664.50
	KHSTPP-I	1,14,207.94	1,13,253.17	-18,01,667.82	-18,01,667.82	-4,93,719.70	-2,24,814.54
	KHSTPP-II	1,53,075.06	1,51,398.82	-29,31,400.60	-29,31,400.60	-1,91,354.70	-29,17,382.27
	TSPPP	1,47,050.66	1,46,494.49	-6,15,028.80	-6,15,028.80	-1,34,118.42	-1,23,478.54
	FSTPP-III	70,466.34	69,562.56	-18,23,292.24	-18,23,292.24	-2,39,463.31	-52,378.58
	TEESTA	79,785.50	80,137.31	7,01,656.21	7,01,656.21	-6,08,288.02	-11,68,862.02
	MAITHON R/B	1,55,273.09	1,54,500.22	-10,65,233.25	-10,65,233.25	-8,96,617.76	-8,41,308.02
	RANGIT	6,836.50	6,424.00	-6,06,615.19	-6,06,615.19	-1,27,249.22	-21,82,298.39
	BARH	2,04,305.60	2,02,595.23	-28,42,373.58	-28,42,373.58	-1,76,553.92	-5,42,391.36
	NVVN-NEPAL	-37,505.16	-37,996.06	-14,79,009.00	-14,79,009.00	-4,36,108.77	-4,05,024.66
	APNRL	53,961.59	53,423.64	-9,06,406.03	-9,06,406.03	-49,219.63	-2,18,454.07
	GMRKEL	98,012.91	94,030.11	-89,80,396.92	-89,80,396.92	-3,50,456.20	-2,39,696.51
	JITPL	78,289.49	76,800.51	-39,85,269.37	-39,85,269.37	-28,04,129.71	-53,26,794.66
	TPTCL	4,990.34	3,459.28	-37,37,993.99	-37,37,993.99	-1,91,428.13	0.00
	BRBCL	61,524.58	61,081.45	-7,23,337.08	-7,23,337.08	-5,39,103.07	-10,35,421.05
	TALCHER SOLAR	329.36	327.82	-17,510.00	-17,510.00	0.00	0.00
	JORETHANG HEP	5,405.69	4,392.61	-20,58,470.50	-20,58,470.50	-1,73,190.42	-2,25,324.97
	IND Barath	0.00	0.00	0.00	0.00	0.00	0.00
	HVDC SASARAM	-141.86	-154.97	-50,804.00	-50,804.00	-8,358.36	-1,11,287.51
	VAE	-3,145.75	0.00	93,88,345.92	93,88,345.92	0.00	0.00
	NVVN-BD	-1,59,375.43	-1,60,592.65	-41,26,403.00	-41,26,403.00	-4,45,213.43	-1,23,79,210.49
	CHUZACHEN	9,708.62	9,287.45	-5,45,313.76	-5,45,313.76	-3,10,169.74	-2,28,537.83
	TUL	1,67,552.56	1,67,030.83	8,96,647.90	8,96,647.90	-22,753.96	0.00
	DIKCHU	12,819.84	12,556.64	-5,22,510.62	-5,22,510.62	-4,78,214.38	-3,14,408.47
THEP	6,551.90	5,374.08	-25,64,825.15	-25,64,825.15	-2,72,946.91	-38,530.88	
HVDC ALIPURDUAR	-99.19	-158.67	-2,09,755.00	-2,09,755.00	-24,019.94	-6,10,273.17	
OPGC_INFIRM	0.00	20,597.89	2,79,17,767.58	2,79,17,767.58	0.00	0.00	
MTPS-II	47,620.93	46,725.39	-19,84,712.55	-19,84,712.55	-1,58,650.37	-5,40,809.97	
NPGC_INFIRM	0.00	-1,557.71	-53,94,381.03	-53,94,381.03	0.00	0.00	
DARLIPALI_INFIRM	0.00	-1,382.84	-47,57,958.01	-47,57,958.01	0.00	0.00	
BRBCL U-III INFIRM	0.00	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: 30/05/2019

RRAS Account for Week: 06-May-19 to 12-May-19

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	927.24200	774248	2201272	463621	3439142
2	FSTPP-III	286.42000	430776	684257	143210	1258244
3	KHSTPP-I	445.83800	474816	1055296	222918	1753033
4	KHSTPP-II	1153.46800	1266508	2609146	576736	4452390
5	TSTPP-I	21.50000	20726	37367	10750	68843
6	BARH	238.86500	445484	524548	119433	1089463
7	BRBCL	1566.60700	3752025	2984387	783305	7519717
8	MTPS-II	1024.55300	2406674	2770390	512276	5689339
	Total	5664.49300	9571257	12866663	2832249	25270171

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	113.49914	216216	162162
2	MTPS-II	493.25278	1333756	1000317
3	FSTPP I & II	689.65529	1637242	1227931
4	FSTPP-III	269.87500	644731	483549
5	KHSTPP-I	316.83489	749948	562461
6	KHSTPP-II	218.15437	493465	370099
7	TSTPP-I	112.76000	195977	146983
8	BARH	189.99500	417229	312922
	Total	2404.02647	5688564	4266423

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	927.24200	333976	BSPHCL			
			104751	JUVNL			
			25794	GRIDCO			
			144357	SIKKIM			
			39648	TS_TRANSCO			
			43421	ASSAM			
			23935	DELHI			
			32197	HARYANA			
2	FSTPP-III	286.42000	26169	RAJASTHAN			
			385435	BSPHCL			
			41399	GRIDCO			
			3503	TS_TRANSCO			
3	KHSTPP-I	445.83800	439	ASSAM			
			111364	BSPHCL			
			31751	GRIDCO			
			66527	SIKKIM			
			86045	DELHI			
			122531	HARYANA			
			2752	HVDC_PUSAULI			
			43039	RAJASTHAN			
4	KHSTPP-II	1153.46800	10807	UP			
			19344	BSPHCL			
			8803	GRIDCO			
			13462	SIKKIM			
			44168	ASSAM			
			99393	CHATTISGARH			
			120326	DELHI			
			361582	GUJARAT			
			45780	HP			
			5013	MAHARASHTRA			
			156851	MP			
			31209	PUNJAB			
5	TSTPP-I	21.50000	189237	RAJASTHAN			
			22411	UP			
			148929	UTTARAKHAND			
			20726	SIKKIM			
			40146	HVDC_APD			
			6	BARH	238.86500	55476	BSPHCL
						83761	JUVNL
						266101	SIKKIM
						2470	BSPHCL
			7	BRBCL	1566.60700	461026	BIHAR_RAILWAYS
691561	DVC_RAILWAYS						
854272	AHARASHTRA RAILWAYS						
643340	MP RAILWAYS						
1099356	RAILWAYS						
1038809	BSPHCL						
8	MTPS-II	1024.55300	30227	DVC			
			1314261	GRIDCO			
			4891	SIKKIM			
			7018	WBSETCL			
			11468	TS_TRANSCO			
Total		5664.49300	9571257				

A) RRAS settlement account for the week 06-May-19 to 12-May-19 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.

FRAS Settlement Account by ERPC

Date: 30/05/2019

FRAS Account for Week: 06-May-19 to 12-May-19

Payments to the FRAS Provider(s) from the DSM pool

Sr.No	FRAS Provider Name	FRAS UP Eup(MWH)	FRAS DOWN Edown(MWH)	Mileage Em(MWH)	Incentive as per CERC Order(Rs)	Total Charges (Rs)
1	TEESTA-V	0.00	35.50	35.50	3550	3550
2	RANGIT	0.00	0.00	0.00	0	0

A) FRAS settlement account for the week 06-May-19 to 12-May-19 has been prepared based on the CERC order in petition No.07/SM/2018/Suo-Motu, dated 16.07.2018.

B) The incentive has been calculated at the rate of 10 Paisa/Kwh for mileage Energy.

Eastern Regional Power Committee, Kolkata
Format SCED2: ERPC "Regional SCED Weekly Statement"

SCED Account for Week 060519-120519

S.N.	SCED Generators	Increment due to SCED scheduled to VSCED [Eastern] (MWhr) (A)	Decrement due to SCED scheduled to VSCED [Eastern] (MWhr) (B)	Charges to be paid to SCED Generators from National Pool(SCED) (in Rs) (C)= (A)xV.C.	Charges to be Refunded by SCED Generators to National Pool(SCED) (in Rs) (D)= (B)xV.C.	Net Charges Payable(+)/Receivable(-) (in Rs) (E)*= (C)-(D)
1	FSTPP I & II	10423.5400	6560.5375	24745484	15574716	9170768
2	FSTPP-III	3856.7825	2750.6875	9213853	6571392	2642461
3	KHSTPP-I	6238.3850	2506.9475	14766257	5933945	8832312
4	KHSTPP-II	11304.3775	853.0000	25570502	1929486	23641016
5	TSTPP-I	1831.8525	252.5750	3183760	438975	2744785
6	BARH	5631.5175	1153.1475	12366812	2532312	9834500
7	BRBCL	3842.4175	326.1975	7319805	621406	6698399
8	MTPS-II	3879.3850	5236.8850	10489857	14160537	-3670680
	TOTAL	47008.2575	19639.9775	107656330	47762769	59893561

*(+)- means payable from the 'National Pool Account (SCED)' to SCED Generator
 /(-) means Receivable by 'National Pool Account (SCED)' from SCED Generator

A)SCED settlement account for the week 06-May-19 to 12-May-19 has been prepared based on the CERC order in petition No. 02/SM/2019/Suo-Motu dated 31.01.2019 & subsequently approval of detailed procedure.

B)Variable Charges(Rs/MWhr) for SCED accounting have been taken from the AS-3 format published by ERPC.