



सत्यमेव जयते

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/ 2438-2472

Date: 06.06.2019

To
As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS, FRAS & SCED Settlement Account for the period from 13.05.2019 to 19.05.2019.

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 04.06.2019.


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: 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, 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, 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 13.05.19 TO 19.05.19
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		93.72436	79.14132	63.59623		236.46191
JUVNL		134.25673	36.27712	335.01455		505.54841
DVC	43.42948		14.84339	176.64902		148.06293
GRIDCO	35.37215		25.27606	37.55340		27.45731
SIKKIM	25.71324		6.66142	8.37493	10.67690	
WBSETCL		95.21533	33.28594	41.14170		169.64297
HVDC SASARAM		0.20318	0.01414	0.44881		0.66613
HVDC ALIPURDUAR		2.02077	0.03284	6.06232		8.11592
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		113.50528	8.87851	33.07170		155.45548
FSTPP-III		16.96574	2.13799	1.80353		20.90726
KHSTPP-I		6.87499	3.26110	0.38659		10.52267
KHSTPP-II		15.18804	1.36198	51.50900		68.05902
TSTPP	2.44597		1.73511	0.16678	0.54408	
BARH		23.87250	2.13817	2.78852		28.79918
MTPS-II		19.51279	2.57285	5.29052		27.37616
BRBCL		11.37080	5.18095	13.70552		30.25728
TEESTA	16.11145		1.01727	0.00000	15.09418	
RANGIT	1.83751		0.55199	0.17320	1.11232	
MAITHON R/B	7.46146		1.09869	1.77108	4.59169	
OTHER GENERATORS						
APNRL		26.54530	0.67821	5.91413		33.13764
GMRKEL		58.62035	2.47754	3.15046		64.24836
JITPL	1.11536		1.29066	0.16208		0.33738
CHUZACHEN	14.60909		3.65750	0.45858	10.49302	
DIKCHU		21.44604	3.95239	4.63354		30.03196
JORETHANG HEP		20.87650	0.69050	1.30605		22.87304
THEP		18.54657	1.69221	0.00000		20.23878
TUL		32.02720	2.43948	1.22427		35.69095
INTER- REGIONAL						
NER		1713.04860				1713.04860
NR		725.85299				725.85299
SR		284.85889				284.85889
WR	3741.08468				3741.08468	
INTER- NATIONAL						
NVVN-BD		15.18885	1.57754	65.05643		81.82282
NVVN-NEPAL		5.89066	2.00520	2.76696		10.66282
TPTCL		25.07244	0.28823			25.36067
INFIRM GENERATORS						
OPGC_INFIRM		53.43879				53.43879
NPGC_INFIRM		97.12242				97.12242
DARLIPALI_INFIRM		43.99455				43.99455
BRBCL U-III INFIRM		0.00000				
SOLAR GENERATORS						
TALCHER SOLAR		0.71413				0.71413
TOTAL	3889.18039	3675.95478	246.21628	864.17989	3783.59686	4680.76741

(All figures in Rs. Lakhs)

Payable to the pool(A):		3675.95478
Receivable from the pool(B):		3889.18039
Differential Amount Arising from capping of Generating Stations(A-B)		-213.22561
Additional Deviation Amount:		1110.39617
VAE of Eastern Region:		-20.03500

**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.
19/05/19	BSPHCL	-1,02,977.069	-1,02,943.244	3,01,962.37	-1,60,138.70	-60,392.47
	JUVNL	-20,591.326	-21,551.319	-40,28,192.70	-2,77,550.30	-80,56,385.40
	DVC	38,514.564	38,527.711	7,23,615.50	-65,501.84	-4,34,169.30
	GRIDCO	-37,154.960	-37,182.313	14,39,325.30	-49,307.95	-2,87,865.06
	SIKIM	-1,342.378	-1,119.262	704,113.17	-47,665.41	-4,22,467.90
	WBSETCL	-60,753.106	-60,338.373	16,96,599.38	-1,69,025.94	-6,78,639.75
	NER	12,392.014	4,008.691	-2,88,90,005.09	-2,07,64,926.12	-8,66,70,015.26
	NR	-48,905.154	-46,491.652	1,30,33,620.94	-39,78,121.09	-2,86,73,966.07
	SR	-41,529.925	-43,658.920	33,28,461.14	-2,97,23,631.41	-93,19,691.20
	WR	46,629.378	57,719.788	1,93,96,091.70	-2,71,12,680.89	-4,26,71,401.74
	FSTPP-I & II	33,113.200	32,287.303	-19,76,410.60	1,05,430.07	-3,95,282.12
	KHSTPP-I	16,761.691	16,720.450	19,133.29	-50,855.03	-3,826.66
	TSTPP	18,296.250	18,278.069	28,242.69	-3,056.45	-11,297.07
	RANGIT	737.250	761.124	37,854.80	-10,015.42	0.00
	CHPC	1,494.308	2,977.771	37,82,831.00	0.00	0.00
	KHPC	720.000	742.936	48,623.47	0.00	0.00
	THPC	6,304.500	3,943.913	-50,04,444.46	0.00	0.00
	KHSTPP-II	22,196.458	21,946.828	-3,92,374.67	0.00	-7,06,274.41
	FSTPP-III	10,167.897	10,102.978	-1,78,677.78	-34,697.18	-35,733.55
	TEESTA	12,096.000	12,347.382	3,15,012.88	-5,173.32	0.00
	MAITHON R/B	20,324.865	20,372.545	2,09,906.03	-7,007.45	0.00
	BARH	29,016.975	28,785.709	-3,66,949.764	-1,875.95	-73,389.95
	NVNV-NEPAL	-5,349.780	-5,454.048	-2,97,972.976	-15,492.66	-1,19,189.19
	APNRL	4,080.023	3,958.618	-2,70,368.874	0.00	-54,073.77
	GMRKEL	14,279.433	14,150.182	-3,09,454.845	-10,992.50	0.00
	JITPL	11,638.088	11,655.345	61,564.96	-12,763.93	0.00
	TPTCL	578.691	414.754	-4,06,974.91	-5,095.72	-3,19,518.39
	BRBCL	14,681.391	14,367.418	-5,32,530.656	-44,506.97	-3,19,518.39
	TALCHER SOLAR	48.170	44.250	-37,088.12	0.00	0.00
	JORETHANG HEP	616.034	543.392	-2,01,924.37	-17,342.98	0.00
	IND Barath	0.000	0.000	0.00	0.00	0.00
	HVDC SASARAM	-21.646	-21.932	-1,103.033	-232.59	-882.43
	VAE	198.585	0.000	-70,302.266	0.00	0.00
	NVNV	-22,075.109	-22,185.891	-3,74,610.355	-8,601.04	-8,99,064.85
	CHUZACHEN	1,365.873	1,498.793	2,62,374.461	-1,38,012.44	0.00
	TUL	19,434.088	20,232.000	23,60,925.177	-939.20	0.00
	DIKCHU	2,038.962	2,185.091	3,94,632.905	-31,325.45	0.00
	THEP	706.990	627.872	-77,199.297	-17,585.67	0.00
	HVDC ALIPURDUJAR	-13.776	-22.757	-33,486.269	-408.05	-1,00,458.81
	OPGC_INFIRM	0.000	-161.209	-5,80,010.580	0.00	0.00
	MTPS-II	7,977.960	7,835.296	-3,35,412.939	-62,911.20	-1,34,165.18
	NPGC_INFIRM	0.000	-456.673	-16,36,903.923	0.00	0.00
	DARLIPALI_INFIRM	0.000	-171.777	-5,94,494.189	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 13/05/19 TO 19/05/19	BSPHCL	-6,97,636.65	-6,97,508.35	-93,68,980.99	-93,72,436.00	-79,14,132.30	-63,59,622.99
	JUVNL	-1,24,408.61	-1,26,702.02	-1,27,58,328.43	-1,34,25,673.00	-36,27,712.40	-3,35,01,455.18
	DVC	3,20,791.65	3,22,302.47	43,01,954.00	43,42,948.00	-14,84,338.53	-1,76,64,902.13
	GRIDCO	-1,99,339.46	-2,03,564.13	8,90,685.33	35,37,215.00	-25,27,606.09	-37,55,339.90
	SIKIM	-9,749.27	-9,070.07	20,03,718.15	25,71,324.00	-6,66,141.70	-8,37,492.66
	WBSETCL	-4,22,665.67	-4,24,131.04	-52,90,587.80	-95,21,533.00	-33,28,593.67	-41,14,170.47
	NER	76,308.60	27,180.68	-17,13,04,860.00	-17,13,04,860.00	0.00	0.00
	NR	-3,49,563.09	-3,68,508.39	-7,25,85,299.00	-7,25,85,299.00	0.00	0.00
	SR	-3,37,366.66	-3,48,055.48	-2,84,85,889.00	-2,84,85,889.00	0.00	0.00
	WR	2,79,071.01	3,93,804.76	37,41,08,468.00	37,41,08,468.00	0.00	0.00
	FSTPP-I & II	2,22,235.72	2,16,943.88	-1,13,50,527.85	-1,13,50,527.85	-8,87,850.75	-33,07,169.64
	KHSTPP-I	1,15,117.86	1,14,646.05	-6,87,498.69	-6,87,498.69	-3,26,109.70	-38,658.94
	KHSTPP-II	1,50,871.70	1,49,786.78	-15,18,804.17	-15,18,804.17	-1,36,197.76	-51,50,899.70
	TSTPP	1,28,608.26	1,28,550.13	2,44,597.31	2,44,597.31	-1,73,510.62	-16,678.40
	FSTPP-III	69,668.26	68,889.71	-16,96,573.52	-16,96,573.52	-2,13,799.22	-1,80,353.26
	TEESTA	67,924.00	69,234.73	16,11,144.61	16,11,144.61	-1,01,726.58	0.00
	MAITHON R/B	1,47,338.29	1,47,376.91	7,46,146.07	7,46,146.07	-1,09,869.48	-1,77,108.08
	RANGIT	5,573.50	5,660.41	1,83,750.84	1,83,750.84	-55,199.46	-17,319.55
	BARH	2,01,314.39	1,99,777.09	-23,87,249.84	-23,87,249.84	-2,78,851.62	-2,78,851.62
	NVNV-NEPAL	-37,448.46	-37,674.88	-5,89,066.00	-5,89,066.00	-2,00,519.65	-2,76,696.48
	APNRL	48,761.39	47,598.84	-26,54,529.78	-26,54,529.78	-67,821.16	-5,91,413.05
	GMRKEL	93,349.67	90,948.14	-58,62,035.34	-58,62,035.34	-2,47,754.18	-3,15,046.31
	JITPL	79,226.22	79,277.38	1,11,535.58	1,11,535.58	-1,29,065.54	-16,208.09
	TPTCL	3,978.50	2,921.32	-25,07,244.03	-25,07,244.03	-28,822.98	-28,822.98
	BRBCL	79,178.40	78,676.29	-11,37,080.38	-11,37,080.38	-5,18,095.47	-13,70,551.93
	TALCHER SOLAR	340.96	333.69	-71,413.00	-71,413.00	0.00	0.00
	JORETHANG HEP	4,932.84	3,965.28	-20,87,649.51	-20,87,649.51	-69,049.65	-1,30,604.70
	IND Barath	0.00	0.00	0.00	0.00	0.00	0.00
	HVDC SASARAM	-149.16	-154.64	-20,318.00	-20,318.00	-1,413.63	-44,881.04
	VAE	841.20	0.00	-20,03,500.32	-20,03,500.32	0.00	0.00
	NVNV-BD	-1,55,051.42	-1,55,280.14	-15,18,885.00	-15,18,885.00	-1,57,754.39	-65,05,642.76
	CHUZACHEN	9,872.66	10,453.39	14,60,909.46	14,60,909.46	-3,65,750.02	-45,857.93
	TUL	1,29,458.57	1,26,997.60	-32,02,720.22	-32,02,720.22	-2,43,948.26	-1,22,426.89
	DIKCHU	13,401.84	12,519.18	-21,44,603.77	-21,44,603.77	-3,95,238.56	-4,63,353.88
	THEP	5,819.85	4,952.61	-18,54,657.45	-18,54,657.45	-1,69,220.91	0.00
	HVDC ALIPURDUJAR	-96.67	-153.72	-2,02,077.00	-2,02,077.00	-2,02,077.00	-6,06,231.65
OPGC_INFIRM	0.00	-1,527.80	-53,43,878.59	-53,43,878.59	0.00	0.00	
MTPS-II	51,212.29	50,362.63	-19,51,278.94	-19,51,278.94	-2,57,284.89	-5,29,051.78	
NPGC_INFIRM	0.00	-2,809.82	-97,12,241.74	-97,12,241.74	0.00	0.00	
DARLIPALI_INFIRM	0.00	-1,271.29	-43,99,454.81	-43,99,454.81	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: 06/06/2019

RRAS Account for Week: 13-May-19 to 19-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	845.63700	706108	2039827	422818	3168755
2	FSTPP-III	254.61500	383020	610731	127308	1121056
3	KHSTPP-I	224.64200	238984	518006	112321	869312
4	KHSTPP-II	502.45300	552299	1102670	251226	1906195
5	TSTPP-I	18.76000	18121	33231	9380	60732
6	BARH	229.08000	427495	502123	114540	1044158
7	BRBCL	583.97200	1398613	1211993	291987	2902594
8	MTPS-II	560.70000	1394235	1479999	280351	3154584
	Total	3219.85900	5118875	7498580	1609931	14227386

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	148.96000	305043	228783
2	MTPS-II	506.69731	1343801	1007851
3	FSTPP I & II	1752.39858	4442925	3332194
4	FSTPP-III	307.75750	754596	565947
5	KHSTPP-I	496.99568	1113122	834841
6	KHSTPP-II	229.75062	493870	370402
7	TSTPP-I	74.27000	140656	105492
8	BARH	416.27250	908922	681692
	Total	3933.10218	9502935	7127201

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	845.63700	233769	BSPHCL
			152140	JUVNL
			49648	GRIDCO
			39673	SIKKIM
			85510	WBSETCL
			8608	TS_TRANSKO
			5367	WB SOLAR
			46649	ASSAM
			20650	DELHI
			29241	HARYANA
			14370	RAJASTHAN
2	FSTPP-III	254.61500	20483	UP
			248234	BSPHCL
			13201	JUVNL
			30708	GRIDCO
			83835	WBSETCL
			793	TS_TRANSKO
5159	WB SOLAR			

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			1090	ASSAM
3	KHSTPP-I	224.64200	7243	BSPHCL
			31929	SIKKIM
			564	WBSETCL
			85	WB SOLAR
			17016	ASSAM
			70940	DELHI
			32446	HARYANA
			1829	HVDC_PUSAULI
			55283	RAJASTHAN
			21649	UP
			4	KHSTPP-II
4519	SIKKIM			
1070	WB SOLAR			
57865	ASSAM			
35743	CHATTISGARH			
63247	DELHI			
134207	GUJARAT			
42040	HARYANA			
5624	HP			
74520	MP			
29482	PUNJAB			
41987	RAJASTHAN			
12299	UP			
			46792	UTTARAKHAND
5	TSTPP-I	18.76000	18121	SIKKIM
6	BARH	229.08000	23104	HVDC_APD
			17120	BSPHCL
			249665	JUVNL
			137606	SIKKIM
7	BRBCL	583.97200	47009	BIHAR_RAILWAYS
			34807	DVC_RAILWAYS
			131980	AHARASHTRA RAILWAYS
			197353	MP RAILWAYS
			865237	RAILWAYS
			27114	HARYANA
			95113	UP
8	MTPS-II	560.70000	633317	BSPHCL
			4012	DVC
			682256	GRIDCO
			7310	SIKKIM
			64857	WBSETCL
			2483	TS_TRANSCO
	Total	3219.85900	5118875	

A) RRAS settlement account for the week 13-May-19 to 19-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: 06/06/2019

FRAS Account for Week: 13-May-19 to 19-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	0.00	0.00	0	0
2	RANGIT	0.00	27.50	27.50	2750	2750

A) FRAS settlement account for the week 13-May-19 to 19-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 130519-190519

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	15894.4750	7862.1575	38871041	19769996	19101045
2	FSTPP-III	4796.7775	2623.3225	11719466	6497490	5221976
3	KHSTPP-I	6666.7350	2622.4000	15151269	5972996	9178273
4	KHSTPP-II	14303.7225	146.1400	30896589	315647	30580942
5	TSTPP-I	1205.3350	793.0675	2150638	1486733	663905
6	BARH	3815.8575	4992.0500	8356822	10901772	-2544950
7	BRBCL	7196.2750	1032.6025	15104676	2166343	12938333
8	MTPS-II	7111.5325	2260.4425	18449242	5991474	12457768
	TOTAL	60990.7100	22332.1825	140699743	53102451	87597292

*(+)- 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 13-May-19 to 19-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.