



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

Tel No. :033-24239651, 24239650 FAX No.:033-24239652, 24239653 Web: www.erpc.gov.in

NO: ERPC/COM-II/ABT-DC/ 1814 - 1848

Date: 17.05.2019

To
As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS, FRAS & SCED Settlement Account for the period from 15.04.2019 to 21.04.2019.

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 15.05.2019.


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, Dongti, 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 15.04.19 TO 21.04.19
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		33.16312	86.06787	44.73266		163.96365
JUVNL		17.57253	24.84965	133.28617		175.70835
DVC	104.48401		16.37407	40.51008	47.59985	
GRIDCO	73.59095		22.54292	17.55139	33.49664	
SIKKIM	11.95822		4.90359	59.96702		52.91239
WBSETCL	27.44258		30.35571	40.06061		42.97375
HVDC SASARAM	0.08749		0.04119	0.42335		0.37704
HVDC ALIPURDUAR	0.20836		0.09971	0.08747	0.02118	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		36.48850	5.29183	16.81258		58.59290
FSTPP-III		2.80157	4.02075	0.29346		7.11578
KHSTPP-I		16.81867	1.95846	0.65312		19.43024
KHSTPP-II		5.31246	3.43443	1.11896		9.86585
TSTPP		6.60257	6.87063	11.98798		25.46118
BARH		5.22781	5.11817	15.35835		25.70433
MTPS-II		8.51799	1.93265	1.99702		12.44765
BRBCL	5.54997		6.85141	19.45337		20.75481
TEESTA	13.84157		1.87222	0.00000	11.96935	
RANGIT	2.44788		0.52942	0.07762	1.84084	
MAITHON R/B	13.11953		1.51068	0.10040	11.50845	
OTHER GENERATORS						
APNRL		9.02177	0.36316	0.59451		9.97944
GMRKEL		63.70680	2.51721	0.00000		66.22401
JITPL		5.50332	0.41732	0.99153		6.91217
CHUZACHEN		3.81568	2.12456	3.50104		9.44128
DIKCHU	8.48844		3.38017	12.88620		7.77793
JORETHANG HEP		11.95251	0.31127	1.32425		13.58802
THEP		2.84640	0.97817	0.56577		4.39034
TUL		38.09856	10.65355	5.20191		53.95403
INTER- REGIONAL						
NER	2476.03729				2476.03729	
NR		6103.00622				6103.00622
SR	2268.76078				2268.76078	
WR	2061.31969				2061.31969	
INTER- NATIONAL						
NVVN-BD		60.14548	28.04582	171.94402		260.13532
NVVN-NEPAL		10.44067	7.44268	10.91982		28.80318
TPTCL		13.40208	0.21230			13.61438
INFIRM GENERATORS						
OPGC_INFIRM		44.46716				44.46716
NPGC_INFIRM		30.56496				30.56496
DARLIPALI_INFIRM		7.95004				7.95004
BRBCL U-III INFIRM		0.00000				
SOLAR GENERATORS						
TALCHER SOLAR	0.57942				0.57942	
TOTAL	7067.91617	6537.42687	281.07158	612.40064	6913.13349	7276.11641

(All figures in Rs. Lakhs)

Payable to the pool(A):		6537.42687
Receivable from the pool(B):		7067.91617
Differential Amount Arising from capping of Generating Stations(A-B)		-530.48930
Additional Deviation Amount:		893.47222
VAE of Eastern Region:		-392.73540

**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.
21/04/19	BSPHCL	-86,550.619	-87,304.746	-34,62,036.56	-4,34,812.75	-27,69,629.25
	JUVNL	-11,654.609	-11,973.488	-17,24,647.90	-5,26,959.98	-31,04,366.22
	DVC	44,010.167	44,563.701	13,41,893.18	-3,59,238.42	-8,05,135.91
	GRIDCO	-26,448.351	-26,965.199	6,86,340.78	-3,45,635.61	-1,37,668.16
	SIKIM	-1,008.319	-1,201.782	-7,14,262.31	-6,262.08	-12,85,672.16
	WBSETCL	-35,927.501	-35,677.377	87,768.13	-2,10,716.06	-35,107.25
	NER	528.943	14,082.020	3,93,95,495.84	-36,72,325.69	-11,81,86,487.52
	NR	-19,603.647	-55,601.498	-10,47,32,293.39	-9,38,38,744.48	-31,41,96,880.16
	SR	-72,129.866	-62,096.313	3,43,99,079.29	-24,15,035.03	-9,63,17,422.01
	WR	26,871.190	49,399.610	5,70,38,457.32	-88,75,143.29	-17,11,06,372.56
	FSTPP-I & II	25,783.388	25,250.750	-9,79,775.63	-22,773.07	-1,95,955.13
	KHSTPP-I	15,285.305	15,085.777	-3,09,328.65	-32,392.21	-61,865.73
	TSTPP	9,946.679	9,863.402	-93,573.19	-16,967.37	-37,429.27
	RANGIT	568.750	589.067	35,869.39	-4,025.85	0.00
	CHPC	572.000	3,435.258	73,01,307.53	0.00	0.00
	KHPC	486.790	-107.816	-12,60,565.57	0.00	0.00
	THPC	4,948.000	1,665.651	-69,58,580.73	0.00	0.00
	KHSTPP-II	26,295.402	26,114.071	-3,17,710.75	-39,342.23	0.00
	FSTPP-III	8,719.733	8,634.994	-1,11,160.72	-6,413.84	0.00
	TEESTA	5,881.750	6,044.364	1,81,640.67	-17,418.27	0.00
	MAITHON R/B	18,300.678	18,338.072	1,64,679.64	-7,400.85	0.00
	BARH	28,069.841	27,856.909	-3,35,206.030	-24,341.64	-1,34,082.41
	NVNV-NEPAL	-4,867.544	-4,963.616	-2,40,435.348	-6,191.21	-96,174.14
	APNRL	7,413.736	7,326.327	-1,54,463.436	-3,903.64	0.00
	GMRKEL	9,999.531	9,624.291	-8,44,287.791	-12,631.30	0.00
	JITPL	11,760.073	11,723.200	-67,787.77	-2,711.30	-13,557.55
	TPTCL	554.300	408.571	-3,27,269.26	-4,913.81	0.00
	BRBCL	12,863.456	13,059.054	1,78,798.260	-88,602.39	-1,43,038.61
	TALCHER SOLAR	42.943	43.018	4,788.03	0.00	0.00
	JORETHANG HEP	669.109	415.072	-4,51,585.82	-898.50	-90,317.16
	IND Barath	0.000	0.000	0.00	0.00	0.00
	HVDC SASARAM	-20.353	-19.409	2,558.114	-694.70	0.00
	VAE	3,089.875	0.000	-77,36,778.696	0.00	0.00
	NVNV	-19,337.737	-19,700.800	-20,91,409.930	-8,74,837.13	-50,19,383.83
	CHUZACHEN	705.503	624.277	-2,45,388.909	-14,581.12	0.00
	TUL	10,173.206	9,985.454	-3,23,227.322	-6,886.30	-64,645.46
	DIKCHU	935.745	665.364	-6,78,799.580	-66,971.08	-1,35,759.92
	THEP	641.806	496.320	-3,21,435.290	-10,431.18	0.00
	HVDC ALIPURDUAR	-13.838	-11.055	7,845.056	-2,327.04	0.00
	OPGC_INFIRM	0.000	-409.118	-12,00,642.980	0.00	0.00
	MTPS-II	6,205.865	6,078.068	-2,56,750.977	-1,023.75	0.00
	NPGC_INFIRM	0.000	-192.436	-5,69,213.677	0.00	0.00
	DARLIPALI_INFIRM	0.000	-39.224	-1,15,871.367	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 15/04/19 TO 21/04/19	BSPHCL	-5,67,499.03	-5,66,754.86	-1,00,29,614.55	-33,16,312.00	-86,06,787.47
	JUVNL	-1,12,140.25	-1,12,106.61	-26,40,059.37	-17,57,253.00	-24,84,965.29
	DVC	2,97,762.33	2,99,117.62	64,00,292.09	1,04,48,401.00	-16,37,407.20
	GRIDCO	-2,19,305.21	-2,26,437.40	-22,45,221.44	73,59,095.00	-22,54,291.70
	SIKIM	-9,157.71	-9,111.97	-6,23,666.87	11,95,822.00	-4,90,359.21
	WBSETCL	-3,51,857.23	-3,50,475.67	37,64,406.21	27,44,258.00	-30,35,571.37
	NER	-10,132.13	83,327.72	24,76,03,729.00	24,76,03,729.00	0.00
	NR	-1,22,898.61	-3,34,901.99	-61,03,062.00	-61,03,062.00	0.00
	SR	-5,15,158.27	-4,34,977.59	22,68,76,078.00	22,68,76,078.00	0.00
	WR	2,66,441.89	3,38,144.39	20,61,31,969.00	20,61,31,969.00	0.00
	FSTPP-I & II	1,79,275.57	1,77,176.27	-36,48,849.76	-36,48,849.76	-5,29,182.88
	KHSTPP-I	93,265.91	92,178.64	-16,81,866.58	-16,81,866.58	-1,95,845.65
	KHSTPP-II	1,76,923.59	1,76,277.34	-5,31,246.40	-5,31,246.40	-3,43,443.38
	TSTPP	1,11,765.58	1,11,140.50	-6,60,257.35	-6,60,257.35	-6,87,062.70
	FSTPP-III	54,458.84	54,333.84	-2,80,157.20	-2,80,157.20	-4,02,074.95
	TEESTA	55,809.00	57,024.47	13,84,156.87	13,84,156.87	-1,87,222.14
	MAITHON R/B	1,33,818.73	1,34,138.94	13,11,952.57	13,11,952.57	-1,51,067.90
	RANGIT	5,088.50	5,216.02	2,44,787.84	2,44,787.84	-52,942.06
	BARH	1,78,905.69	1,78,405.31	-5,22,780.70	-5,22,780.70	-15,35,834.84
	NVNV-NEPAL	-30,671.21	-30,907.20	-10,44,067.00	-10,44,067.00	-7,44,268.14
	APNRL	52,097.32	51,587.78	-9,02,176.92	-9,02,176.92	-36,316.24
	GMRKEL	81,833.52	78,838.03	-63,70,679.61	-63,70,679.61	-2,51,720.92
	JITPL	81,930.30	81,648.87	-5,50,332.12	-5,50,332.12	-41,731.77
	TPTCL	3,976.630	3,354.62	-13,40,208.37	-13,40,208.37	-21,230.12
	BRBCL	90,721.58	91,259.05	5,54,997.08	5,54,997.08	-6,85,141.25
	TALCHER SOLAR	298.20	305.38	57,942.00	57,942.00	0.00
	JORETHANG HEP	4,670.79	3,745.06	-11,95,250.77	-11,95,250.77	-31,126.62
	IND Barath	0.00	0.00	0.00	0.00	0.00
	HVDC SASARAM	-135.050	-131.51	8,749.00	8,749.00	-4,118.71
	VAE	12,776.47	0.00	-3,92,73,540.47	-3,92,73,540.47	0.00
	NVNV-BD	-1,28,575.32	-1,29,278.33	-60,14,548.00	-60,14,548.00	-28,04,582.17
	CHUZACHEN	5,481.49	5,347.29	-3,81,568.27	-3,81,568.27	-2,12,456.01
	TUL	1,01,900.29	99,281.38	-38,09,856.35	-38,09,856.35	-10,65,355.17
DIKCHU	5,878.08	6,264.55	8,48,843.65	8,48,843.65	-3,38,016.99	
THEP	4,413.76	4,140.74	-2,84,640.20	-2,84,640.20	-97,816.71	
HVDC ALIPURDUAR	-102.57	-94.30	20,836.00	20,836.00	-9,970.96	
OPGC_INFIRM	0.00	-1,507.93	-44,46,716.47	-44,46,716.47	0.00	
MTPS-II	38,308.88	37,920.10	-8,51,798.78	-8,51,798.78	-1,93,264.74	
NPGC_INFIRM	0.00	-1,071.82	-30,56,495.82	-30,56,495.82	0.00	
DARLIPALI_INFIRM	0.00	-283.19	-7,95,003.58	-7,95,003.58	0.00	
BRBCL U-III 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: 17/05/2019

RRAS Account for Week: 15-Apr-19 to 21-Apr-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	105.65000	88217	265879	52826	406923
2	FSTPP-III	42.46500	63867	101448	21233	186550
3	KHSTPP-I	129.56200	137983	302002	64781	504764
4	KHSTPP-II	231.64200	254343	513652	115821	883815
5	TSTPP-I	19.00000	18316	31768	9500	59584
6	BARH	0.00000	0	0	0	0
7	BRBCL	314.66000	753611	603158	157329	1514100
8	MTPS-II	120.00800	281898	324703	60003	666604
	Total	962.98700	1598235	2142610	481493	4222340

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	1286.01511	2452786	1839590
2	MTPS-II	1576.40759	4263163	3197373
3	FSTPP I & II	3493.74973	8362413	6271810
4	FSTPP-III	1438.86881	3471380	2603535
5	KHSTPP-I	2037.19302	4803112	3602334
6	KHSTPP-II	1354.39095	3062579	2296935
7	TSTPP-I	484.57404	841464	631098
8	BARH	1813.98856	3985049	2988787
	Total	13485.18781	31241946	23431460

EASTERN REGIONAL POWER COMMITTEE
KOLKATA-700 033

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	105.65000	24460	BSPHCL
			32346	JUVNL
			162	SIKKIM
			15715	ASSAM
			1894	DELHI
			2145	HARYANA
			5893	RAJASTHAN
			5602	UP
2	FSTPP-III	42.46500	25107	BSPHCL
			29357	JUVNL
			9138	WBSETCL
			265	WB SOLAR
3	KHSTPP-I	129.56200	19830	BSPHCL
			296	SIKKIM
			9916	ASSAM
			2655	DELHI
			20323	HARYANA
			462	HVDC_PUSAULI
			33334	RAJASTHAN
			51167	UP
4	KHSTPP-II	231.64200	29893	ASSAM
			10337	CHATTISGARH
			1407	DELHI
			9236	GUJARAT
			9081	HARYANA
			12390	HP
			3839	MAHARASHTRA
			15628	MP
			78038	RAJASTHAN
			69302	UP
15192	UTTARAKHAND			
5	TSTPP-I	19.00000	18316	ASSAM
6	BARH	0.00000	0	-
7	BRBCL	314.66000	61487	BIHAR_RAILWAYS
			89080	DVC_RAILWAYS
			216063	MAHARASHTRA RAILWAYS
			85604	MP RAILWAYS
			168814	RAILWAYS
			132563	UP
8	MTPS-II	120.00800	115431	BSPHCL
			4117	DVC
			162350	GRIDCO
	Total	962.98700	1598235	

A) RRAS settlement account for the week 15-Apr-19 to 21-Apr-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: 17/05/2019

FRAS Account for Week: 15-Apr-19 to 21-Apr-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	246.25	246.25	24625	24625
2	RANGIT	0.00	14.00	14.00	1400	1400

A) FRAS settlement account for the week 15-Apr-19 to 21-Apr-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 150419-210419

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	9089.0500	17387.5000	21994625	41810748	-19816123
2	FSTPP-III	2249.2325	6587.0700	5433612	15992662	-10559050
3	KHSTPP-I	6789.9300	3796.0650	15887748	8951432	6936316
4	KHSTPP-II	18677.6025	3937.8075	42025653	8907321	33118332
5	TSTPP-I	981.4875	8447.3200	1703323	14680617	-12977294
6	BARH	3184.1100	10595.5050	6995321	23276513	-16281192
7	BRBCL	12247.9000	3320.4325	23381902	6325776	17056126
8	MTPS-II	1385.9875	4639.2450	3749669	12545885	-8796216
	TOTAL	54605.3000	58710.9450	121171853	132490954	-11319101

* (+) 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 15-Apr-19 to 21-Apr-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.