



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/10642-76

Date: 28.03.2019

To
As per List

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & FRAS Settlement Account for the period from 11.03.2019 to 17.03.2019.

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.

The data for the subjected week has been received from ERLDC on 27.03.2019.


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 / 224287 ,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, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical),Ind Barath Energy Utkal Ltd.,Vill:Sahajbahal P.O: Charpali-Barpali, Dist:Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, 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 11.03.19 TO 17.03.19
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	4.49133		42.18081	120.77889		158.46837
JUVNL	46.83405		12.14893	61.50440		26.81928
DVC		23.24795	31.87748	9.74425		64.86967
GRIDCO		254.54242	53.96390	120.18210		428.68842
SIKKIM	30.91806		2.47558	14.99395	13.44853	
WBSETCL	20.09048		20.64197	38.77594		39.32743
HVDC SASARAM		0.96136	0.02782	2.81834		3.80752
HVDC ALIPURDUAR	0.68863		0.06840	0.04768	0.57255	
CERC REGULATED GENERATORS (CGS/ISGS)						
FSTPP-I & II		73.35970	4.02506	24.11816		101.50292
FSTPP-III		14.52339	1.20938	3.52002		19.25279
KHSTPP-I		13.47573	0.43292	0.72831		14.63695
KHSTPP-II		16.56118	0.90899	0.12064		17.59080
TSTPP		9.83308	1.39833	3.66310		14.89451
BARH		15.83722	0.64728	2.54686		19.03136
MTPS-II		15.53716	0.99070	1.61300		18.14086
BRBCL		4.28376	2.52205	0.65223		7.45805
TEESTA	11.76647		0.52826	0.48929	10.74893	
RANGIT	1.12351		0.14003	1.62202		0.63854
MAITHON R/B	10.60027		0.87196	0.87172	8.85659	
OTHER GENERATORS						
APNRL	1.40613		0.27462	0.27450	0.85701	
GMRKEL		56.92626	1.64257	1.86235		60.43119
JITPL		4.75142	0.20772	1.48911		6.44825
CHUZACHEN	0.52693		0.03248	4.78436		4.28991
DIKCHU		5.92610	0.51345	1.80099		8.24055
JORETHANG HEP	0.67832	0.00000	0.09025	0.18136	0.40671	
THEP	1.50560		0.19778	2.27235		0.96453
TUL		2.05944	0.12330	2.13223		4.31497
INTER- REGIONAL						
NER	3255.62821				3255.62821	
NR		8887.93088				8887.93088
SR		133.38128				133.38128
WR	6778.31876				6778.31876	
INTER- NATIONAL						
NVVN-BD		31.89822	6.11270	78.30375		116.31467
NVVN-NEPAL		4.71263	3.04459	3.16274		10.91996
TPTCL		7.82479	0.15136			7.97615
INFIRM GENERATORS						
OPGC_INFIRM		33.63725				33.63725
NPGC_INFIRM		66.17376				66.17376
DARLIPALI_INFIRM		12.24281				12.24281
BRBCL U-III INFIRM		0.00000				
SOLAR GENERATORS						
TALCHER SOLAR		1.06919				1.06919
TOTAL	10164.57675	9690.69698	189.45068	505.05464	10068.83728	10289.46283

(All figures in Rs. Lakhs)

Payable to the pool(A):		9690.69698
Receivable from the pool(B):		10164.57675
Differential Amount Arising from capping of Generating Stations(A-B)		-473.87977
Additional Deviation Amount:		694.50532
VAE of Eastern Region:		-443.34368

**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 765kV D/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.

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.
17/03/19	BSPHCL	-72,986.589	-71,920.125	27,36,233.86	-9,89,742.85	-27,36,233.86
	JUVNL	-15,177.585	-14,565.848	10,01,876.88	-3,74,041.31	-16,03,003.00
	DVC	40,980.076	40,564.112	-10,20,208.87	-3,61,630.83	0.00
	GRIDCO	-36,395.745	-37,264.515	-3,99,491.09	-2,44,693.12	-1,59,796.43
	SIKIM	-1,423.881	-1,318.031	3,01,169.95	-92,280.85	-1,80,701.97
	WBSETCL	-32,110.726	-31,045.774	31,00,919.83	-5,87,923.98	-18,60,551.90
	NER	-3,699.521	6,088.714	3,03,41,172.57	-33,71,595.05	-9,10,23,517.72
	NR	-26,584.452	-60,219.659	-9,56,00,950.78	-8,36,55,124.62	-28,68,02,852.35
	SR	-60,821.057	-59,784.835	64,64,811.52	-96,16,347.17	-1,42,22,585.35
	WR	26,600.691	28,856.748	8,54,09,191.94	-1,23,20,673.23	-25,62,27,578.82
	FSTPP-I & II	25,916.893	25,615.429	-4,67,068.47	-1,05,615.91	-93,413.69
	KHSTPP-I	10,521.562	10,452.780	57,316.42	-5,232.15	0.00
	TSTPP	15,890.270	15,871.726	-28,964.24	-58,260.66	-5,792.85
	RANGIT	439.060	421.114	-24,950.95	-4,144.93	-29,941.14
	CHPC	0.000	1,367.733	34,87,719.57	0.00	0.00
	KHPC	0.000	-43.726	-92,698.27	0.00	0.00
	THPC	1,623.880	884.050	-15,68,439.51	0.00	0.00
	KHSTPP-II	28,825.537	28,578.607	-2,11,956.19	-5,687.37	0.00
	FSTPP-III	7,808.309	7,818.824	-1,02,745.17	-12,815.05	-20,549.03
	TEESTA	3,991.250	4,109.854	1,42,189.49	-10,760.29	0.00
	MAITHON R/B	16,656.938	16,747.491	2,34,338.35	-42,045.48	0.00
	BARH	26,312.604	26,316.109	1,40,867.822	-15,861.86	0.00
	NVUN-NEPAL	-5,706.599	-5,740.336	-13,028.948	-4,501.72	-10,423.16
	APNRL	7,404.071	7,416.727	51,209.448	-10,673.41	-10,241.89
	GMRKEL	13,712.826	13,373.018	-7,25,376.913	-48,380.15	0.00
	JITPL	11,760.048	11,716.363	-77,443.50	-2,476.77	-30,977.40
	TPTCL	433.996	390.874	-87,578.26	-1,743.44	0.00
	BRBCL	12,332.068	12,137.236	-3,26,117.270	-1,10,438.02	-65,223.45
	TALCHER SOLAR	41.710	35.208	-61,601.31	0.00	0.00
	JORETHANG HEP	372.013	321.824	-60,708.03	0.00	-12,141.61
	IND Barath	0.000	0.000	0.00	0.00	0.00
	HVDC SASARAM	-7.588	-8.848	-4,050.341	-122.46	-8,100.68
	VAE	9,309.762	0.000	-3,41,64,758.485	0.00	0.00
	NVUN	-14,502.319	-14,502.582	-4,93,946.636	-1,59,658.65	-11,85,471.93
	CHUZACHEN	375.249	349.463	-74,162.819	-1,744.95	-1,77,990.77
	TUL	6,563.705	6,334.545	-59,810.670	-4,320.23	0.00
	DIKCHU	437.411	345.091	-2,21,593.133	-18,526.32	-44,318.63
	THEP	377.795	334.688	-75,022.625	-12,636.12	-75,022.63
	HVDC ALIPURDUAR	-15.382	-10.252	13,811.214	-2,645.04	-2,762.24
	OPGC_INFIRM	0.000	-141.382	-4,20,221.524	0.00	0.00
	MTPS-II	5,194.551	5,128.308	-60,212.451	-9,434.07	-24,084.98
	NPGC_INFIRM	0.000	-488.182	-14,58,785.581	0.00	0.00
	DARLIPALI_INFIRM	0.000	-81.507	-2,47,382.031	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 11-03-19 TO 17/03/19	BSPHCL	-5,00,632.99	-4,99,339.13	-45,42,461.43	4,49,133.00	-42,18,081.18	-1,20,77,888.95
	JUVNL	-1,17,568.96	-1,15,621.28	29,37,303.30	46,83,405.00	-12,14,893.07	-61,50,440.35
	DVC	3,36,633.60	3,35,938.15	-14,73,696.39	-23,24,795.00	-31,87,747.53	-9,74,424.91
	GRIDCO	-2,52,255.77	-2,64,463.62	-2,82,62,895.86	-2,54,54,242.00	-53,96,389.90	-1,20,18,205.94
	SIKIM	-11,780.89	-10,918.18	26,67,947.83	30,91,806.00	-2,47,557.70	-14,99,395.31
	WBSETCL	-2,76,098.66	-2,76,214.89	-3,56,042.64	20,09,048.00	-20,64,196.79	-38,77,593.88
	NER	-26,168.86	68,700.50	32,55,62,821.00	32,55,62,821.00	0.00	0.00
	NR	-1,93,210.75	-4,55,756.26	-88,87,93,088.00	-88,87,93,088.00	0.00	0.00
	SR	-4,34,060.08	-4,36,033.65	-1,33,38,128.00	-1,33,38,128.00	0.00	0.00
	WR	1,16,031.68	3,19,751.09	67,78,31,876.00	67,78,31,876.00	0.00	0.00
	FSTPP-I & II	2,15,438.75	2,11,858.12	-73,35,969.70	-73,35,969.70	-4,02,506.26	-24,11,816.30
	KHSTPP-I	95,838.49	94,932.61	-13,47,572.67	-13,47,572.67	-43,291.84	-72,830.61
	KHSTPP-II	2,08,052.01	2,06,823.74	-16,56,117.93	-16,56,117.93	-90,898.74	-12,063.78
	TSTPP	1,49,716.55	1,49,046.00	-9,83,308.05	-9,83,308.05	-1,39,833.28	-3,66,309.60
	FSTPP-III	65,514.94	64,804.13	-14,52,338.64	-14,52,338.64	-1,20,938.28	-3,52,001.86
	TEESTA	27,235.00	28,246.36	11,76,646.99	11,76,646.99	-52,825.50	-48,928.95
	MAITHON R/B	1,43,310.06	1,43,635.42	10,60,026.92	10,60,026.92	-87,196.42	-87,171.87
	RANGIT	2,842.50	2,898.99	1,12,351.06	1,12,351.06	-14,003.37	-1,62,202.09
	BARH	1,92,578.03	1,91,546.07	-15,83,721.61	-15,83,721.61	-64,728.43	-2,54,685.95
	NVUN-NEPAL	-39,946.19	-40,044.96	-4,71,263.00	-4,71,263.00	-3,04,459.08	-3,16,274.01
	APNRL	51,828.50	51,842.76	1,40,613.34	1,40,613.34	-27,442.19	-27,449.99
	GMRKEL	1,01,173.06	98,755.42	-56,92,626.49	-56,92,626.49	-1,64,257.22	-1,86,235.23
	JITPL	82,604.33	82,367.05	-4,75,142.36	-4,75,142.36	-20,771.68	-1,48,910.64
	TPTCL	3,037.97	2,724.50	-7,82,478.97	-7,82,478.97	-15,135.86	0.00
	BRBCL	86,343.46	86,105.23	-4,28,375.84	-4,28,375.84	-2,52,205.41	-65,223.45
	TALCHER SOLAR	285.03	273.93	-1,06,919.00	-1,06,919.00	0.00	0.00
	JORETHANG HEP	1,740.06	1,724.42	67,831.63	67,831.63	-9,024.69	-18,135.54
	IND Barath	0.00	0.00	0.00	0.00	0.00	0.00
	HVDC SASARAM	-51.24	-78.24	-96,136.00	-96,136.00	-2,781.91	-2,81,833.88
	VAE	11,812.47	0.00	-4,43,34,368.13	-4,43,34,368.13	0.00	0.00
	NVUN-BD	-1,13,994.16	-1,14,714.62	-31,89,822.00	-31,89,822.00	-6,11,270.11	-78,30,375.35
	CHUZACHEN	2,353.02	2,378.72	52,693.16	52,693.16	-3,247.94	-4,78,435.75
	TUL	46,981.05	46,239.71	-2,05,944.07	-2,05,944.07	-12,330.02	-2,13,223.35
	DIKCHU	2,195.98	1,952.55	-5,92,609.95	-5,92,609.95	-51,345.36	-1,80,099.48
	THEP	2,457.06	2,441.63	1,50,559.63	1,50,559.63	-19,778.02	-2,27,234.72
	HVDC ALIPURDUAR	-102.33	-80.96	68,863.00	68,863.00	-6,840.43	-4,767.99
	OPGC_INFIRM	0.00	-999.70	-33,63,724.51	-33,63,724.51	0.00	0.00
	MTPS-II	45,511.46	44,818.41	-15,53,716.18	-15,53,716.18	-99,070.03	-1,61,300.06
	NPGC_INFIRM	0.00	-2,019.42	-66,17,376.45	-66,17,376.45	0.00	0.00
	DARLIPALI_INFIRM	0.00	-365.39	-12,24,281.39	-12,24,281.39	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: 28/03/2019

RRAS Account for Week: 11-Mar-19 to 17-Mar-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	318.21700	265711	793633	159109	1218455
2	FSTPP-III	79.00000	118816	198052	39500	356368
3	KHSTPP-I	47.53000	50619	102997	23765	177381
4	KHSTPP-II	484.97000	532497	1004686	242484	1779665
5	TSTPP-I	0.00000	0	0	0	0
6	BARH	179.15900	334132	397196	89579	820907
7	BRBCL	257.96000	625470	472603	128980	1227052
8	MTPS-II	221.43200	520142	612037	110716	1242896
	Total	1588.26800	2447387	3581204	794133	6822724

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	448.80248	860476	645357
2	MTPS-II	1019.61355	2773349	2080012
3	FSTPP I & II	4354.89172	11113638	8335229
4	FSTPP-III	1603.26022	4106861	3080146
5	KHSTPP-I	2045.54204	4586993	3440245
6	KHSTPP-II	1379.90521	2946349	2209762
7	TSTPP-I	117.50000	198732	149049
8	BARH	2154.64741	4769518	3577138
	Total	13124.16264	31355918	23516939

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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	318.21700	136028	BSPHCL
			26311	JUVNL
			10781	SIKKIM
			25317	WBSETCL
			2724	WB SOLAR
			11588	ASSAM
			5078	DELHI
			12345	HARYANA
			15558	RAJASTHAN
			19981	UP
2	FSTPP-III	79.00000	93669	BSPHCL
			11235	JUVNL
			12590	WBSETCL
			1322	WB SOLAR
3	KHSTPP-I	47.53000	2668	SIKKIM
			14427	DELHI
			12750	HARYANA
			1100	HVDC_PUSAULI
			14823	RAJASTHAN
4	KHSTPP-II	484.97000	4851	UP
			1228	SIKKIM
			5986	CHATTISGARH
			91739	DELHI
			781	GUJARAT
			36558	HARYANA
			60997	MAHARASHTRA
			90628	PUNJAB
			126901	RAJASTHAN
40414	UP			
77265	UTTARAKHAND			
5	TSTPP-I	0.00000	0	-
6	BARH	179.15900	6880	HVDC_APD
			213809	BSPHCL
			99040	JUVNL
			14403	SIKKIM
7	BRBCL	257.96000	17729	BIHAR_RAILWAYS
			13779	DVC_RAILWAYS
			89868	MAHARASHTRA RAILWAYS
			132653	MP RAILWAYS
			252462	RAILWAYS
			118979	UP
8	MTPS-II	221.43200	180033	BSPHCL
			321417	GRIDCO
			18692	WBSETCL
	Total	1588.26800	2447387	

A) RRAS settlement account for the week 11-Mar-19 to 17-Mar-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: 28/03/2019

FRAS Account for Week: 11-Mar-19 to 17-Mar-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	1.25	129.25	130.5	13050	13050
2	RANGIT	0.5	7	7.5	750	750

A) FRAS settlement account for the week 11-Mar-19 to 17-Mar-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.