



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/2903-2926

दिनांक : 20 अप्रैल, 2022

No. NRPC/Comml/234/ RRAS/2022/2903-2926

Dated : 20 April, 2022

सेवामें/To,

संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 28 मार्च से 03 अप्रैल, 22 के सप्ताह का आरक्षित विनियम आनुषंगिक सेवा लेखा, ए.जी.सी. लेखा तथा एफ. आर. ए. एस लेखा।

**Subject: Accounts of Reserves Regulation Ancillary Services, AGC and FRAS for the week 28<sup>th</sup> March to 03<sup>rd</sup> April, 2022.**

(सप्ताह सं. WEEK No. 01/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग आनुषंगिक सेवा) प्रचालन ,विनियम ( 2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए दिनांक 28 मार्च से 03 अप्रैल, 2022 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा व्यवस्थापन लेखा तथा याचिका संख्या 79/RC/2017 एवं 07/SM/2018 में आयोग के आदेशानुसार तैयार किये गए ए.सी.जी. लेखा तथा एफ. आर. ए. एस लेखा का विवरण संलग्न है।

Please find enclosed herewith the RRAS Settlement Account prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services Operations) Regulations, 2015 and Detailed Procedure for Ancillary Services Operations and Account for A.G.C. and F.R.A.S. in accordance with CERC orders in petition no. 79/RC/2017 and 07/SM/2018, for the 28<sup>th</sup> March to 03<sup>rd</sup> April, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (Saumitra Mazumdar)

अधीक्षण अभियंता (प्रचालन / संरक्षण / वाणिज्य)

Superintending Engineer(Operation/Protection/Commercial)

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022

## FORMAT - AS7

## A. Payment 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)	Variable Charges (Rs)	Markup as per CERC Order (Rs)	Total Charges (Rs)
1	DADRI TPS	1449.8750	1410728	5109359	724937	7245024
2	DADRI-II TPS	2525.7725	3629535	8850307	1262886	13742728
3	IGSTPS-JHAJJAR	1941.2150	3135062	6943726	970608	11049396
4	RIHAND STPS	164.5100	138846	236401	82256	457503
5	RIHAND-II STPS	106.3775	74889	152439	53189	280517
6	RIHAND-III STPS	89.2250	128752	126254	44613	299619
7	SINGRAULI STPS	248.4725	162749	367739	124235	654723
8	TANDA-II STPS	6455.0275	9605081	19300533	3227514	32133128
9	UNCHAHAAR-I TPS	2772.3050	2996861	9528412	1386152	13911425
10	UNCHAHAAR-II TPS	947.4175	955944	3285645	473708	4715297
11	UNCHAHAAR-III TPS	1146.2350	1543978	3939610	573117	6056705
12	UNCHAHAAR-IV TPS	4638.3350	7231164	15028205	2319168	24578537
13	AURAIYA CRF	370.1775	235063	8445970	185089	8866122
14	AURAIYA LF	2949.3900	1872863	48667885	1474695	52015443
15	AURAIYA RF	778.2175	494168	8296577	389110	9179855
16	DADRI CRF	4227.9275	2439514	91868636	2113964	96422114
17	DADRI LF	27063.2025	15615467	535445463	13531600	564592530
18	DADRI RF	10793.6875	6227958	109599102	5396844	121223904
Total						967424570

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022**  
FORMAT - AS7

B. Payment by the RRAS Provider(s) to the DSM Pool for the Down Regulation

<b>Sr. No.</b>	<b>RRAS Provider Name</b>	<b>Energy scheduled from VAE under RRAS (MWh)</b>	<b>Total Variable Charges for generation reduced(Rs)</b>	<b>Variable charges to be paid to the DSM Pool(Rs)</b>
1	DADRI-II TPS	57.7675	202418	151813
2	IGSTPS-JHAJJAR	1261.2250	4511402	3383551
3	UNCHAHAR-III TPS	6.6050	22701	17026
4	DADRI CRF	64.1000	1392829	1044621
Total				4597011

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022

## FORMAT - AS7

## 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	<b>DADRI TPS :-</b>			
		131.7639	128206	GUJRAT
		1318.1111	1282522	UTTAR PRADESH
	Total	1449.8750	1410728	
2	<b>DADRI-II TPS :-</b>			
		38.0900	54734	CHANDIGARH
		279.2902	401340	DELHI
		19.9952	28733	HARYANA
		0.3833	551	MADHYA PRADESH
		1.7459	2509	PG-BHIWADI
		39.0590	56128	PG-KURUKSHETRA
		246.2285	353830	RAJASTHAN
		15.1719	21803	UTTARAKHAND
		1885.8100	2709907	UTTAR PRADESH
	Total	2525.7740	3629535	
3	<b>IGSTPS-JHAJJAR :-</b>			
		270.7520	437265	CHANDIGARH
		841.5508	1359107	DELHI
		189.8134	306548	HARYANA
		1.1771	1901	MADHYA PRADESH
		138.6070	223851	UTTARAKHAND
		499.3141	806390	UTTAR PRADESH
	Total	1941.2144	3135062	
4	<b>RIHAND STPS :-</b>			
		80.4594	67908	CHANDIGARH
		0.2556	216	DELHI
		83.7950	70722	UTTARAKHAND
	Total	164.5100	138846	
5	<b>RIHAND-II STPS :-</b>			
		54.3813	38284	CHANDIGARH
		23.7924	16750	DELHI
		28.2038	19855	UTTARAKHAND
	Total	106.3775	74889	

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022

## FORMAT - AS7

## 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
6	<b>RIHAND-III STPS :-</b>			
		35.4710	51185	CHANDIGARH
		53.7540	77567	UTTARAKHAND
	Total	89.2250	128752	
7	<b>SINGRAULI STPS :-</b>			
		27.1125	17758	CHANDIGARH
		221.3600	144991	UTTAR PRADESH
	Total	248.4725	162749	
8	<b>TANDA-II STPS :-</b>			
		244.7942	364255	CHANDIGARH
		139.6970	207869	GUJRAT
		7.2722	10821	MADHYA PRADESH
		398.0605	592314	RAJASTHAN
		351.2689	522688	UTTARAKHAND
		5313.9342	7907134	UTTAR PRADESH
	Total	6455.0270	9605081	
9	<b>UNCHAHAHAR-I TPS :-</b>			
		49.8105	53846	CHANDIGARH
		0.0956	103	DELHI
		95.7086	103461	GUJRAT
		2.9512	3191	HARYANA
		0.4180	452	MADHYA PRADESH
		49.5784	53594	RAJASTHAN
		410.3638	443604	UTTARAKHAND
		2163.3792	2338610	UTTAR PRADESH
	Total	2772.3053	2996861	
10	<b>UNCHAHAHAR-II TPS :-</b>			
		33.1877	33486	CHANDIGARH
		8.3173	8392	DELHI
		8.7234	8803	HARYANA
		0.3312	334	MADHYA PRADESH
		157.2603	158675	RAJASTHAN
		90.6882	91504	UTTARAKHAND

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022

## FORMAT - AS7

## 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
		648.9105	654750	UTTAR PRADESH
	Total	947.4186	955944	
11	<b>UNCHAHAR-III TPS :-</b>			
		29.4061	39610	CHANDIGARH
		0.4783	645	DELHI
		7.2717	9794	HARYANA
		0.3062	412	MADHYA PRADESH
		175.8255	236837	RAJASTHAN
		153.8880	207287	UTTARAKHAND
		779.0590	1049393	UTTAR PRADESH
	Total	1146.2348	1543978	
12	<b>UNCHAHAR-IV TPS :-</b>			
		123.6668	192797	CHANDIGARH
		12.9694	20219	HARYANA
		243.1479	379068	RAJASTHAN
		170.3089	265511	UTTARAKHAND
		4088.2418	6373569	UTTAR PRADESH
	Total	4638.3348	7231164	
13	<b>AURAIYA GPP:-</b>			
		136.944600	86960	CHANDIGARH
		483.540800	307048	DELHI
		151.215700	96021	HIMACHAL PRADESH
		64.988400	41267	HARYANA
		467.885400	297107	JAMMU AND KASHMIR
		12.303400	7814	MADHYA PRADESH
		103.781300	65901	PUNJAB
		492.143900	312511	RAJASTHAN
		274.422200	174259	UTTARAKHAND
		1895.838300	1203858	UTTAR PRADESH
	Total	4083.064000	2592746	
14	<b>DADRI GPP:-</b>			
		1247.530500	719827	CHANDIGARH
		4546.465700	2623312	DELHI

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022**

FORMAT - AS7

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries

<b>Sr. No.</b>	<b>RRAS Provider Name</b>	<b>Energy scheduled to VAE under RRAS (MWh)</b>	<b>Fixed Charges to be refunded (Rs)</b>	<b>To Beneficiary Name</b>
		1442.769500	832478	HIMACHAL PRADESH
		1829.904800	1055856	HARYANA
		4424.247600	2552790	JAMMU AND KASHMIR
		116.252600	67078	MADHYA PRADESH
		4875.865200	2813376	PUNJAB
		4640.007600	2677283	RAJASTHAN
		2380.009600	1373266	UTTARAKHAND
		16555.019900	9552246	UTTAR PRADESH
	Total	42058.073000	24267512	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022**  
D. Payment to the AGC Provider from the DSM Pool

Sr. No.	Owner Name	AGC Provider Name	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
1	<b>NTPC :-</b>							
		DADRI-II TPS	0.0000	0	0.0000	0	0	0
		RIHAND STPS	108.8017	3715.7000	-3606.8983	-5183108	1912251	-3270857
		RIHAND-II STPS	124.3007	4352.2058	-4227.9051	-6058588	2238253	-3820334
		RIHAND-III STPS	104.7620	3749.4991	-3644.7371	-5157304	1927131	-3230173
		SINGRAULI STPS	50.4103	4577.6438	-4527.2335	-6700306	2314027	-4386279
		TANDA-II STPS	270.2071	4147.8894	-3877.6823	-11594301	2209048	-9385253
		UNCHAHAAR-II TPS	234.2355	1893.2514	-1659.0159	-5753480	1063743	-4689737
		UNCHAHAAR-III TPS	60.1588	1498.6904	-1438.5316	-4944228	779425	-4164803
		UNCHAHAAR-IV TPS	799.6032	1417.0866	-617.4834	-2000646	1108345	-892301
	<b>Total :-</b>							-33839737
2	<b>NHPC :-</b>							
		BAIRASIUL HEP	0.0000	0	0.0000	0	0	0
		CHAMERA HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-II HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-III HEP	392.3428	494.3755	-102.0327	-200998	443359	242361
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							242361
3	<b>SJVN :-</b>							
		NATHPA JHAKRI HEP	190.3838	108.8241	81.5597	95099	149604	244703
		RAMPUR HEP	51.4032	29.3828	22.0204	47544	40393	87937
	<b>Total :-</b>							332640
4	<b>THDC :-</b>							
		KOTESHWAR	370.7615	21.2511	349.5104	808762	196006	1004769
		TEHRI HEP	64.2848	177.5092	-113.2244	-208338	120897	-87441
	<b>Total :-</b>							917328
5	<b>APCPL :-</b>							
		IGSTPS-JHAJJAR	1632.8506	4250.4695	-2617.6189	-9363219	2941660	-6421559
	<b>Total :-</b>							-6421559

Note: Above calculations are based on the directions of Hon'ble CERC in order dated 06.12.2017 in Petition No. 79/RC/2017



Northern Regional Power Committee  
**RRAS Settlement Account For The Week 28/03/2022 To 3/04/2022**  
E. Payment to the FRAS Provider from the DSM Pool

<b>Sr. No.</b>	<b>FRAS Provider Name</b>	<b>Up regulation due to FRAS (MWh)</b>	<b>Down regulation due to FRAS (MWh)</b>	<b>Markup Charges as per CERC order (Rs)</b>
1	CHAMERA HEP	0	0	0
2	CHAMERA-II HEP	0	0	0
3	CHAMERA-III HEP	0	0	0
4	DEHAR HEP	0	0	0
5	DULHASTI HEP	0	0	0
6	KOLDAM HEP	0	0	0
7	KOTESHWAR	0	0	0
8	NATHPA JHAKRI HEP	0	0	0
9	PONG HEP	0	0	0
10	PARBATI-III	0	0	0
11	RAMPUR HEP	0	0	0
12	SEWA-II HEP	0	0	0
13	TEHRI HEP	0	0	0
<b>Total</b>				0

Note: Above calculations are based on the directions of Hon'ble CERC in order dated 16.07.2018 in Petition No. 07/SM/2018