



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/

No. NRPC/Comml/234/ RRAS/2022/

दिनांक : 6 अप्रैल, 2022

Dated : 6 April, 2022

सेवामें/To,

संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 14 से 20 मार्च, 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 14<sup>th</sup> to 20<sup>th</sup> March, 2022.**

(सप्ताह सं. WEEK No. 51/ वि.व. F.Y. 2021-22)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग आनुषंगिक सेवा) प्रचालन, विनियम ( 2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए दिनांक 14 से 20 मार्च, 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 14<sup>th</sup> to 20<sup>th</sup> March, 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 14/03/2022 To 20/03/2022

## 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-II TPS	614.8075	883479	2168180	307406	3359065
2	IGSTPS-JHAJJAR	846.5650	1367203	3035801	423282	4826286
3	RIHAND STPS	117.7550	99385	169190	58876	327451
4	RIHAND-II STPS	108.8175	76608	155935	54409	286952
5	RIHAND-III STPS	62.5150	90209	88459	31258	209926
6	SINGRAULI STPS	55.6450	36448	84259	27823	148530
7	TANDA-II STPS	1941.4700	2888908	5729808	970734	9589450
8	UNCHAHAHAR-I TPS	844.7300	913153	2965380	422365	4300898
9	UNCHAHAHAR-II TPS	629.1000	634762	2212137	314549	3161448
10	UNCHAHAHAR-III TPS	838.5525	1129529	2926248	419276	4475053
11	UNCHAHAHAR-IV TPS	2728.4925	4253720	9024492	1364246	14642458
12	ANTA CRF	507.9025	360103	10906566	253951	11520620
13	ANTA LF	788.7550	559227	13785595	394378	14739200
14	ANTA RF	156.2500	110781	1636008	78125	1824914
15	AURAIYA CRF	356.9000	226632	8143030	178450	8548112
16	AURAIYA LF	1671.7175	1061540	27177658	835859	29075057
17	AURAIYA RF	82.5000	52388	879532	41250	973170
18	DADRI CRF	709.4975	409381	14811422	354749	15575552
19	DADRI LF	2186.2550	1261469	43255054	1093126	45609649
20	DADRI RF	640.0000	369280	6498560	320000	7187840
Total						180381631

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/03/2022 To 20/03/2022**  
 FORMAT - AS7

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

Sr. No.	RRAS Provider Name	Energy scheduled from VAE under RRAS (MWh)	Total Variable Charges for generation reduced(Rs)	Variable charges to be paid to the DSM Pool(Rs)
1	DADRI-II TPS	742.1200	2600465	1950349
2	IGSTPS-JHAJJAR	10379.7100	37129597	27847198
3	RIHAND STPS	22.5725	32437	24328
4	RIHAND-II STPS	18.5525	26586	19940
5	SINGRAULI STPS	58.8775	87139	65354
6	TANDA-II STPS	3521.5900	10529554	7897165
7	UNCHAHAR-I TPS	610.8800	2103238	1577428
8	UNCHAHAR-II TPS	125.3275	438384	328787
9	UNCHAHAR-III TPS	108.4950	374749	281061
10	UNCHAHAR-IV TPS	276.2925	895188	671391
Total				40663001

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 14/03/2022 To 20/03/2022

## 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-II TPS :-</b>			
		9.7086	13951	CHANDIGARH
		13.9969	20114	DELHI
		3.2463	4665	PG-KURUKSHETRA
		61.9126	88968	RAJASTHAN
		1.7500	2515	UTTARAKHAND
		524.1932	753266	UTTAR PRADESH
	Total	614.8076	883479	
2	<b>IGSTPS-JHAJJAR :-</b>			
		124.3370	200805	CHANDIGARH
		403.1617	651107	DELHI
		82.6871	133540	HARYANA
		91.6821	148066	UTTARAKHAND
		144.6966	233685	UTTAR PRADESH
	Total	846.5645	1367203	
3	<b>RIHAND STPS :-</b>			
		51.5601	43516	CHANDIGARH
		66.1949	55869	UTTARAKHAND
	Total	117.7550	99385	
4	<b>RIHAND-II STPS :-</b>			
		61.3141	43165	CHANDIGARH
		47.5034	33443	UTTARAKHAND
	Total	108.8175	76608	
5	<b>RIHAND-III STPS :-</b>			
		21.5866	31149	CHANDIGARH
		40.9284	59060	UTTARAKHAND
	Total	62.5150	90209	
6	<b>SINGRAULI STPS :-</b>			
		10.3401	6773	CHANDIGARH
		22.1324	14497	DELHI
		23.1726	15178	UTTARAKHAND
	Total	55.6451	36448	
7	<b>TANDA-II STPS :-</b>			

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/03/2022 To 20/03/2022**  
 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
		100.4783	149512	CHANDIGARH
		0.6332	942	MADHYA PRADESH
		279.4235	415782	RAJASTHAN
		157.0326	233665	UTTARAKHAND
		1403.9023	2089007	UTTAR PRADESH
	Total	1941.4699	2888908	
8	<b>UNCHA HAR-I TPS :-</b>			
		13.5035	14597	CHANDIGARH
		5.7470	6213	DELHI
		32.7849	35440	GUJRAT
		56.4899	61065	RAJASTHAN
		95.0477	102746	UTTARAKHAND
		641.1569	693092	UTTAR PRADESH
	Total	844.7299	913153	
9	<b>UNCHA HAR-II TPS :-</b>			
		17.3852	17542	CHANDIGARH
		5.6814	5732	DELHI
		1.5536	1568	HARYANA
		84.5484	85310	RAJASTHAN
		28.7928	29053	UTTARAKHAND
		491.1395	495557	UTTAR PRADESH
	Total	629.1009	634762	
10	<b>UNCHA HAR-III TPS :-</b>			
		16.0151	21572	CHANDIGARH
		18.6344	25101	DELHI
		98.2886	132395	RAJASTHAN
		66.8598	90060	UTTARAKHAND
		638.7541	860401	UTTAR PRADESH
	Total	838.5520	1129529	
11	<b>UNCHA HAR-IV TPS :-</b>			
		63.0730	98331	CHANDIGARH
		0.0978	152	MADHYA PRADESH
		105.2207	164040	RAJASTHAN

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/03/2022 To 20/03/2022**  
 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
		102.4530	159724	UTTARAKHAND
		2457.6478	3831473	UTTAR PRADESH
	Total	2728.4923	4253720	
12	<b>ANTA GPP:-</b>			
		41.802700	29638	CHANDIGARH
		176.161100	124898	DELHI
		63.411500	44959	HIMACHAL PRADESH
		297.045600	210605	JAMMU AND KASHMIR
		4.251000	3013	MADHYA PRADESH
		350.893600	248784	RAJASTHAN
		101.673700	72086	UTTARAKHAND
		417.669600	296128	UTTAR PRADESH
	Total	1452.908800	1030111	
13	<b>AURAIYA GPP:-</b>			
		49.415000	31378	CHANDIGARH
		280.965000	178413	DELHI
		85.892800	54541	HIMACHAL PRADESH
		424.810700	269755	JAMMU AND KASHMIR
		6.209100	3944	MADHYA PRADESH
		238.018600	151143	RAJASTHAN
		149.279300	94791	UTTARAKHAND
		876.527800	556595	UTTAR PRADESH
	Total	2111.118300	1340560	
14	<b>DADRI GPP:-</b>			
		64.541000	37240	CHANDIGARH
		378.216800	218232	DELHI
		106.740500	61589	HIMACHAL PRADESH
		175.182200	101080	HARYANA
		600.726200	346620	JAMMU AND KASHMIR
		8.510900	4911	MADHYA PRADESH
		563.845800	325339	PUNJAB
		329.087300	189883	RAJASTHAN
		192.204000	110901	UTTARAKHAND

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/03/2022 To 20/03/2022**

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>
		1116.698000	644335	UTTAR PRADESH
	Total	3535.752700	2040130	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/03/2022 To 20/03/2022**  
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	207.9775	3418.8138	-3210.8363	-4611807	1813396	-2798411
		RIHAND-II STPS	43.7743	5041.1575	-4997.3832	-7158361	2542466	-4615895
		RIHAND-III STPS	91.2067	3667.8794	-3576.6727	-5058675	1879543	-3179132
		SINGRAULI STPS	91.9174	3823.3509	-3731.4335	-5584256	1957634	-3626621
		TANDA-II STPS	875.5679	4040.9480	-3165.3801	-9406955	2458258	-6948697
		UNCHAHAAR-II TPS	199.7096	1215.2885	-1015.5789	-3579535	707499	-2872036
		UNCHAHAAR-III TPS	159.6045	1192.8233	-1033.2188	-3628370	676214	-2952156
		UNCHAHAAR-IV TPS	1277.4654	1117.9637	159.5017	488774	1197715	1686488
	<b>Total :-</b>							-25306460
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	303.7364	401.3213	-97.5849	-192228	352529	160301
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							160301
3	<b>SJVN :-</b>							
		NATHPA JHAKRI HEP	226.3769	357.1356	-130.7587	-152464	291756	139292
		RAMPUR HEP	61.1219	96.4256	-35.3037	-76222	78774	2551
	<b>Total :-</b>							141843
4	<b>THDC :-</b>							
		KOTESHWAR	280.9959	36.1287	244.8672	566617	158562	725179
		TEHRI HEP	28.5804	219.8506	-191.2702	-360576	124216	-236360
	<b>Total :-</b>							488819
5	<b>APCPL :-</b>							
		IGSTPS-JHAJJAR	2929.7546	3451.8811	-522.1265	-1894744	3190818	1296074
	<b>Total :-</b>							1296074

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 14/03/2022 To 20/03/2022**  
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