



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./2022/3266-3289

No. NRPC/Comml/234/ RRAS/2022/3266-3289

दिनांक : 2 मई, 2022

Dated : 2 May, 2022

सेवामें/To,

संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 11 से 17 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 11<sup>th</sup> to 17<sup>th</sup> April, 2022.**

(सप्ताह सं. WEEK No. 03/ 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 11 से 17 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 11<sup>th</sup> to 17<sup>th</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 11/04/2022 To 17/04/2022

## 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-II TPS	1601.6275	2301537	5727490	800814	8829841
2	IGSTPS-JHAJJAR	802.8650	1296627	2876873	401433	4574933
3	RIHAND STPS	47.4950	40086	68135	23748	131969
4	RIHAND-II STPS	16.4650	11591	23588	8233	43412
5	RIHAND-III STPS	50.0600	72237	70831	25030	168098
6	SINGRAULI STPS	6.7550	4425	9997	3376	17798
7	TANDA-II STPS	814.5250	1212014	2434148	407262	4053424
8	UNCHAHAHAR-I TPS	475.9125	514461	1634532	237956	2386949
9	UNCHAHAHAR-II TPS	560.1150	565156	1931774	280058	2776988
10	UNCHAHAHAR-III TPS	418.0700	563141	1430331	209035	2202507
11	UNCHAHAHAR-IV TPS	1794.4350	2797524	5794643	897217	9489384
12	ANTA CRF	40.0000	28360	900000	20000	948360
13	ANTA RF	1588.6300	1126339	16664729	794315	18585383
14	AURAIYA LF	1133.7575	719935	18708134	566879	19994948
15	AURAIYA RF	1260.6900	800538	13440217	630345	14871100
16	DADRI CRF	5500.7625	3173939	119526069	2750381	125450389
17	DADRI LF	7342.4050	4236567	145269483	3671202	153177252
18	DADRI RF	485.6850	280241	4931646	242842	5454729
Total						373157464

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 11/04/2022 To 17/04/2022**  
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	629.6075	2368917	1776689
2	IGSTPS-JHAJJAR	837.8200	3010136	2257602
3	UNCHAHAR-I TPS	19.9525	68577	51433
4	UNCHAHAR-II TPS	48.9175	169318	126988
5	UNCHAHAR-III TPS	15.0000	51555	38666
6	UNCHAHAR-IV TPS	18.4525	59786	44840
Total				4296218

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 11/04/2022 To 17/04/2022

## 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-II TPS :-</b>			
		21.4837	30873	CHANDIGARH
		527.1320	757489	DELHI
		1.2746	1831	HIMACHAL PRADESH
		4.6810	6726	HARYANA
		0.3942	566	MADHYA PRADESH
		5.3739	7722	PUNJAB
		10.1839	14634	PG-BHIWADI
		34.7214	49894	PG-KURUKSHETRA
		49.9979	71847	RAJASTHAN
		1.2811	1841	UTTARAKHAND
		945.1044	1358114	UTTAR PRADESH
	Total	1601.6281	2301537	
2	<b>IGSTPS-JHAJJAR :-</b>			
		112.0843	181017	CHANDIGARH
		196.8781	317958	DELHI
		250.7484	404956	HARYANA
		21.3300	34448	JAMMU AND KASHMIR
		0.8478	1369	MADHYA PRADESH
		11.5371	18633	PUNJAB
		18.6253	30081	UTTARAKHAND
		190.8141	308165	UTTAR PRADESH
	Total	802.8651	1296627	
3	<b>RIHAND STPS :-</b>			
		30.6100	25835	CHANDIGARH
		16.8850	14251	HIMACHAL PRADESH
	Total	47.4950	40086	
4	<b>RIHAND-II STPS :-</b>			
		16.4650	11591	HIMACHAL PRADESH
	Total	16.4650	11591	
5	<b>RIHAND-III STPS :-</b>			
		9.5486	13779	CHANDIGARH
		23.6589	34140	DELHI

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 11/04/2022 To 17/04/2022**  
 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
		16.8525	24318	HIMACHAL PRADESH
	Total	50.0600	72237	
6	<b>SINGRAULI STPS :-</b>			
		4.6450	3042	CHANDIGARH
		1.3500	885	HIMACHAL PRADESH
		0.7600	498	HARYANA
	Total	6.7550	4425	
7	<b>TANDA-II STPS :-</b>			
		25.9628	38632	CHANDIGARH
		2.6100	3885	HIMACHAL PRADESH
		7.8434	11671	UTTARAKHAND
		778.1088	1157826	UTTAR PRADESH
	Total	814.5250	1212014	
8	<b>UNCHAHAHAR-I TPS :-</b>			
		12.3386	13339	CHANDIGARH
		9.6816	10466	DELHI
		0.2116	229	HIMACHAL PRADESH
		4.4632	4825	HARYANA
		0.0458	50	MADHYA PRADESH
		1.9123	2067	PUNJAB
		7.3494	7945	RAJASTHAN
		45.6101	49304	UTTARAKHAND
		394.2998	426236	UTTAR PRADESH
	Total	475.9124	514461	
9	<b>UNCHAHAHAR-II TPS :-</b>			
		22.7105	22915	CHANDIGARH
		11.7386	11844	DELHI
		7.8650	7936	HIMACHAL PRADESH
		2.1330	2152	HARYANA
		0.0466	47	MADHYA PRADESH
		50.2749	50727	PUNJAB
		31.5778	31863	RAJASTHAN
		11.8035	11910	UTTARAKHAND

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 11/04/2022 To 17/04/2022**

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
		421.9648	425762	UTTAR PRADESH
	Total	560.1147	565156	
10	<b>UNCHAHAR-III TPS :-</b>			
		16.4724	22189	CHANDIGARH
		5.5392	7462	DELHI
		7.0794	9536	HIMACHAL PRADESH
		0.5550	748	HARYANA
		0.1754	236	MADHYA PRADESH
		32.9726	44415	PUNJAB
		27.5591	37122	RAJASTHAN
		10.9424	14739	UTTARAKHAND
		316.7740	426694	UTTAR PRADESH
	Total	418.0695	563141	
11	<b>UNCHAHAR-IV TPS :-</b>			
		57.7255	89994	CHANDIGARH
		0.9362	1460	HIMACHAL PRADESH
		0.8500	1325	HARYANA
		9.6645	15067	PUNJAB
		33.7546	52624	RAJASTHAN
		27.5422	42938	UTTARAKHAND
		1663.9621	2594116	UTTAR PRADESH
	Total	1794.4351	2797524	
12	<b>ANTA GPP:-</b>			
		59.422800	42130	CHANDIGARH
		205.587800	145761	DELHI
		70.676500	50111	HIMACHAL PRADESH
		32.179500	22816	HARYANA
		229.411800	162654	JAMMU AND KASHMIR
		4.739400	3360	MADHYA PRADESH
		38.499500	27296	PUNJAB
		391.100000	277290	RAJASTHAN
		100.490000	71248	UTTARAKHAND
		496.527800	352033	UTTAR PRADESH

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 11/04/2022 To 17/04/2022**  
 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
	Total	1628.635100	1154699	
13	<b>AURAIYA GPP:-</b>			
		77.713100	49347	CHANDIGARH
		309.316900	196417	DELHI
		100.781300	63997	HIMACHAL PRADESH
		49.176200	31228	HARYANA
		280.803800	178309	JAMMU AND KASHMIR
		6.981500	4435	MADHYA PRADESH
		58.888100	37394	PUNJAB
		279.269500	177338	RAJASTHAN
		155.718800	98882	UTTARAKHAND
		1075.792900	683126	UTTAR PRADESH
	Total	2394.442100	1520473	
14	<b>DADRI GPP:-</b>			
		500.625200	288862	CHANDIGARH
		1608.697500	928218	DELHI
		602.758300	347790	HIMACHAL PRADESH
		280.798200	162018	HARYANA
		565.249800	326149	JAMMU AND KASHMIR
		48.052800	27725	MADHYA PRADESH
		404.508900	233400	PUNJAB
		1858.314600	1072249	RAJASTHAN
		953.192800	549994	UTTARAKHAND
		6506.651700	3754342	UTTAR PRADESH
	Total	13328.849800	7690747	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 11/04/2022 To 17/04/2022**  
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	98.1147	3426.9535	-3328.8388	-4733286	1762534	-2970752
		RIHAND-II STPS	26.3250	5052.8895	-5026.5645	-7139418	2539607	-4599811
		RIHAND-III STPS	10.2747	4206.5724	-4196.2977	-5883668	2108424	-3775244
		SINGRAULI STPS	92.0714	3747.5583	-3655.4869	-5401282	1919815	-3481467
		TANDA-II STPS	32.2450	4286.3650	-4254.1200	-12368347	2159305	-10209042
		UNCHAHAAR-II TPS	237.5430	1987.4171	-1749.8741	-6017482	1112480	-4905002
		UNCHAHAAR-III TPS	25.1669	1577.5840	-1552.4171	-5301999	801375	-4500623
		UNCHAHAAR-IV TPS	510.0631	1275.0186	-764.9555	-2461374	892541	-1568834
	<b>Total :-</b>							-36010775
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	106.3316	598.6821	-492.3505	-969909	352507	-617402
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							-617402
3	<b>SJVN :-</b>							
		NATHPA JHAKRI HEP	107.7340	5.1122	102.6218	119657	56423	176080
		RAMPUR HEP	29.0883	1.3803	27.7080	58571	15234	73805
	<b>Total :-</b>							249885
4	<b>THDC :-</b>							
		KOTESHWAR	660.4065	82.3704	578.0361	1324858	371388	1696246
		TEHRI HEP	4.0612	76.6534	-72.5922	-112584	40357	-72227
	<b>Total :-</b>							1624019
5	<b>APCPL :-</b>							
		IGSTPS-JHAJJAR	1287.6272	3607.9914	-2320.3642	-8352541	2447809	-5904732
	<b>Total :-</b>							-5904732

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 11/04/2022 To 17/04/2022**

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