



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/7179-7202

दिनांक: 12 अगस्त, 2022

No. NRPC/Comml/234/ RRAS/2022/7179-7202

Dated: 12 August, 2022

सेवामें/To,

संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 25 से 31 जुलाई, 2022 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 25<sup>th</sup> to 31<sup>st</sup> July, 2022.**

(सप्ताह सं. WEEK No. 18/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवाप्रचालन विनियम ) 2015 व सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार किये गए दिनांक 25 से 31 जुलाई, 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 25<sup>th</sup> to 31<sup>st</sup> July, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (SaumitraMazumdar)

अधीक्षण अभियंता/ Superintending Engineer

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022

## 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	2035.0750	1980128	10313761	1017538	13311427
2	DADRI-II TPS	3107.1200	4328219	15200032	1553561	21081812
3	IGSTPS-JHAJJAR	2720.8300	4394139	14599973	1360415	20354527
4	RIHAND STPS	1361.1925	1148846	1984618	680598	3814062
5	RIHAND-II STPS	1751.0025	1344770	3332158	875500	5552428
6	RIHAND-III STPS	2548.2700	3677153	4806037	1274136	9757326
7	SINGRAULI STPS	787.8800	516061	1155821	393939	2065821
8	TANDA-II STPS	4489.9375	6595718	22288049	2244970	31128737
9	UNCHAHAR-I TPS	2090.7050	2260052	9757320	1045353	13062725
10	UNCHAHAR-II TPS	1571.3275	1722174	7399381	785663	9907218
11	UNCHAHAR-III TPS	1553.3275	2092333	7249380	776663	10118376
12	UNCHAHAR-IV TPS	4256.2300	7044061	18723157	2128113	27895331
13	ANTA LF	1408.3000	998484	30447446	704150	32150080
14	ANTA RF	2069.2125	1467071	29285564	1034606	31787241
15	AURAIYA LF	2885.9950	1832607	72369211	1442997	75644815
16	AURAIYA RF	2346.5800	1490078	33783712	1173290	36447080
17	DADRI CRF	295.8875	170727	5547891	147944	5866562
18	DADRI LF	9490.5425	5476042	247731632	4745271	257952945
19	DADRI RF	1195.7150	689928	16378904	597858	17666690
Total						625565203

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**  
 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 TPS	2673.6325	13549969	10162478
2	DADRI-II TPS	1507.6200	7375278	5531459
3	IGSTPS-JHAJJAR	7753.8600	41607213	31205409
4	RIHAND STPS	143.2450	208851	156638
5	RIHAND-II STPS	85.9200	163505	122629
6	RIHAND-III STPS	7.7575	14631	10973
7	SINGRAULI STPS	441.7125	647992	485994
8	TANDA-II STPS	1696.8375	8423101	6317326
9	UNCHAHAR-I TPS	263.7825	1231073	923305
10	UNCHAHAR-II TPS	7.5000	35318	26488
11	UNCHAHAR-III TPS	41.3900	193167	144875
Total				55087574

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**

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>			
		1207.1051	1174513	GUJRAT
		381.2676	370973	RAJASTHAN
		446.7023	434642	UTTAR PRADESH
	Total	2035.0750	1980128	
2	<b>DADRI-II TPS :-</b>			
		24.5203	34157	CHANDIGARH
		290.5785	404776	DELHI
		1697.9635	2365266	HARYANA
		51.7226	72050	JAMMU AND KASHMIR
		2.6860	3741	MADHYA PRADESH
		3.2924	4586	PUNJAB
		3.8047	5300	PG-BHIWADI
		17.2008	23960	PG-KURUKSHETRA
		218.8778	304896	RAJASTHAN
		1.3396	1866	UTTARAKHAND
		795.1339	1107621	UTTAR PRADESH
	Total	3107.1201	4328219	
3	<b>IGSTPS-JHAJJAR :-</b>			
		111.2339	179643	CHANDIGARH
		302.2462	488128	DELHI
		2178.0531	3517598	HARYANA
		88.9419	143641	JAMMU AND KASHMIR
		1.8516	2990	MADHYA PRADESH
		4.6649	7534	UTTARAKHAND
		33.8107	54605	UTTAR PRADESH
	Total	2720.8023	4394139	
4	<b>RIHAND STPS :-</b>			
		79.5593	67148	CHANDIGARH
		23.3624	19718	HARYANA
		1187.9930	1002665	JAMMU AND KASHMIR
		63.1964	53338	PUNJAB
		7.0812	5977	UTTARAKHAND

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**  
 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	1361.1923	1148846	
5	<b>RIHAND-II STPS :-</b>			
		39.3084	30188	CHANDIGARH
		0.8846	679	DELHI
		39.7802	30551	HARYANA
		485.9470	373207	JAMMU AND KASHMIR
		43.0914	33094	PUNJAB
		1141.9911	877051	UTTAR PRADESH
	Total	1751.0027	1344770	
6	<b>RIHAND-III STPS :-</b>			
		69.1635	99802	CHANDIGARH
		0.6065	875	DELHI
		122.4235	176657	HARYANA
		1065.1849	1537063	JAMMU AND KASHMIR
		50.2803	72554	PUNJAB
		1240.6118	1790202	UTTAR PRADESH
	Total	2548.2705	3677153	
7	<b>SINGRAULI STPS :-</b>			
		23.5574	15430	CHANDIGARH
		357.7587	234332	HARYANA
		90.2373	59105	JAMMU AND KASHMIR
		75.4272	49405	PUNJAB
		240.8993	157789	UTTAR PRADESH
	Total	787.8799	516061	
8	<b>TANDA-II STPS :-</b>			
		48.7066	71549	CHANDIGARH
		31.9943	46999	GUJRAT
		693.3814	1018577	JAMMU AND KASHMIR
		3.2871	4829	MADHYA PRADESH
		2.5104	3688	PUNJAB
		485.4338	713101	RAJASTHAN
		3224.6240	4736975	UTTAR PRADESH
	Total	4489.9376	6595718	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**  
 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
9	<b>UNCHAHAR-I TPS :-</b>			
		31.9816	34571	CHANDIGARH
		58.7129	63468	DELHI
		84.7803	91647	GUJRAT
		74.0280	80024	HARYANA
		217.8406	235488	JAMMU AND KASHMIR
		1.4062	1520	MADHYA PRADESH
		1.7551	1898	PUNJAB
		58.1431	62852	RAJASTHAN
		35.8568	38761	UTTARAKHAND
		1526.1991	1649823	UTTAR PRADESH
	Total	2090.7037	2260052	
10	<b>UNCHAHAR-II TPS :-</b>			
		30.7929	33749	CHANDIGARH
		35.0326	38397	DELHI
		77.5442	84988	HARYANA
		300.9806	329875	JAMMU AND KASHMIR
		2.3657	2593	MADHYA PRADESH
		68.1875	74733	PUNJAB
		294.1781	322417	RAJASTHAN
		16.0952	17641	UTTARAKHAND
		746.1498	817781	UTTAR PRADESH
	Total	1571.3266	1722174	
11	<b>UNCHAHAR-III TPS :-</b>			
		20.3347	27390	CHANDIGARH
		63.2510	85199	DELHI
		88.2500	118872	HARYANA
		240.3645	323771	JAMMU AND KASHMIR
		2.0661	2783	MADHYA PRADESH
		27.5893	37163	PUNJAB
		248.3735	334559	RAJASTHAN
		17.9046	24117	UTTARAKHAND
		845.1936	1138479	UTTAR PRADESH

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**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**  
 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	1553.3273	2092333	
12	<b>UNCHAHAR-IV TPS :-</b>			
		80.5525	133315	CHANDIGARH
		327.8177	542539	HARYANA
		1006.8332	1666307	JAMMU AND KASHMIR
		2.1513	3559	MADHYA PRADESH
		9.0363	14955	PUNJAB
		827.9930	1370328	RAJASTHAN
		19.6552	32530	UTTARAKHAND
		1982.1904	3280528	UTTAR PRADESH
	Total	4256.2296	7044061	
13	<b>ANTA GPP:-</b>			
		106.603000	75582	CHANDIGARH
		347.841300	246618	DELHI
		57.723000	40926	HARYANA
		411.523500	291771	JAMMU AND KASHMIR
		8.499600	6026	MADHYA PRADESH
		69.056100	48961	PUNJAB
		180.266800	127811	UTTARAKHAND
		890.687000	631497	UTTAR PRADESH
	Total	2072.200300	1469192	
14	<b>AURAIYA GPP:-</b>			
		135.025100	85741	CHANDIGARH
		506.153700	321407	DELHI
		85.445400	54258	HARYANA
		596.008700	378468	JAMMU AND KASHMIR
		12.130800	7703	MADHYA PRADESH
		102.323600	64974	PUNJAB
		270.577900	171817	UTTARAKHAND
		1869.251900	1186975	UTTAR PRADESH
	Total	3576.917100	2271343	
15	<b>DADRI GPP:-</b>			
		302.162400	174350	CHANDIGARH

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**

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>
		1324.681200	764341	DELHI
		203.053300	117161	HARYANA
		1402.034900	808973	JAMMU AND KASHMIR
		29.007500	16738	MADHYA PRADESH
		244.147200	140871	PUNJAB
		575.317900	331957	UTTARAKHAND
		4001.842200	2309063	UTTAR PRADESH
	Total	8082.246600	4663454	



Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/07/2022 To 31/07/2022**  
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	1880.6468	866.8135	1013.8333	4959736	1373730	6333466
		RIHAND STPS	33.8042	3921.3607	-3887.5565	-5668060	1977582	-3690477
		RIHAND-II STPS	42.4807	5880.3248	-5837.8441	-11109418	2961403	-8148015
		RIHAND-III STPS	8.7391	5357.7216	-5348.9825	-10088181	2683230	-7404951
		SINGRAULI STPS	27.7596	5816.2431	-5788.4835	-8491710	2922001	-5569709
		TANDA-II STPS	3962.4342	2346.9340	1615.5002	8019340	3154684	11174024
		UNCHAHAAR-II TPS	688.9019	1510.3980	-821.4961	-3868416	1099650	-2768766
		UNCHAHAAR-III TPS	282.9736	547.0920	-264.1184	-1232641	415033	-817608
		UNCHAHAAR-IV TPS	1293.6015	1286.2972	7.3043	32149	1289949	1322098
	<b>Total :-</b>							-9569938
2	<b>NHPC :-</b>							
		BAIRASIUL HEP	2.1872	18.5952	-16.4080	-18377	10391	-7986
		CHAMERA HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-II HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-III HEP	0.0742	70.4995	-70.4253	-138734	35287	-103447
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							-111433
3	<b>SJVN :-</b>							
		NATHPA JHAKRI HEP	0.0000	0	0.0000	0	0	0
		RAMPUR HEP	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							0
4	<b>THDC :-</b>							
		KOTESHWAR	232.2774	65.5788	166.6986	385745	148928	534673
		TEHRI HEP	223.2419	542.3846	-319.1427	-662228	382813	-279415
	<b>Total :-</b>							255258
5	<b>APCPL :-</b>							
		IGSTPS-JHAJJAR	1984.0195	1990.2923	-6.2728	-33663	1987156	1953493
	<b>Total :-</b>							1953493

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 25/07/2022 To 31/07/2022**  
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