



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/8098-8121

दिनांक: 07 सितंबर, 2022

No. NRPC/Comml/234/ RRAS/2022/8098-8121

Dated: 07 September, 2022

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 15 से 21 अगस्त, 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 15th to 21st August, 2022.

(सप्ताह सं. WEEK No. 21/ 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 15 से 21 अगस्त, 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 15th to 21st August, 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 15/08/2022 To 21/08/2022

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	2291.0800	2229219	12365924	1145540	15740683
2	DADRI-II TPS	2661.5725	3707571	13624590	1330787	18662948
3	IGSTPS-JHAJJAR	2191.9100	3539935	11449772	1095955	16085662
4	RIHAND STPS	2166.7950	1828775	3200452	1083397	6112624
5	RIHAND-II STPS	2820.2000	2165913	4499140	1410100	8075153
6	RIHAND-III STPS	1113.8650	1607306	1820241	556932	3984479
7	SINGRAULI STPS	2916.6900	1910433	4283067	1458346	7651846
8	TANDA-II STPS	3706.1900	5444393	17954291	1853096	25251780
9	UNCHAHAAR-I TPS	1336.2775	1444516	6217539	668138	8330193
10	UNCHAHAAR-II TPS	1719.4925	1884564	8068771	859747	10813082
11	UNCHAHAAR-III TPS	860.6325	1159271	3999875	430316	5589462
12	UNCHAHAAR-IV TPS	3309.1125	5476582	14497908	1654556	21629046
13	ANTA LF	618.4525	438483	13173038	309226	13920747
14	ANTA RF	1106.4500	784473	16179618	553225	17517316
15	AURAIYA LF	1049.9650	666727	21520083	524983	22711793
16	AURAIYA RF	1599.9500	1015968	23736858	799974	25552800
17	DADRI CRF	543.9050	313833	12489691	271952	13075476
18	DADRI LF	3670.3950	2117818	100352269	1835198	104305285
19	DADRI RF	110.0000	63470	1560020	55000	1678490
Total						346688865

Northern Regional Power Committee
RRAS Settlement Account For The Week 15/08/2022 To 21/08/2022
 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	1581.8775	8569030	6426773
2	DADRI-II TPS	3057.2525	15650077	11737557
3	IGSTPS-JHAJJAR	7767.1625	40365943	30274457
4	RIHAND STPS	567.0175	840419	630314
5	RIHAND-II STPS	807.3250	1270311	952733
6	RIHAND-III STPS	175.2050	290564	217923
7	SINGRAULI STPS	813.7775	1195160	896370
8	TANDA-II STPS	2460.7750	11801876	8851407
9	UNCHAHAR-I TPS	378.4175	1757993	1318495
10	UNCHAHAR-II TPS	91.1350	427059	320294
11	UNCHAHAR-III TPS	35.4350	164560	123420
12	UNCHAHAR-IV TPS	30.5950	133914	100436
Total				61850179

Northern Regional Power Committee
RRAS Settlement Account For The Week 15/08/2022 To 21/08/2022

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	DADRI TPS :-			
		1551.4299	1509539	GUJRAT
		475.2281	462396	RAJASTHAN
		264.4235	257284	UTTAR PRADESH
	Total	2291.0815	2229219	
2	DADRI-II TPS :-			
		23.4060	32605	CHANDIGARH
		248.0493	345534	DELHI
		1.6624	2316	HIMACHAL PRADESH
		1818.0404	2532533	HARYANA
		45.9193	63966	JAMMU AND KASHMIR
		12.2487	17062	MADHYA PRADESH
		4.0955	5704	PG-BHIWADI
		11.6773	16266	PG-KURUKSHETRA
		287.7158	400788	RAJASTHAN
		7.4680	10403	UTTARAKHAND
		201.2884	280394	UTTAR PRADESH
	Total	2661.5711	3707571	
3	IGSTPS-JHAJJAR :-			
		97.1391	156879	CHANDIGARH
		468.4605	756564	DELHI
		1360.3002	2196886	HARYANA
		177.4871	286641	JAMMU AND KASHMIR
		6.1708	9967	MADHYA PRADESH
		12.2114	19721	PUNJAB
		4.6652	7534	UTTARAKHAND
		65.4753	105743	UTTAR PRADESH
	Total	2191.9096	3539935	
4	RIHAND STPS :-			
		229.5504	193741	CHANDIGARH
		31.3911	26494	DELHI
		32.1058	27097	HIMACHAL PRADESH
		66.0708	55764	HARYANA

Northern Regional Power Committee

RRAS Settlement Account For The Week 15/08/2022 To 21/08/2022

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
		281.3918	237495	JAMMU AND KASHMIR
		213.8470	180486	RAJASTHAN
		19.8267	16734	UTTARAKHAND
		1292.6116	1090964	UTTAR PRADESH
	Total	2166.7952	1828775	
5	RIHAND-II STPS :-			
		203.0885	155971	CHANDIGARH
		8.6134	6615	DELHI
		47.0182	36110	HIMACHAL PRADESH
		41.6241	31967	HARYANA
		417.0818	320318	JAMMU AND KASHMIR
		245.6017	188623	RAJASTHAN
		17.6376	13546	UTTARAKHAND
		1839.5344	1412763	UTTAR PRADESH
	Total	2820.1997	2165913	
6	RIHAND-III STPS :-			
		119.4015	172297	CHANDIGARH
		49.0038	70712	HIMACHAL PRADESH
		4.8972	7067	HARYANA
		123.8244	178678	JAMMU AND KASHMIR
		26.9800	38932	RAJASTHAN
		16.1066	23242	UTTARAKHAND
		773.6515	1116378	UTTAR PRADESH
	Total	1113.8650	1607306	
7	SINGRAULI STPS :-			
		76.6634	50215	CHANDIGARH
		14.2714	9348	DELHI
		5.5322	3624	HIMACHAL PRADESH
		82.0475	53741	HARYANA
		31.6184	20710	JAMMU AND KASHMIR
		1.1199	734	MADHYA PRADESH
		51.1041	33473	RAJASTHAN
		111.8214	73243	UTTARAKHAND

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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
		2542.5116	1665345	UTTAR PRADESH
	Total	2916.6899	1910433	
8	TANDA-II STPS :-			
		70.9518	104228	CHANDIGARH
		101.0644	148463	GUJRAT
		0.3067	451	HIMACHAL PRADESH
		362.5382	532569	JAMMU AND KASHMIR
		6.9086	10149	MADHYA PRADESH
		8.2040	12051	PUNJAB
		734.0069	1078256	RAJASTHAN
		6.4381	9458	UTTARAKHAND
		2415.7712	3548768	UTTAR PRADESH
	Total	3706.1899	5444393	
9	UNCHA HAR-I TPS :-			
		29.4996	31889	CHANDIGARH
		42.4934	45936	DELHI
		126.5225	136771	GUJRAT
		0.2825	305	HIMACHAL PRADESH
		45.9518	49675	HARYANA
		95.9004	103668	JAMMU AND KASHMIR
		2.2257	2406	MADHYA PRADESH
		2.3411	2531	PUNJAB
		69.3451	74962	RAJASTHAN
		54.6448	59071	UTTARAKHAND
		867.0689	937302	UTTAR PRADESH
	Total	1336.2758	1444516	
10	UNCHA HAR-II TPS :-			
		49.0468	53755	CHANDIGARH
		71.7279	78615	DELHI
		5.5263	6057	HIMACHAL PRADESH
		91.0435	99784	HARYANA
		200.8801	220164	JAMMU AND KASHMIR
		5.2274	5730	MADHYA PRADESH

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RRAS Settlement Account For The Week 15/08/2022 To 21/08/2022

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
		138.8806	152214	PUNJAB
		453.6813	497236	RAJASTHAN
		19.5130	21386	UTTARAKHAND
		683.9655	749623	UTTAR PRADESH
	Total	1719.4924	1884564	
11	UNCHAHAHAR-III TPS :-			
		22.5687	30401	CHANDIGARH
		42.8526	57722	DELHI
		4.9402	6654	HIMACHAL PRADESH
		51.2349	69014	HARYANA
		101.7571	137066	JAMMU AND KASHMIR
		4.6540	6269	MADHYA PRADESH
		27.1612	36587	PUNJAB
		255.6982	344426	RAJASTHAN
		12.1872	16416	UTTARAKHAND
		337.5783	454716	UTTAR PRADESH
	Total	860.6324	1159271	
12	UNCHAHAHAR-IV TPS :-			
		100.0813	165634	CHANDIGARH
		1.3739	2274	HIMACHAL PRADESH
		179.5388	297137	HARYANA
		550.5605	911178	JAMMU AND KASHMIR
		9.6716	16007	MADHYA PRADESH
		16.3346	27033	PUNJAB
		1003.4433	1660699	RAJASTHAN
		32.1157	53151	UTTARAKHAND
		1415.9920	2343469	UTTAR PRADESH
	Total	3309.1117	5476582	
13	ANTA GPP:-			
		53.760400	38116	CHANDIGARH
		171.001900	121240	DELHI
		29.109700	20639	HARYANA
		207.534100	147142	JAMMU AND KASHMIR

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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
		4.285900	3039	MADHYA PRADESH
		34.825200	24692	PUNJAB
		90.910300	64456	UTTARAKHAND
		449.179200	318468	UTTAR PRADESH
	Total	1040.606700	737792	
14	AURAIYA GPP:-			
		72.158100	45821	CHANDIGARH
		296.818600	188481	DELHI
		45.662700	28996	HARYANA
		318.509500	202254	JAMMU AND KASHMIR
		6.480500	4115	MADHYA PRADESH
		54.682000	34722	PUNJAB
		144.600000	91822	UTTARAKHAND
		998.936700	634324	UTTAR PRADESH
	Total	1937.848100	1230535	
15	DADRI GPP:-			
		117.653000	67887	CHANDIGARH
		515.790200	297612	DELHI
		79.062900	45618	HARYANA
		545.909600	314991	JAMMU AND KASHMIR
		11.294900	6516	MADHYA PRADESH
		95.063900	54852	PUNJAB
		224.011200	129255	UTTARAKHAND
		1558.197900	899079	UTTAR PRADESH
	Total	3146.983600	1815810	

Northern Regional Power Committee
RRAS Settlement Account For The Week 15/08/2022 To 21/08/2022

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	NTPC :-							
		DADRI-II TPS	1702.1441	803.4408	898.7033	4600471	1252792	5853264
		RIHAND STPS	31.8460	1192.6511	-1160.8051	-1721475	612249	-1109226
		RIHAND-II STPS	87.8367	4088.7522	-4000.9155	-5921354	2088294	-3833060
		RIHAND-III STPS	14.4307	3691.3037	-3676.8730	-5371912	1852867	-3519045
		SINGRAULI STPS	32.5599	3870.4481	-3837.8882	-5638614	1951504	-3687110
		TANDA-II STPS	3637.8486	1767.1831	1870.6655	8971544	2702516	11674060
		UNCHAHAAR-II TPS	1232.2060	767.1847	465.0213	2179107	999695	3178803
		UNCHAHAAR-III TPS	454.1294	267.6780	186.4514	865954	360904	1226858
		UNCHAHAAR-IV TPS	1408.5721	760.3278	648.2443	2837340	1084450	3921790
	Total :-							13706334
2	NHPC :-							
		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	0.0000	0	0.0000	0	0	0
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	Total :-							0
3	SJVN :-							
		NATHPA JHAKRI HEP	0.0000	0	0.0000	0	0	0
		RAMPUR HEP	0.0000	0	0.0000	0	0	0
	Total :-							0
4	THDC :-							
		KOTESHWAR	92.6935	173.4093	-80.7158	-186759	133051	-53708
		TEHRI HEP	1592.1912	625.4541	966.7371	2005983	1108823	3114806
	Total :-							3061098
5	APCPL :-							
		IGSTPS-JHAJJAR	1701.6671	1241.5445	460.1226	2391268	1471606	3862873
	Total :-							3862873

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

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RRAS Settlement Account For The Week 15/08/2022 To 21/08/2022
E. Payment to the FRAS Provider from the DSM Pool

Sr. No.	FRAS Provider Name	Up regulation due to FRAS (MWh)	Down regulation due to FRAS (MWh)	Markup Charges as per CERC order (Rs)
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
Total				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