



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/7813-7836

दिनांक: 29 अगस्त, 2022

No. NRPC/Comml/234/ RRAS/2022/7813-7836

Dated: 29 August, 2022

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 08 से 14 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 08th to 14th August, 2022.

(सप्ताह सं. WEEK No. 20/ वि.व.फ.य. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवाप्रचालन विनियम) 2015 व सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार किये गए दिनांक 08 से 14 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 08th to 14th August, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (SaumitraMazumdar)

अधीक्षणअभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 8/08/2022 To 14/08/2022

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	687.4650	668903	3484073	343731	4496707
2	DADRI-II TPS	976.2475	1359914	4775803	488123	6623840
3	IGSTPS-JHAJJAR	615.9050	994687	3304947	307953	4607587
4	RIHAND STPS	561.4450	473860	818587	280722	1573169
5	RIHAND-II STPS	1515.0425	1163553	2883127	757521	4804201
6	RIHAND-III STPS	1741.2900	2512681	3284074	870645	6667400
7	SINGRAULI STPS	639.5500	418904	938220	319775	1676899
8	TANDA-II STPS	1068.0575	1568976	5301837	534030	7404843
9	UNCHAHAAR-I TPS	657.7650	711043	3069788	328882	4109713
10	UNCHAHAAR-II TPS	886.2275	971306	4173245	443114	5587665
11	UNCHAHAAR-III TPS	106.7800	143833	498342	53389	695564
12	UNCHAHAAR-IV TPS	1476.0550	2442872	6493167	738027	9674066
13	ANTA LF	269.2225	190879	5820590	134611	6146080
14	ANTA RF	443.5500	314477	6277563	221775	6813815
15	AURAIYA RF	882.4800	560375	12705065	441240	13706680
16	DADRI LF	1570.8250	906366	41003245	785412	42695023
Total						127283252

Northern Regional Power Committee
RRAS Settlement Account For The Week 8/08/2022 To 14/08/2022

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	4004.0575	20292563	15219422
2	DADRI-II TPS	1560.6800	7634846	5726134
3	IGSTPS-JHAJJAR	5487.6225	29446584	22084939
4	RIHAND STPS	2681.8625	3910155	2932616
5	RIHAND-II STPS	4660.7775	8869459	6652094
6	RIHAND-III STPS	4560.8900	8601839	6451378
7	SINGRAULI STPS	5560.5425	8157316	6117986
8	TANDA-II STPS	1104.2750	5481622	4111217
9	UNCHAHAR-I TPS	162.9200	760348	570261
10	UNCHAHAR-II TPS	115.7225	544937	408702
11	UNCHAHAR-III TPS	59.6025	278165	208624
12	UNCHAHAR-IV TPS	26.2325	115397	86548
Total				70569921

Northern Regional Power Committee
RRAS Settlement Account For The Week 8/08/2022 To 14/08/2022
 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 :-			
		340.3725	331182	GUJRAT
		321.1299	312460	RAJASTHAN
		25.9626	25261	UTTAR PRADESH
	Total	687.4650	668903	
2	DADRI-II TPS :-			
		15.1006	21035	CHANDIGARH
		3.3402	4654	DELHI
		535.8496	746438	HARYANA
		35.4181	49337	JAMMU AND KASHMIR
		7.6933	10717	MADHYA PRADESH
		2.3345	3252	PUNJAB
		2.4925	3472	PG-BHIWADI
		5.1771	7212	PG-KURUKSHETRA
		178.1844	248211	RAJASTHAN
		0.4280	596	UTTARAKHAND
		190.2292	264990	UTTAR PRADESH
	Total	976.2475	1359914	
3	IGSTPS-JHAJJAR :-			
		79.8471	128953	CHANDIGARH
		96.1577	155295	DELHI
		345.4846	557957	HARYANA
		90.4461	146071	JAMMU AND KASHMIR
		1.6117	2603	MADHYA PRADESH
		0.8613	1391	PUNJAB
		1.4964	2417	UTTAR PRADESH
	Total	615.9049	994687	
4	RIHAND STPS :-			
		125.2334	105697	CHANDIGARH
		258.3360	218036	JAMMU AND KASHMIR
		2.1187	1788	MADHYA PRADESH
		175.7569	148339	RAJASTHAN
	Total	561.4450	473860	

Northern Regional Power Committee
RRAS Settlement Account For The Week 8/08/2022 To 14/08/2022
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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
5	RIHAND-II STPS :-			
		115.2908	88543	CHANDIGARH
		0.0136	10	DELHI
		22.1648	17023	HARYANA
		195.9708	150506	JAMMU AND KASHMIR
		172.5867	132546	RAJASTHAN
		1009.0159	774925	UTTAR PRADESH
	Total	1515.0426	1163553	
6	RIHAND-III STPS :-			
		86.9796	125511	CHANDIGARH
		0.0644	93	DELHI
		24.7810	35759	HARYANA
		145.4753	209921	JAMMU AND KASHMIR
		1.5874	2291	MADHYA PRADESH
		226.7468	327196	RAJASTHAN
		1255.6558	1811910	UTTAR PRADESH
	Total	1741.2903	2512681	
7	SINGRAULI STPS :-			
		18.7674	12293	CHANDIGARH
		0.7870	515	DELHI
		35.7683	23428	HARYANA
		13.9605	9144	JAMMU AND KASHMIR
		484.4700	317327	RAJASTHAN
		85.7968	56197	UTTAR PRADESH
	Total	639.5500	418904	
8	TANDA-II STPS :-			
		27.0608	39752	CHANDIGARH
		46.8096	68763	GUJRAT
		312.4320	458963	JAMMU AND KASHMIR
		4.9347	7249	MADHYA PRADESH
		0.8811	1294	PUNJAB
		434.7383	638633	RAJASTHAN
		241.2004	354322	UTTAR PRADESH

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RRAS Settlement Account For The Week 8/08/2022 To 14/08/2022

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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
	Total	1068.0569	1568976	
9	UNCHAHAAR-I TPS :-			
		17.2115	18606	CHANDIGARH
		13.5691	14668	DELHI
		94.8891	102574	GUJRAT
		21.1465	22860	HARYANA
		70.6500	76373	JAMMU AND KASHMIR
		1.8262	1974	MADHYA PRADESH
		0.6067	656	PUNJAB
		54.5993	59022	RAJASTHAN
		29.6249	32024	UTTARAKHAND
		353.6416	382286	UTTAR PRADESH
	Total	657.7649	711043	
10	UNCHAHAAR-II TPS :-			
		29.8578	32725	CHANDIGARH
		14.8628	16290	DELHI
		39.9024	43733	HARYANA
		133.6456	146476	JAMMU AND KASHMIR
		4.7218	5174	MADHYA PRADESH
		34.5621	37880	PUNJAB
		321.5204	352387	RAJASTHAN
		15.6249	17124	UTTARAKHAND
		291.5288	319517	UTTAR PRADESH
	Total	886.2266	971306	
11	UNCHAHAAR-III TPS :-			
		3.0255	4075	CHANDIGARH
		0.1567	212	DELHI
		8.1050	10917	HARYANA
		10.2996	13874	JAMMU AND KASHMIR
		0.1044	141	MADHYA PRADESH
		1.9364	2608	PUNJAB
		4.2264	5693	RAJASTHAN
		78.9258	106313	UTTAR PRADESH

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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
	Total	106.7798	143833	
12	UNCHAHAR-IV TPS :-			
		57.4069	95009	CHANDIGARH
		51.0180	84435	HARYANA
		304.9871	504753	JAMMU AND KASHMIR
		7.0509	11670	MADHYA PRADESH
		2.7423	4538	PUNJAB
		649.3794	1074725	RAJASTHAN
		1.2587	2083	UTTARAKHAND
		402.2109	665659	UTTAR PRADESH
	Total	1476.0542	2442872	
13	ANTA GPP:-			
		21.834300	15481	CHANDIGARH
		62.462500	44286	DELHI
		11.823100	8383	HARYANA
		84.288400	59761	JAMMU AND KASHMIR
		1.740900	1235	MADHYA PRADESH
		14.144200	10029	PUNJAB
		36.922000	26177	UTTARAKHAND
		182.430600	129343	UTTAR PRADESH
	Total	415.646000	294695	
14	AURAIYA GPP:-			
		22.979500	14592	CHANDIGARH
		79.667000	50589	DELHI
		14.541700	9234	HARYANA
		101.433100	64410	JAMMU AND KASHMIR
		2.065200	1311	MADHYA PRADESH
		17.414100	11058	PUNJAB
		46.048300	29241	UTTARAKHAND
		318.123000	202008	UTTAR PRADESH
	Total	602.271900	382443	
15	DADRI GPP:-			
		40.750000	23513	CHANDIGARH

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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
		178.648000	103080	DELHI
		27.384000	15801	HARYANA
		189.080000	109099	JAMMU AND KASHMIR
		3.912000	2257	MADHYA PRADESH
		32.926000	18998	PUNJAB
		77.588000	44768	UTTARAKHAND
		539.693000	311403	UTTAR PRADESH
	Total	1089.981000	628919	

Northern Regional Power Committee
RRAS Settlement Account For The Week 8/08/2022 To 14/08/2022
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	1981.5584	992.0234	989.5350	4840803	1486791	6327594
		RIHAND STPS	82.1260	3134.1201	-3051.9941	-4449808	1608123	-2841685
		RIHAND-II STPS	85.4294	4339.0840	-4253.6546	-8094706	2212257	-5882450
		RIHAND-III STPS	22.5960	3914.2783	-3891.6823	-7339716	1968437	-5371279
		SINGRAULI STPS	127.0500	4577.1411	-4450.0911	-6528282	2352096	-4176187
		TANDA-II STPS	4923.3352	1029.9615	3893.3737	19326707	2976648	22303355
		UNCHAHAAR-II TPS	1702.4924	838.3002	864.1922	4069448	1270396	5339844
		UNCHAHAAR-III TPS	135.5211	244.8045	-109.2834	-509851	190163	-319688
		UNCHAHAAR-IV TPS	1766.3164	724.9965	1041.3199	4580768	1245656	5826425
	Total :-							21205929
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	237.3772	241.9687	-4.5915	-10623	239673	229050
		TEHRI HEP	1512.8253	719.2082	793.6171	1646752	1116017	2762768
	Total :-							2991818
5	APCPL :-							
		IGSTPS-JHAJJAR	2999.1749	820.1454	2179.0295	11692672	1909660	13602332
	Total :-							13602332

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 8/08/2022 To 14/08/2022
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