



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/आ.वि.आ.से./2023/4773-4796

No. NRPC/CommI/234/ RRAS/2023/4773-4796

दिनांक: 03 मई, 2023

Dated: 03 May , 2023

सेवामें/To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 17 से 23 अप्रैल, 2023 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा विवरण तथा एस.आर.ए.एस. लेखा (सप्ताह सं. 04/ वि.व 2023-24)।

Subject: RRAS statement and SRAS accounts for the week 17th to 23rd April 2023.
(week no. 04/ F.Y. 2023-24)

महोदय/Sir,

दिनांक 17 से 23 अप्रैल, 2023 के सप्ताह के लिए आरक्षित विनियम आनुषंगिक सेवा विवरण तथा एस.आर.ए.एस. लेखा संलग्न है (प्रति <http://164.100.60.165> पर भी उपलब्ध है)। आरक्षित विनियम आनुषंगिक सेवा विवरण केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवा प्रचालन) विनियम, 2015 व सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार की गई हैं। एस.आर.ए.एस. लेखा केंद्रीय विद्युत विनियामक आयोग (सहायक सेवा) विनियम, 2022 के अनुसार तैयार किया गया है।

RRAS statement and SRAS account for the week, 17th to 23rd April 2023. are enclosed herewith. RRAS statement has been prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services Operations) Regulations, 2015 and Detailed Procedure for Ancillary Services Operations approved by Hon'ble CERC letter dated 21.11.16. SRAS account has been prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services) Regulations, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(संतोष कुमार)/ (Santosh Kumar)

अधीक्षण अभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

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	475.8925	463043	2392312	237946	3093301
2	DADRI-II TPS	721.4500	1004980	3512740	360724	4878444
3	IGSTPS-JHAJJAR	1341.1950	2092264	5732268	670599	8495131
4	RIHAND STPS	6.9275	5847	11375	3464	20686
5	RIHAND-II STPS	11.3350	8705	18567	5667	32939
6	RIHAND-III STPS	9.2700	13377	14989	4635	33001
7	SINGRAULI STPS	7.6500	5048	11359	3824	20231
8	TANDA-II STPS	3074.3425	4516209	11384291	1537172	17437672
9	UNCHAHAAR-I TPS	449.0425	459820	2029672	224521	2714013
10	UNCHAHAAR-II TPS	293.2025	321350	1076932	146601	1544883
11	UNCHAHAAR-III TPS	293.3700	349990	1343928	146686	1840604
12	UNCHAHAAR-IV TPS	1809.5225	3047236	7645232	904762	11597230
13	ANTA LF	141.0350	99994	2379119	70518	2549631
14	ANTA RF	781.4200	554027	9086352	390710	10031089
15	AURAIYA RF	2286.7850	1452108	26945188	1143393	29540689
16	DADRI LF	47.1950	24305	1127111	23598	1175014
17	DADRI RF	4506.2850	2320737	50578543	2253143	55152423
Total						150156981

Northern Regional Power Committee

RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

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	5712.5575	28717027	21537770
2	DADRI-II TPS	1446.3150	7042107	5281580
3	IGSTPS-JHAJJAR	5094.8375	21775335	16331501
4	RIHAND STPS	332.6275	546174	409630
5	RIHAND-II STPS	516.0975	845368	634026
6	RIHAND-III STPS	75.6000	122245	91684
7	SINGRAULI STPS	263.8775	391858	293894
8	TANDA-II STPS	325.9600	1207029	905271
9	UNCHAHAR-I TPS	1359.6525	6145630	4609223
10	UNCHAHAR-II TPS	1143.4375	4199846	3149884
11	UNCHAHAR-III TPS	528.8850	2422822	1817117
12	UNCHAHAR-IV TPS	634.9200	2682536	2011902
13	ANTA RF	276.9150	3219968	2414976
14	AURAIYA RF	129.2800	1523306	1142480
15	DADRI LF	11.8400	282763	212072
16	DADRI RF	671.7950	7540227	5655170
Total				66498180

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RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

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 :-			
		143.9218	140036	GUJRAT
		140.9593	137153	HARYANA
		191.0113	185854	UTTAR PRADESH
	Total	475.8924	463043	
2	DADRI-II TPS :-			
		13.1031	18252	CHANDIGARH
		387.5958	539921	DELHI
		0.9742	1357	GUJRAT
		0.3640	507	MADHYA PRADESH
		5.1336	7152	PUNJAB
		2.2273	3103	PG-BHIWADI
		15.2819	21288	PG-KURUKSHETRA
		27.2628	37977	RAJASTHAN
		7.3144	10189	UTTARAKHAND
		262.1923	365234	UTTAR PRADESH
	Total	721.4494	1004980	
3	IGSTPS-JHAJJAR :-			
		43.6864	68151	CHANDIGARH
		332.5287	518746	DELHI
		899.5330	1403269	HARYANA
		3.0050	4688	MADHYA PRADESH
		16.8001	26208	UTTARAKHAND
		45.6420	71202	UTTAR PRADESH
	Total	1341.1952	2092264	
4	RIHAND STPS :-			
		6.7152	5668	CHANDIGARH
		0.2123	179	PUNJAB
	Total	6.9275	5847	
5	RIHAND-II STPS :-			
		11.3330	8703	CHANDIGARH
		0.0020	2	DELHI
	Total	11.3350	8705	

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RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

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
6	RIHAND-III STPS :-			
		9.2685	13375	CHANDIGARH
		0.0015	2	DELHI
	Total	9.2700	13377	
7	SINGRAULI STPS :-			
		0.0011	1	BANGLADESH
		3.0002	1980	CHANDIGARH
		4.6109	3042	DELHI
		0.0002	0	GUJRAT
		0.0001	0	HIMACHAL PRADESH
		0.0042	3	HARYANA
		0.0004	0	JAMMU AND KASHMIR
		0.0044	3	PUNJAB
		0.0094	6	RAJASTHAN
		0.0023	2	UTTARAKHAND
		0.0168	11	UTTAR PRADESH
	Total	7.6500	5048	
8	TANDA-II STPS :-			
		29.9877	44052	CHANDIGARH
		0.4786	703	DELHI
		0.1169	172	MADHYA PRADESH
		5.1546	7572	PUNJAB
		31.5508	46348	UTTARAKHAND
		3007.0541	4417362	UTTAR PRADESH
	Total	3074.3427	4516209	
9	UNCHAHAHAR-I TPS :-			
		14.8501	15206	CHANDIGARH
		10.9583	11221	DELHI
		7.9014	8091	GUJRAT
		0.0022	2	HIMACHAL PRADESH
		18.5985	19044	HARYANA
		0.1251	128	JAMMU AND KASHMIR
		0.0010	1	MADHYA PRADESH

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RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

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
		1.1683	1196	PUNJAB
		4.8781	4995	RAJASTHAN
		73.3300	75090	UTTARAKHAND
		317.2290	324846	UTTAR PRADESH
	Total	449.0420	459820	
10	UNCHAHAAR-II TPS :-			
		13.4700	14763	CHANDIGARH
		0.0222	24	DELHI
		55.4686	60793	PUNJAB
		30.2821	33190	RAJASTHAN
		16.4896	18072	UTTARAKHAND
		177.4699	194508	UTTAR PRADESH
	Total	293.2024	321350	
11	UNCHAHAAR-III TPS :-			
		7.8918	9414	CHANDIGARH
		5.1093	6095	DELHI
		0.1139	136	GUJRAT
		11.4692	13683	HARYANA
		0.0410	49	MADHYA PRADESH
		41.5096	49521	PUNJAB
		16.3916	19555	RAJASTHAN
		25.3650	30260	UTTARAKHAND
		185.4786	221277	UTTAR PRADESH
	Total	293.3700	349990	
12	UNCHAHAAR-IV TPS :-			
		31.8166	53579	CHANDIGARH
		0.5347	901	DELHI
		147.8974	249059	HARYANA
		0.0601	101	MADHYA PRADESH
		8.8862	14965	PUNJAB
		50.6143	85234	RAJASTHAN
		111.5195	187799	UTTARAKHAND
		1458.1939	2455598	UTTAR PRADESH

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RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

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	1809.5227	3047236	
13	ANTA GPP:-			
		44.067000	31244	CHANDIGARH
		146.300600	103727	DELHI
		41.008300	29074	GUJRAT
		177.308200	125711	JAMMU AND KASHMIR
		5.467600	3877	MADHYA PRADESH
		104.726000	74250	UTTARAKHAND
		358.273000	254016	UTTAR PRADESH
	Total	877.150700	621899	
14	AURAIYA GPP:-			
		84.724300	53800	CHANDIGARH
		271.578100	172453	DELHI
		93.213000	59191	GUJRAT
		394.816300	250708	JAMMU AND KASHMIR
		12.427700	7891	MADHYA PRADESH
		240.828200	152926	UTTARAKHAND
		1189.198100	755139	UTTAR PRADESH
	Total	2286.785700	1452108	
15	DADRI GPP:-			
		175.354800	90308	CHANDIGARH
		368.479700	189767	DELHI
		207.284700	106751	GUJRAT
		865.642900	445806	JAMMU AND KASHMIR
		27.638100	14233	MADHYA PRADESH
		490.653400	252687	UTTARAKHAND
		2356.134200	1213409	UTTAR PRADESH
	Total	4491.187800	2312961	

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RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

D. Payment to the SRAS Provider from the DSM Pool

FORMAT - SRAS1

Sr. No.	Owner Name	SRAS Provider Name	SRAS Up (MWh)	SRAS Down (MWh)	Net Energy (MWh)	Energy charges/ Compensation charges (Rs)	Incentive (Rs)	Total Charges (Rs)
1	NTPC :-							
		AURAIYA GPP	0.0000	0	0.0000	0	0	0
		DADRI GPP	0.0000	0	0.0000	0	0	0
		DADRI TPS	2537.4891	812.3535	1725.1356	8672265	1372634	10044899
		DADRI-II TPS	2033.3608	2135.9720	-102.6112	-499608	1834787	1335179
		KOLDAM HEP	9.0587	448.3693	-439.3106	-1077190	228714	-848476
		RIHAND STPS	166.5262	3940.4156	-3773.8894	-6196731	1993349	-4203382
		RIHAND-II STPS	212.6951	4363.1098	-4150.4147	-6798380	2084302	-4714078
		RIHAND-III STPS	166.2125	3956.6013	-3790.3888	-6129057	1765270	-4363787
		SINGRAULI STPS	49.9728	4659.2177	-4609.2449	-6844728	2223745	-4620984
		TANDA-II STPS	2792.8129	3921.0843	-1128.2714	-4177990	3356949	-821041
		UNCHAHAAR-II TPS	1088.4078	2491.4337	-1403.0259	-5153358	1789921	-3363437
		UNCHAHAAR-III TPS	1044.0524	414.2735	629.7789	2885018	566659	3451677
		UNCHAHAAR-IV TPS	2060.2367	987.2035	1073.0332	4533569	1278981	5812550
	Total :-							-2290880
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	1.4785	4.6086	-3.1301	-3146	2435	-711
		CHAMERA-III HEP	44.9467	727.2339	-682.2872	-1344109	386090	-958019
		DHAULIGANGA HEP	37.2145	271.8821	-234.6676	-294507	121222	-173285
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
		SEWA-II HEP	0.0000	3.0997	-3.0997	-8208	1550	-6658
	Total :-							-1138673
3	SJVN :-							
		NATHPA JHAKRI HEP	75.7478	1338.4205	-1262.6727	-1513945	635713	-878233
		RAMPUR HEP	20.4517	361.3735	-340.9218	-709459	171642	-537817
	Total :-							-1416050
4	THDC :-							
		KOTESHWAR	199.0226	63.8888	135.1338	371075	87194	458270
		TEHRI HEP	51.9291	1464.4016	-1412.4725	-2987383	283948	-2703435
	Total :-							-2245165
5	APCPL :-							

Northern Regional Power Committee
RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023
D. Payment to the SRAS Provider from the DSM Pool

Sr. No.	Owner Name	SRAS Provider Name	SRAS Up (MWh)	SRAS Down (MWh)	Net Energy (MWh)	Energy charges/ Compensation charges (Rs)	Incentive (Rs)	Total Charges (Rs)
		IGSTPS-JHAJJAR	2787.2238	3187.9548	-400.7310	-1712720	2348105	635385
	Total :-							635385

Northern Regional Power Committee
RRAS Settlement Account For The Week 17/04/2023 To 23/04/2023

E. Actual Performance of SRAS Providers

FORMAT - SRAS2

Sr. No.	SRAS Provider(s)	17-04-2023	18-04-2023	19-04-2023	20-04-2023	21-04-2023	22-04-2023	23-04-2023	Remarks (Disqualification period)
		Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	
1	SINGRAULI STPS	93.9	106.9	102.4	98.1	97.7	99.2	88.5	
2	KOTESHWAR	106	96.1	93.6	36.7	84.3	49.4	52.7	
3	RIHAND-III STPS	92.7	91.8	93.3	93.4	97.7	94.3	101.3	
4	CHAMERA HEP	0	0	0	0	0	0	0	
5	DULHASTI HEP	0	0	0	0	0	0	0	
6	DADRI TPS	74.9	95.2	89.4	86.9	90.2	89.2	90.2	
7	KOLDAM HEP	100	100	100	0	0	0	97.4	
8	CHAMERA-III HEP	132.2	113.6	111.5	121.4	115	111.3	114.2	
9	TANDA-II STPS	99	99	112.5	120.5	115.5	124.2	97.1	
10	RIHAND-II STPS	107	97.4	103.1	87.8	81.8	88.9	107.1	
11	TEHRI HEP	47.1	75.9	32	77.7	18.5	47.1	64	
12	UNCHAHAAR-III TPS	105.9	118.5	130.4	93.1	84.7	63.4	57.3	
13	RAMPUR HEP	102.3	82.3	89.4	100.4	84	95.1	53.6	
14	AURAIYA GPP	0	0	0	0	0	0	0	
15	SEWA-II HEP	95.2	0	0	0	0	0	0	
16	BAIRASIUL HEP	0	0	0	0	0	0	0	
17	DADRI GPP	0	0	0	0	0	0	0	
18	DADRI-II TPS	95.2	97.3	98.3	77.8	70.6	89	92.2	
19	NATHPA JHAKRI HEP	101.7	82.1	89.3	100.3	84	95	53.7	
20	UNCHAHAAR-IV TPS	79.2	83.1	87.2	83.8	89.4	92.8	99.9	
21	IGSTPS-JHAJJAR	74.1	92.1	95	92.4	93.2	90.2	73.7	
22	UNCHAHAAR-II TPS	187.7	188.4	166.6	202.2	191.3	164.3	134.2	
23	DHAULIGANGA HEP	82.4	98.2	77	109.9	52	77.5	87.5	
24	RIHAND STPS	98.9	97	98.7	98.6	95.5	98.9	80.7	
25	CHAMERA-II HEP	0	92.2	84.4	0	0	0	0	