



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/आ. वि. आ. से. /2023/1110-1133
No. NRPC/Comml/234/ RRAS/2023/1110-1133

दिनांक: 03 फरवरी, 2023
Dated: 03 February, 2023

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 16 से 22 जनवरी, 2023 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा विवरण तथा एस.आर.ए.एस. लेखा (सप्ताह सं. 43/ वि. व 2022-23)।

**Subject: RRAS statement and SRAS accounts for the week 16th to 22nd January 2023.
(week no. 43/ F.Y. 2022-23)**

महोदय/Sir,

दिनांक 16 से 22 जनवरी, 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, 16th to 22nd January 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 16/01/2023 To 22/01/2023

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	1227.5450	1194400	5152006	613772	6960178
2	DADRI-II TPS	860.6800	1198927	3528788	430340	5158055
3	IGSTPS-JHAJJAR	542.6800	860148	2451286	271339	3582773
4	RIHAND STPS	11.8000	9960	17794	5899	33653
5	RIHAND-II STPS	0.5625	432	846	281	1559
6	SINGRAULI STPS	73.5700	48557	110061	36785	195403
7	TANDA-II STPS	2714.6425	3987811	9425238	1357321	14770370
8	UNCHAHAR-I TPS	1319.2925	1350955	5290363	659647	7300965
9	UNCHAHAR-II TPS	549.1825	601904	1918294	274592	2794790
10	UNCHAHAR-III TPS	598.0000	713415	2377647	299000	3390062
11	UNCHAHAR-IV TPS	2333.7400	3862339	8681514	1166871	13710724
12	ANTA CRF	1149.5000	814996	19825426	574750	21215172
13	ANTA RF	203.7500	144459	2586199	101875	2832533
14	AURAIYA CRF	477.3350	303107	8757665	238667	9299439
15	AURAIYA LF	1011.6575	642403	18163299	505828	19311530
16	AURAIYA RF	591.3925	375534	7623640	295697	8294871
17	DADRI CRF	272.5000	140338	4892465	136250	5169053
18	DADRI LF	4518.2925	2326920	116901781	2259147	121487848
19	DADRI RF	387.9500	199795	4762861	193976	5156632
Total						250665610

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RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023
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	4809.6250	20185997	15139498
2	DADRI-II TPS	7172.3975	29406829	22055122
3	IGSTPS-JHAJJAR	26916.4575	121581639	91186230
4	UNCHAHAR-I TPS	426.5950	1710645	1282984
5	UNCHAHAR-II TPS	31.1125	108677	81508
6	UNCHAHAR-III TPS	210.2750	836053	627040
7	UNCHAHAR-IV TPS	85.1475	316749	237561
8	AURAIYA LF	1.6875	30297	22723
Total				130632666

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RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

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 :-			
		548.6991	533884	GUJRAT
		232.7805	226495	RAJASTHAN
		446.0654	434021	UTTAR PRADESH
	Total	1227.5450	1194400	
2	DADRI-II TPS :-			
		0.0197	27	BANGLADESH
		23.8438	33215	CHANDIGARH
		325.0571	452804	DELHI
		0.0606	84	JAMMU AND KASHMIR
		4.2754	5955	PUNJAB
		0.0050	7	PG-AGRA
		0.0019	3	PG-BALLIA
		8.1176	11308	PG-BHIWADI
		0.0015	2	PG-DADRI(G)
		40.2893	56124	PG-KURUKSHETRA
		91.2357	127091	RAJASTHAN
		12.3906	17260	UTTARAKHAND
		355.3814	495047	UTTAR PRADESH
	Total	860.6796	1198927	
3	IGSTPS-JHAJJAR :-			
		62.3300	98792	CHANDIGARH
		480.3411	761342	DELHI
		0.0087	14	JAMMU AND KASHMIR
		0.0002	0	UTTARAKHAND
	Total	542.6800	860148	
4	RIHAND STPS :-			
		11.7175	9890	CHANDIGARH
		0.0825	70	UTTAR PRADESH
	Total	11.8000	9960	
5	RIHAND-II STPS :-			
		0.5625	432	CHANDIGARH
	Total	0.5625	432	

Northern Regional Power Committee

RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

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	SINGRAULI STPS :-			
		0.1469	97	CHANDIGARH
		73.4231	48460	DELHI
	Total	73.5700	48557	
7	TANDA-II STPS :-			
		52.8913	77698	CHANDIGARH
		0.0003	0	DELHI
		4.5215	6642	GUJRAT
		0.0005	1	HIMACHAL PRADESH
		0.0289	42	JAMMU AND KASHMIR
		0.0013	2	PUNJAB
		137.4429	201903	RAJASTHAN
		52.3975	76971	UTTARAKHAND
		2467.3583	3624552	UTTAR PRADESH
	Total	2714.6425	3987811	
8	UNCHAHAHAR-I TPS :-			
		18.5626	19010	CHANDIGARH
		52.1155	53365	DELHI
		65.9466	67529	GUJRAT
		0.0074	7	HIMACHAL PRADESH
		0.3167	324	HARYANA
		0.5368	550	JAMMU AND KASHMIR
		0.8738	895	PUNJAB
		7.5542	7735	RAJASTHAN
		67.6155	69238	UTTARAKHAND
		1105.7630	1132302	UTTAR PRADESH
	Total	1319.2921	1350955	
9	UNCHAHAHAR-II TPS :-			
		26.3553	28885	CHANDIGARH
		53.2930	58410	DELHI
		0.5905	648	HIMACHAL PRADESH
		7.8137	8564	HARYANA
		0.0365	40	JAMMU AND KASHMIR

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RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

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
		0.0509	56	PUNJAB
		82.4830	90401	RAJASTHAN
		19.3875	21248	UTTARAKHAND
		359.1718	393652	UTTAR PRADESH
	Total	549.1822	601904	
10	UNCHAHAHAR-III TPS :-			
		12.0690	14399	CHANDIGARH
		22.0813	26342	DELHI
		40.2986	48076	PUNJAB
		61.4093	73261	RAJASTHAN
		30.0473	35846	UTTARAKHAND
		432.0942	515491	UTTAR PRADESH
	Total	597.9997	713415	
11	UNCHAHAHAR-IV TPS :-			
		35.6586	59015	CHANDIGARH
		0.0541	89	DELHI
		0.0082	14	HIMACHAL PRADESH
		3.1106	5148	HARYANA
		7.0834	11723	PUNJAB
		186.0102	307847	RAJASTHAN
		58.2846	96461	UTTARAKHAND
		2043.5295	3382042	UTTAR PRADESH
	Total	2333.7392	3862339	
12	ANTA GPP:-			
		32.923900	23342	CHANDIGARH
		162.541300	115242	DELHI
		298.091400	211347	JAMMU AND KASHMIR
		61.694500	43741	UTTARAKHAND
		349.701500	247939	UTTAR PRADESH
	Total	904.952600	641611	
13	AURAIYA GPP:-			
		45.823000	29097	CHANDIGARH
		281.651400	178848	DELHI

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RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

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
		507.913400	322526	JAMMU AND KASHMIR
		108.121600	68657	UTTARAKHAND
		872.180500	553836	UTTAR PRADESH
	Total	1815.689900	1152964	
14	DADRI GPP:-			
		105.153100	54154	CHANDIGARH
		712.951300	367168	DELHI
		1274.976400	656611	JAMMU AND KASHMIR
		237.224300	122174	UTTARAKHAND
		1970.989400	1015059	UTTAR PRADESH
	Total	4301.294500	2215166	

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RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

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	904.3633	955.3739	-51.0106	-214090	188334	-25756
		DADRI-II TPS	2032.9864	2416.8341	-383.8477	-1573774	1658051	84277
		RIHAND STPS	6.2859	4207.2732	-4200.9873	-6335088	2106780	-4228308
		RIHAND-II STPS	21.7664	4061.8125	-4040.0461	-6076227	1990023	-4086203
		RIHAND-III STPS	240.9472	3895.1183	-3654.1711	-5426444	1897922	-3528522
		SINGRAULI STPS	40.1720	4546.3124	-4506.1404	-6741186	2226314	-4514872
		TANDA-II STPS	1711.3062	4001.3774	-2290.0712	-7951128	2856342	-5094786
		UNCHAHAR-II TPS	846.5416	2391.8356	-1545.2940	-5397709	1320809	-4076900
		UNCHAHAR-III TPS	513.1685	592.4333	-79.2648	-315153	536100	220947
		UNCHAHAR-IV TPS	316.1284	459.4449	-143.3165	-533141	302751	-230390
	Total :-							-25480513
2	NHPC :-							
		BAIRASIUL HEP	1.3760	0.0356	1.3404	1502	565	2067
		CHAMERA HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-II HEP	0.0000	2.5623	-2.5623	-2575	1273	-1302
		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
		SEWA-II HEP	3.9798	289.0948	-285.1150	-754981	132594	-622387
	Total :-							-621622
3	SJVN :-							
		NATHPA JHAKRI HEP	1030.4518	1848.0060	-817.5542	-966348	1152355	186008
		RAMPUR HEP	278.2216	498.9608	-220.7392	-460242	311135	-149107
	Total :-							36901
4	THDC :-							
		KOTESHWAR	575.8356	123.1963	452.6393	1249711	340816	1590528
		TEHRI HEP	299.7008	1857.8982	-1558.1974	-3233259	887094	-2346165
	Total :-							-755637
5	APCPL :-							
		IGSTPS-JHAJJAR	3027.5657	2652.1859	375.3798	1695589	2754581	4450170

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RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

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)
	Total :-							4450170

Northern Regional Power Committee
RRAS Settlement Account For The Week 16/01/2023 To 22/01/2023

E. Actual Performance of SRAS Providers

FORMAT - SRAS2

Sr. No.	SRAS Provider(s)	16-01-2023	17-01-2023	18-01-2023	19-01-2023	20-01-2023	21-01-2023	22-01-2023	Remarks (Disqualification period)
		Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	
1	AURAIYA GPP	0	0	0	0	0	0	0	
2	BAIRASIUL HEP	86.1	0	0	0	0	0	0	
3	CHAMERA HEP	0	0	0	0	0	0	0	
4	CHAMERA-II HEP	0	0	0	150.4	0	0	0	
5	CHAMERA-III HEP	0	0	0	0	0	0	0	
6	DADRI GPP	0	0	0	0	0	0	0	
7	DADRI TPS	77	70	45	36	5	36	9	
8	DADRI-II TPS	71.9	91	84.1	77.4	86	75.7	63.4	
9	DHAULIGANGA HEP	0	0	0	0	0	0	0	
10	DULHASTI HEP	0	0	0	0	0	0	0	
11	IGSTPS-JHAJJAR	100.9	105.3	98.7	94.9	97	104	95.2	
12	KOTESHWAR	97.8	101.1	101.9	103.4	98.1	80.3	99.1	
13	NATHPA JHAKRI HEP	85.9	69.2	82.8	93.1	96.4	81.8	86	
14	RAMPUR HEP	87.1	70	83.7	94.2	97.8	82.5	86.6	
15	RIHAND STPS	102.9	102.4	100.8	98.6	102.4	102.5	103.5	
16	RIHAND-II STPS	102.6	109.1	92.4	96.4	97	106.7	105.2	
17	RIHAND-III STPS	98.5	93.6	99.2	100	94.3	92.5	95.6	
18	SEWA-II HEP	90.1	89.2	95.7	97.6	73.5	97.3	90.6	
19	SINGRAULI STPS	99.4	98	99.8	96.3	101.8	95.7	93.4	
20	TEHRI HEP	91.2	93.5	91.2	91.2	95	91.9	91	
21	TANDA-II STPS	108.4	109.3	98.4	103.9	99.9	104.1	112.8	
22	UNCHAHAHAR-II TPS	116.1	37.1	222.3	143.7	143.9	144.4	100.4	
23	UNCHAHAHAR-III TPS	125.1	106.3	78.8	130.6	102.9	118.5	102.3	
24	UNCHAHAHAR-IV TPS	0	0	68.6	78.5	88.8	88.9	81.8	