



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/आ.वि.आ.से./2023/1388-1411

दिनांक: 08 फरवरी, 2023

No. NRPC/Comml/234/ RRAS/2023/1388-1411

Dated: 08 February, 2023

सेवामें/To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 23 से 29 जनवरी, 2023 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा विवरण तथा एस.आर.ए.एस. लेखा (सप्ताह सं. 44/ वि.व 2022-23)।

**Subject: RRAS statement and SRAS accounts for the week 23rd to 29th January 2023.
(week no. 44/ F.Y. 2022-23)**

महोदय/Sir,

दिनांक 23 से 29 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, 23rd to 29th 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 23/01/2023 To 29/01/2023

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	2183.8225	2124860	9165503	1091912	12382275
2	DADRI-II TPS	1017.9725	1418035	4173687	508986	6100708
3	IGSTPS-JHAJJAR	398.1175	631017	1798297	199059	2628373
4	RIHAND STPS	583.2025	492224	879468	291601	1663293
5	RIHAND-II STPS	552.5325	424345	831009	276265	1531619
6	RIHAND-III STPS	186.0050	268406	276218	93003	637627
7	SINGRAULI STPS	170.1350	112289	254520	85068	451877
8	TANDA-II STPS	2728.2725	4007832	9472563	1364136	14844531
9	UNCHAHAR-I TPS	1299.6775	1330869	5211706	649838	7192413
10	UNCHAHAR-II TPS	825.1825	904401	2882362	412590	4199353
11	UNCHAHAR-III TPS	529.4863	631678	2105237	264743	3001658
12	UNCHAHAR-IV TPS	2144.1250	3548527	7976145	1072063	12596735
13	ANTA CRF	494.2500	350423	8524330	247125	9121878
14	ANTA RF	83.2500	59024	1056692	41625	1157341
15	AURAIYA LF	786.5950	499488	14122527	393298	15015313
16	AURAIYA RF	319.5625	202922	4119480	159781	4482183
17	DADRI CRF	298.5175	153737	5359583	149259	5662579
18	DADRI LF	945.7400	487056	24469131	472870	25429057
19	DADRI RF	122.5000	63087	1503933	61250	1628270
Total						129727083

Northern Regional Power Committee
RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023
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	3155.6475	13244253	9933190
2	DADRI-II TPS	4846.1225	19869102	14901826
3	IGSTPS-JHAJJAR	26616.1700	120225240	90168930
4	TANDA-II STPS	890.1275	3090523	2317892
5	UNCHAHAR-I TPS	962.5925	3859996	2894996
6	UNCHAHAR-II TPS	278.7325	973613	730211
7	UNCHAHAR-III TPS	189.1675	752130	564098
8	UNCHAHAR-IV TPS	464.6700	1728572	1296429
Total				122807572

Northern Regional Power Committee
RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023

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 :-			
		1549.8622	1508017	GUJRAT
		215.9025	210073	RAJASTHAN
		418.0576	406770	UTTAR PRADESH
	Total	2183.8223	2124860	
2	DADRI-II TPS :-			
		0.2024	282	BANGLADESH
		15.3355	21363	CHANDIGARH
		217.5175	303002	DELHI
		1.7512	2439	HIMACHAL PRADESH
		0.6231	868	JAMMU AND KASHMIR
		6.3128	8794	PUNJAB
		0.0516	72	PG-AGRA
		0.0199	28	PG-BALLIA
		4.0905	5699	PG-BHIWADI
		0.0159	23	PG-DADRI(G)
		31.3397	43657	PG-KURUKSHETRA
		136.5183	190170	RAJASTHAN
		8.0402	11201	UTTARAKHAND
		596.1541	830437	UTTAR PRADESH
	Total	1017.9727	1418035	
3	IGSTPS-JHAJJAR :-			
		29.5678	46864	CHANDIGARH
		363.2918	575820	DELHI
		0.8350	1323	HARYANA
		4.4228	7010	UTTARAKHAND
	Total	398.1174	631017	
4	RIHAND STPS :-			
		82.5229	69651	CHANDIGARH
		68.3562	57692	DELHI
		49.2734	41587	HIMACHAL PRADESH
		112.6110	95044	RAJASTHAN
		270.4388	228250	UTTAR PRADESH

Northern Regional Power Committee
RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023

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
	Total	583.2023	492224	
5	RIHAND-II STPS :-			
		60.7596	46662	CHANDIGARH
		1.0123	778	DELHI
		2.8617	2198	HIMACHAL PRADESH
		166.4428	127828	RAJASTHAN
		321.4561	246879	UTTAR PRADESH
	Total	552.5325	424345	
6	RIHAND-III STPS :-			
		19.7144	28450	CHANDIGARH
		6.3190	9117	DELHI
		35.2124	50811	HIMACHAL PRADESH
		83.8436	120987	RAJASTHAN
		40.9156	59041	UTTAR PRADESH
	Total	186.0050	268406	
7	SINGRAULI STPS :-			
		11.7968	7786	CHANDIGARH
		73.3904	48437	DELHI
		63.6559	42013	RAJASTHAN
		21.2919	14053	UTTAR PRADESH
	Total	170.1350	112289	
8	TANDA-II STPS :-			
		60.2949	88574	CHANDIGARH
		82.0003	120459	GUJRAT
		2.5920	3808	HIMACHAL PRADESH
		429.0473	630271	RAJASTHAN
		5.2920	7774	UTTARAKHAND
		2149.0463	3156946	UTTAR PRADESH
	Total	2728.2728	4007832	
9	UNCHAHAR-I TPS :-			
		11.3299	11602	CHANDIGARH
		9.5353	9764	DELHI
		244.4128	250279	GUJRAT

Northern Regional Power Committee

RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023

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
		0.2458	252	HIMACHAL PRADESH
		0.5808	594	PUNJAB
		12.8747	13184	RAJASTHAN
		122.2044	125137	UTTARAKHAND
		898.4931	920057	UTTAR PRADESH
	Total	1299.6768	1330869	
10	UNCHAHAAR-II TPS :-			
		37.9788	41625	CHANDIGARH
		45.6106	49991	DELHI
		14.4782	15868	HIMACHAL PRADESH
		0.2680	294	HARYANA
		0.5189	569	JAMMU AND KASHMIR
		0.7229	793	PUNJAB
		114.5147	125508	RAJASTHAN
		19.7817	21679	UTTARAKHAND
		591.3099	648074	UTTAR PRADESH
	Total	825.1837	904401	
11	UNCHAHAAR-III TPS :-			
		9.4889	11320	CHANDIGARH
		12.2134	14571	DELHI
		8.3408	9950	HIMACHAL PRADESH
		16.2632	19402	PUNJAB
		57.6870	68821	RAJASTHAN
		28.3342	33804	UTTARAKHAND
		397.1588	473810	UTTAR PRADESH
	Total	529.4863	631678	
12	UNCHAHAAR-IV TPS :-			
		49.5744	82046	CHANDIGARH
		0.1103	183	DELHI
		1.2424	2056	HIMACHAL PRADESH
		2.5970	4298	PUNJAB
		217.7551	360385	RAJASTHAN
		74.3813	123102	UTTARAKHAND

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RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023
 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
		1798.4636	2976457	UTTAR PRADESH
	Total	2144.1241	3548527	
13	ANTA GPP:-			
		15.268800	10825	CHANDIGARH
		75.380300	53445	DELHI
		138.243500	98015	JAMMU AND KASHMIR
		28.611500	20285	UTTARAKHAND
		162.177600	114984	UTTAR PRADESH
	Total	419.681700	297554	
14	AURAIYA GPP:-			
		27.119600	17221	CHANDIGARH
		171.427300	108855	DELHI
		300.599900	190881	JAMMU AND KASHMIR
		63.989900	40634	UTTARAKHAND
		516.184900	327779	UTTAR PRADESH
	Total	1079.321600	685370	
15	DADRI GPP:-			
		29.420000	15152	CHANDIGARH
		200.162000	103083	DELHI
		356.716500	183709	JAMMU AND KASHMIR
		66.370900	34181	UTTARAKHAND
		551.448300	283995	UTTAR PRADESH
	Total	1204.117700	620120	

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RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023

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	1581.6412	951.4622	630.1790	2644868	470669	3115537
		DADRI-II TPS	1490.2315	1144.4840	345.7475	1417561	800074	2217634
		RIHAND STPS	39.5726	4224.3842	-4184.8116	-6310694	2079966	-4230728
		RIHAND-II STPS	19.3675	4311.6510	-4292.2835	-6455594	2111900	-4343694
		RIHAND-III STPS	186.7620	3756.5913	-3569.8293	-5301197	1711224	-3589973
		SINGRAULI STPS	49.0121	4654.9391	-4605.9270	-6890467	2282058	-4608409
		TANDA-II STPS	2118.1206	3574.6779	-1456.5573	-5057185	2846399	-2210786
		UNCHAHAAR-II TPS	912.7153	1725.6928	-812.9775	-2839686	1319204	-1520482
		UNCHAHAAR-III TPS	725.0995	421.9541	303.1454	1205305	403049	1608354
		UNCHAHAAR-IV TPS	921.7781	493.5491	428.2290	1593030	616079	2209109
	Total :-							-11353438
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	1.4195	205.9005	-204.4810	-205503	103660	-101843
		CHAMERA-III HEP	0.0000	0	0.0000	0	0	0
		DHAULIGANGA HEP	15.4165	122.4195	-107.0030	-128403	66364	-62039
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
		SEWA-II HEP	2.7777	1134.6898	-1131.9121	-2997310	458581	-2538729
	Total :-							-2702611
3	SJVN :-							
		NATHPA JHAKRI HEP	661.6601	2397.3329	-1735.6728	-2051567	1284624	-766943
		RAMPUR HEP	178.6489	647.2795	-468.6306	-977098	346849	-630249
	Total :-							-1397192
4	THDC :-							
		KOTESHWAR	375.6355	70.0359	305.5996	843756	194196	1037952
		TEHRI HEP	41.8766	1766.5631	-1724.6865	-3578721	627076	-2951645
	Total :-							-1913693
5	APCPL :-							
		IGSTPS-JHAJJAR	3331.2503	1842.9222	1488.3281	6722788	2405190	9127978

Northern Regional Power Committee

RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023

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 :-							9127978

Northern Regional Power Committee
RRAS Settlement Account For The Week 23/01/2023 To 29/01/2023

E. Actual Performance of SRAS Providers

FORMAT - SRAS2

Sr. No.	SRAS Provider(s)	23-01-2023	24-01-2023	25-01-2023	26-01-2023	27-01-2023	28-01-2023	29-01-2023	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	0	0	0	0	0	0	0	
3	CHAMERA HEP	0	0	0	0	0	0	0	
4	CHAMERA-II HEP	0	103.3	99.7	99.9	100.5	100.1	100.1	
5	CHAMERA-III HEP	0	0	0	0	0	0	0	
6	DADRI GPP	0	0	0	0	0	0	0	
7	DADRI TPS	306.1	225.3	256	-273.3	-128.8	-42.6	-165.4	
8	DADRI-II TPS	53.1	69.7	68.7	78.6	68.8	0	0	
9	DHAULIGANGA HEP	91.4	98.8	105.3	0	0	0	0	
10	DULHASTI HEP	0	0	0	0	0	0	0	
11	IGSTPS-JHAJJAR	103.7	101.6	102.5	88.3	88.7	104.4	91.2	
12	KOTESHWAR	94.2	87.3	88	101.2	100.2	0	0	
13	NATHPA JHAKRI HEP	86.6	92.8	91.3	86.6	79	84.8	98.7	
14	RAMPUR HEP	87.6	93.7	92.8	87.8	80	85.7	99.9	
15	RIHAND STPS	96.5	97.1	99.1	96.1	100.8	94.4	99.3	
16	RIHAND-II STPS	105.4	111.5	106.1	105.8	120.7	105.4	94.6	
17	RIHAND-III STPS	97.4	90.4	93.9	91.2	101.8	90.5	89.2	
18	SEWA-II HEP	94.3	96.3	90.3	88	87.9	83.1	84.8	
19	SINGRAULI STPS	96	98.4	100.1	99.3	94.7	96.3	97.5	
20	TEHRI HEP	89.6	90.7	88.3	85	73.7	45.1	74.7	
21	TANDA-II STPS	104.4	100.2	104.2	109	116.2	106.1	106.9	
22	UNCHA HAR-II TPS	189.1	118.6	157.7	100.8	133.1	220.1	130.6	
23	UNCHA HAR-III TPS	100.9	120.8	87.5	52.8	62.1	70.9	74.6	
24	UNCHA HAR-IV TPS	71.2	88.5	96.7	98.1	89.4	85.2	98.9	