



भारत सरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

Dated: 16 June, 2023

सेवामें/To,

As per list enclosed

विषय: दिनांक 29 मई से 04 जून, 2023 के सप्ताह के आरक्षित विनियम आनुषंगिक सेवा विवरण तथा

एस.आर.ए.एस. लेखा (सप्ताह सं. 10/ वि.व 2023-24)।

Subject: RRAS statement and SRAS accounts for the week 29th May to 04th June, 2023. (week no. 10/ F.Y. 2023-24)

दिनांक 29 मई से 04 जून, 2023 के सप्ताह के लिए आरक्षित विनियम आनुषंगिक सेवा विवरण, एस.आर.ए.एस तथा टी.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 31 मई, 2023 तक तैयार की गई हैं। एस.आर.ए.एस. लेखा तथा टी.आर.ए.एस. लेखा 01.06.2023 से 04.06.2023 की अवधि के लिए केंद्रीय विद्युत विनियामक आयोग (सहायक सेवा) विनियम, 2022 के अनुसार तैयार किया गया है।

RRAS statement, SRAS and TRAS account for the week, 29th May to 04th June, 2023 are enclosed herewith. RRAS statement has been prepared till 31st May, 2023 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 21.11.2016. SRAS account and TRAS account for the period 01.06.2023 to 04.06.2023 have been prepared in accordance with Central Electricity Regulatory Commission (Ancillary Services) Regulations, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

(अंजुम परवेज)/(Anzum Parweej)

अधीक्षण अभियंता (वाणिज्य) /

Superintending Engineer (Commercial)

Northern Regional Power Committee

RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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-II TPS	6995.8375	8611875	35748730	3497919	47858524
2	IGSTPS-JHAJJAR	16538.3975	25799901	69312424	8269199	103381524
3	RIHAND STPS	417.2275	352140	647537	208614	1208291
4	RIHAND-II STPS	339.8250	266083	526050	169912	962045
5	RIHAND-III STPS	743.1700	1072394	1136307	371586	2580287
6	SINGRAULI STPS	513.5125	338918	739458	256756	1335132
7	TANDA-II STPS	1258.1975	1848292	4784925	629098	7262315
8	UNCHAHAR-I TPS	1148.3900	1201215	5399729	574195	7175139
9	UNCHAHAR-II TPS	1065.7750	1194734	3722752	532887	5450373
10	UNCHAHAR-III TPS	104.1675	125938	487817	52084	665839
11	UNCHAHAR-IV TPS	2133.6925	3556865	9473595	1066846	14097306
12	ANTA RF	3751.4325	2659765	43584142	1875716	48119623
13	AURAIYA RF	7170.7275	5335021	84987463	3585363	93907847
14	DADRI RF	8439.7750	4346484	95251300	4219888	103817672
15	FARIDABAD RF	10379.9825	8345506	111782032	5189991	125317529
Total						563139446

Northern Regional Power Committee
RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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-II TPS	1845.8425	9432255	7074191
2	IGSTPS-JHAJJAR	384.5500	1611650	1208737
3	RIHAND STPS	20.9875	32573	24430
4	RIHAND-II STPS	10.3975	16095	12071
5	TANDA-II STPS	1894.9375	7206448	5404836
6	UNCHAHAR-I TPS	669.3175	3147131	2360348
7	UNCHAHAR-II TPS	287.2400	1003330	752498
8	UNCHAHAR-III TPS	280.8075	1315021	986265
9	UNCHAHAR-IV TPS	626.2625	2780606	2085455
Total				19908831

Northern Regional Power Committee
RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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-II TPS :-			
		19.5988	24126	BIHAR
		40.0659	49322	CHANDIGARH
		4984.0948	6135419	DELHI
		20.6521	25423	GUJRAT
		7.0453	8673	HIMACHAL PRADESH
		5.3512	6587	HARYANA
		1.8767	2310	MADHYA PRADESH
		74.7336	91997	PUNJAB
		2.0658	2543	PG-BHIWADI
		14.5355	17893	PG-KURUKSHETRA
		559.3551	688566	RAJASTHAN
		51.1017	62907	UTTARAKHAND
		1215.3606	1496109	UTTAR PRADESH
	Total	6995.8371	8611875	
2	IGSTPS-JHAJJAR :-			
		110.5617	172476	BIHAR
		147.5260	230141	CHANDIGARH
		5029.7470	7846405	DELHI
		76.8041	119815	GUJRAT
		10647.3621	16609880	HARYANA
		0.1511	236	JAMMU AND KASHMIR
		5.2489	8188	MADHYA PRADESH
		127.6999	199211	PUNJAB
		266.2679	415378	UTTARAKHAND
		127.0333	198171	UTTAR PRADESH
	Total	16538.4020	25799901	
3	RIHAND STPS :-			
		1.3287	1121	BIHAR
		10.6488	8988	CHANDIGARH
		5.5550	4688	GUJRAT
		399.6950	337343	RAJASTHAN
	Total	417.2275	352140	

Northern Regional Power Committee

RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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
4	RIHAND-II STPS :-			
		0.8661	678	BIHAR
		5.5939	4381	CHANDIGARH
		0.0060	5	DELHI
		3.6250	2838	GUJRAT
		329.7340	258181	RAJASTHAN
	Total	339.8250	266083	
5	RIHAND-III STPS :-			
		1.9269	2781	BIHAR
		4.6221	6670	CHANDIGARH
		0.0066	9	DELHI
		8.0838	11664	GUJRAT
		728.5306	1051270	RAJASTHAN
	Total	743.1700	1072394	
6	SINGRAULI STPS :-			
		3.3175	2190	CHANDIGARH
		8.0225	5294	GUJRAT
		502.1725	331434	RAJASTHAN
	Total	513.5125	338918	
7	TANDA-II STPS :-			
		17.9208	26326	BIHAR
		15.4918	22757	CHANDIGARH
		0.7300	1072	DELHI
		33.3531	48996	GUJRAT
		3.0726	4514	HIMACHAL PRADESH
		10.0412	14751	HARYANA
		0.6794	998	MADHYA PRADESH
		54.0582	79412	PUNJAB
		1089.8194	1600942	RAJASTHAN
		20.7766	30521	UTTARAKHAND
		12.2552	18003	UTTAR PRADESH
	Total	1258.1983	1848292	
8	UNCHAHAHAR-I TPS :-			

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RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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
		1.2234	1280	BIHAR
		4.4588	4664	CHANDIGARH
		42.8106	44780	DELHI
		90.2759	94429	GUJRAT
		0.5060	529	HIMACHAL PRADESH
		40.2975	42151	HARYANA
		0.0684	72	MADHYA PRADESH
		3.3581	3512	PUNJAB
		28.1392	29433	RAJASTHAN
		112.3405	117508	UTTARAKHAND
		824.9117	862857	UTTAR PRADESH
	Total	1148.3901	1201215	
9	UNCHAHAHAR-II TPS :-			
		7.0569	7911	BIHAR
		7.1325	7995	CHANDIGARH
		101.2584	113510	DELHI
		5.8784	6589	GUJRAT
		20.8606	23385	HIMACHAL PRADESH
		50.2835	56368	HARYANA
		0.3239	364	MADHYA PRADESH
		412.1806	462054	PUNJAB
		414.2153	464336	RAJASTHAN
		45.4410	50940	UTTARAKHAND
		1.1440	1282	UTTAR PRADESH
	Total	1065.7751	1194734	
10	UNCHAHAHAR-III TPS :-			
		0.4839	585	BIHAR
		0.4723	571	CHANDIGARH
		9.6774	11700	DELHI
		0.5970	722	GUJRAT
		0.6486	784	HIMACHAL PRADESH
		12.7442	15408	HARYANA
		0.0036	4	MADHYA PRADESH

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RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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
		11.6701	14109	PUNJAB
		9.3934	11356	RAJASTHAN
		6.3536	7682	UTTARAKHAND
		52.1233	63017	UTTAR PRADESH
	Total	104.1674	125938	
11	UNCHAHAHAR-IV TPS :-			
		7.2353	12061	BIHAR
		14.5487	24253	CHANDIGARH
		2.9688	4949	DELHI
		10.4914	17489	GUJRAT
		2.4200	4034	HIMACHAL PRADESH
		219.7852	366382	HARYANA
		0.3033	506	MADHYA PRADESH
		20.0366	33401	PUNJAB
		448.7144	748007	RAJASTHAN
		168.4720	280843	UTTARAKHAND
		1238.7165	2064940	UTTAR PRADESH
	Total	2133.6922	3556865	
12	ANTA GPP:-			
		42.843800	30376	BIHAR
		115.168600	81655	CHANDIGARH
		455.734800	323116	DELHI
		107.172800	75985	GUJRAT
		3.274600	2321	HARYANA
		377.839900	267888	JAMMU AND KASHMIR
		3.573400	2534	MADHYA PRADESH
		47.527800	33697	PUNJAB
		273.697700	194051	UTTARAKHAND
		936.331100	663858	UTTAR PRADESH
	Total	2363.164500	1675481	
13	AURAIYA GPP:-			
		90.022900	66977	BIHAR
		245.312100	182512	CHANDIGARH

Northern Regional Power Committee

RRAS Settlement Account For The Week 29/05/2023 To 31/05/2023

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
		1228.979100	914360	DELHI
		269.890600	200799	GUJRAT
		95.750200	71238	HARYANA
		927.717500	690222	JAMMU AND KASHMIR
		8.996200	6693	MADHYA PRADESH
		119.688100	89048	PUNJAB
		697.296400	518788	UTTARAKHAND
		3443.221000	2561756	UTTAR PRADESH
	Total	7126.874100	5302393	
14	DADRI GPP:-			
		127.135300	65474	BIHAR
		273.656500	140933	CHANDIGARH
		1427.999800	735420	DELHI
		323.484900	166595	GUJRAT
		114.764000	59103	HARYANA
		1092.685000	562732	JAMMU AND KASHMIR
		10.781600	5553	MADHYA PRADESH
		143.454900	73880	PUNJAB
		765.701100	394336	UTTARAKHAND
		3676.928300	1893618	UTTAR PRADESH
	Total	7956.591400	4097644	

Northern Regional Power Committee
RRAS Settlement Account For The Week 29/05/2023 To 4/06/2023

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	2251.1832	983.1374	1268.0458	6723184	1180521	7903705
		DADRI-II TPS	1026.8309	737.1579	289.6730	1480231	531171	2011402
		KOLDAM HEP	171.3468	1712.0228	-1540.6760	-3777738	909117	-2868621
		RIHAND STPS	31.7883	1411.2978	-1379.5095	-2141001	630638	-1510363
		RIHAND-II STPS	74.1479	1989.5788	-1915.4309	-2965086	1014325	-1950760
		RIHAND-III STPS	145.0495	1549.2249	-1404.1754	-2146986	677710	-1469276
		SINGRAULI STPS	23.6125	2256.5186	-2232.9061	-3215384	968027	-2247356
		TANDA-II STPS	1794.2023	1657.2162	136.9861	520951	1725709	2246661
		UNCHAHAAR-II TPS	871.0003	1291.7091	-420.7088	-1469547	1081355	-388192
		UNCHAHAAR-III TPS	450.1737	201.7539	248.4198	1163356	170291	1333647
		UNCHAHAAR-IV TPS	2268.8299	430.8148	1838.0151	8160781	1134015	9294796
	Total :-							12355643
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	74.8187	508.4543	-433.6356	-854256	272924	-581333
		DHAULIGANGA HEP	106.4619	268.2379	-161.7760	-207074	184287	-22787
		DULHASTI HEP	16.6385	0	16.6385	38734	6824	45558
		SEWA-II HEP	0.0000	0	0.0000	0	0	0
	Total :-							-558562
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	78.8825	92.5266	-13.6441	-37465	58071	20606
		TEHRI HEP	226.5095	147.6336	78.8759	166816	38041	204857
	Total :-							225463
5	APCPL :-							

Northern Regional Power Committee
RRAS Settlement Account For The Week 29/05/2023 To 4/06/2023
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	1504.0200	1512.3076	-8.2876	-34722	1358619	1323897
	Total :-							1323897

Northern Regional Power Committee
RRAS Settlement Account For The Week 29/05/2023 To 4/06/2023

E. Actual Performance of SRAS Providers

FORMAT - SRAS2

Sr. No.	SRAS Provider(s)	29-05-2023	30-05-2023	31-05-2023	01-06-2023	02-06-2023	03-06-2023	04-06-2023	Remarks (Disqualification period)
		Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	Actual Performance	
1	SINGRAULI STPS	103.7	62.8	70.3	88.4	108	95.6	77	
2	KOTESHWAR	151.4	111.8	22.7	-0.4	128.7	102.6	53.4	
3	RIHAND-III STPS	92.7	88.6	89.7	92.3	94.6	83.6	93.2	
4	CHAMERA HEP	0	0	0	0	0	0	0	
5	DULHASTI HEP	92.8	114.6	88.3	0	0	0	0	
6	DADRI TPS	77.9	82.3	79.5	59.6	74.8	95.2	60.4	
7	KOLDAM HEP	100	94.9	95.7	98.6	96.6	98.8	95.6	
8	CHAMERA-III HEP	85.4	75.4	104.9	0	96.4	112.9	123.5	
9	TANDA-II STPS	118.5	147.5	103	110.1	115.4	120.5	115.9	
10	RIHAND-II STPS	104.4	97.8	92.1	103.8	131.5	152.2	107.5	
11	TEHRI HEP	-12.7	26.9	14.8	59.1	47.8	51	33.4	
12	UNCHAHAAR-III TPS	99.8	74.8	38.5	45.4	55.8	23.6	33.9	
13	RAMPUR HEP	0	0	0	0	0	0	0	
14	AURAIYA GPP	0	0	0	0	0	0	0	
15	SEWA-II HEP	0	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	94.1	73.5	89.1	49.9	58.6	54.3	76.3	
19	NATHPA JHAKRI HEP	0	0	0	0	0	0	0	
20	UNCHAHAAR-IV TPS	109.8	83.3	85.6	93.1	93.1	88.7	95.3	
21	IGSTPS-JHAJJAR	94.9	103.8	91.8	92.8	102.8	87	98.8	
22	UNCHAHAAR-II TPS	153.2	139.6	175.8	128.3	151.3	156.8	248.5	
23	DHAULIGANGA HEP	98.1	99.7	88.3	113.7	95.1	97.1	100.6	
24	RIHAND STPS	96.6	97.6	92.1	94.6	94.6	90.6	80.5	
25	CHAMERA-II HEP	0	0	0	0	0	0	0	

[illegible]

Northern Regional Power Committee

TRAS Account For The Week 01/06/2023 To 4/06/2023

Net Charges Payable/Receivable by the TRAS Provider(s) to/from the Regional Deviation and Ancillary Service Pool Account in Shortfall/Emergency Condition

Sr. No.	TRAS Provider Name	Energy scheduled under Shortfall/Emergency TRAS-Up(MWh)	Total Charges/Compensation Charges for Shortfall/Emergency TRAS-Up(Rs)	Energy scheduled under Shortfall/Emergency TRAS-Down(MWh)	Total Charges/Compensation Charges for Shortfall/Emergency TRAS-Down to be paid back to Pool(Rs)	Net Charges(Rs) (+) Payable from Pool to TRAS Provider (-) Receivable by Pool from TRAS Provider
1	DADRI TPS	509.9000	2973839	2659	12686070	-9712231
2	DADRI-II TPS	18780.2550	105563813	2068	9512342	96051471
3	IGSTPS-JHAJJAR	20248.3350	93346848	6301	23766713	69580135
4	UNCHAHAH-I TPS	171.9800	889515	1129	4779563	-3890048
5	UNCHAHAH-III TPS	85.9650	442832	601	2534299	-2091467
6	UNCHAHAH-IV TPS	210.9150	1030108	1480	5913890	-4883782
7	AURAIYA RF	700.5800	9133602	1	10987	9122615
8	DADRI RF	718.1600	8915669	3	26155	8889514