



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/4297-4320

दिनांक : 7 जून, 2022

No. NRPC/Comml/234/ RRAS/2022/4297-4320

Dated : 7 June, 2022

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 16 से 22 मई, 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 16th to 22nd May, 2022.

(सप्ताह सं. WEEK No. 08/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग आनुषंगिक सेवा) प्रचालन ,विनियम (2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए दिनांक 16 से 22 मई, 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 16th to 22nd May, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय
Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (Saumitra Mazumdar)
अधीक्षण अभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 16/05/2022 To 22/05/2022

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	1173.7900	1142097	5920597	586894	7649588
2	DADRI-II TPS	146.7825	210927	750793	73391	1035111
3	IGSTPS-JHAJJAR	1547.9300	2499908	5383701	773965	8657574
4	RIHAND STPS	82.7200	69815	112995	41360	224170
5	RIHAND-II STPS	71.7950	55139	97857	35897	188893
6	RIHAND-III STPS	77.1800	111371	103807	38590	253768
7	SINGRAULI STPS	125.0850	81930	190004	62543	334477
8	TANDA-II STPS	1483.5325	2179310	4253287	741766	7174363
9	UNCHAHAR-I TPS	288.9975	312407	976234	144498	1433139
10	UNCHAHAR-II TPS	469.4750	514545	1599970	234737	2349252
11	UNCHAHAR-III TPS	538.5225	725390	1819128	269262	2813780
12	UNCHAHAR-IV TPS	1666.6175	2758252	5306509	833310	8898071
13	ANTA CRF	2549.3400	1807482	64121000	1274670	67203152
14	ANTA LF	187.5000	132938	3722625	93750	3949313
15	AURAIYA CRF	10766.8050	6836922	270139138	5383402	282359462
16	AURAIYA LF	138.7050	88078	2905592	69352	3063022
17	AURAIYA RF	203.5350	129245	2589983	101768	2820996
18	DADRI RF	38.5000	22214	466004	19250	507468
Total						400915599

Northern Regional Power Committee
RRAS Settlement Account For The Week 16/05/2022 To 22/05/2022
 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	2871.1000	14481828	10861371
2	DADRI-II TPS	6017.4275	30779141	23084356
3	IGSTPS-JHAJJAR	8474.2375	29473398	22105049
4	RIHAND STPS	1503.6175	2053942	1540456
5	RIHAND-II STPS	1855.6800	2529292	1896969
6	RIHAND-III STPS	914.8075	1230416	922812
7	SINGRAULI STPS	3276.0875	4976377	3732282
8	TANDA-II STPS	4106.5300	11773421	8830066
9	UNCHAHAR-I TPS	549.7875	1857182	1392886
10	UNCHAHAR-II TPS	594.2500	2025205	1518904
11	UNCHAHAR-III TPS	321.1050	1084692	813519
12	UNCHAHAR-IV TPS	721.9575	2298713	1724035
13	AURAIYA LF	2.9850	62530	46898
Total				78469603

Northern Regional Power Committee

RRAS Settlement Account For The Week 16/05/2022 To 22/05/2022

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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
1	DADRI TPS :-			
		219.3146	213393	GUJRAT
		321.8349	313145	RAJASTHAN
		632.6405	615559	UTTAR PRADESH
	Total	1173.7900	1142097	
2	DADRI-II TPS :-			
		6.1589	8850	CHANDIGARH
		8.0489	11566	DELHI
		1.4163	2035	HIMACHAL PRADESH
		4.2966	6174	JAMMU AND KASHMIR
		0.0177	25	MADHYA PRADESH
		0.4297	617	PG-BHIWADI
		1.0307	1481	PG-KURUKSHETRA
		69.9889	100576	RAJASTHAN
		3.5538	5107	UTTARAKHAND
		51.8410	74496	UTTAR PRADESH
	Total	146.7825	210927	
3	IGSTPS-JHAJJAR :-			
		75.2562	121539	CHANDIGARH
		1049.7505	1695350	DELHI
		67.0032	108209	JAMMU AND KASHMIR
		0.2177	352	MADHYA PRADESH
		86.7737	140139	UTTARAKHAND
		268.9285	434319	UTTAR PRADESH
	Total	1547.9298	2499908	
4	RIHAND STPS :-			
		5.6100	4735	CHANDIGARH
		1.8700	1578	DELHI
		75.2400	63502	UTTARAKHAND
	Total	82.7200	69815	
5	RIHAND-II STPS :-			
		4.8750	3744	CHANDIGARH
		66.9200	51395	UTTARAKHAND

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RRAS Settlement Account For The Week 16/05/2022 To 22/05/2022
 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
	Total	71.7950	55139	
6	RIHAND-III STPS :-			
		77.1800	111371	UTTARAKHAND
	Total	77.1800	111371	
7	SINGRAULI STPS :-			
		125.0850	81930	UTTARAKHAND
	Total	125.0850	81930	
8	TANDA-II STPS :-			
		20.1384	29583	CHANDIGARH
		10.3848	15255	GUJRAT
		1.5838	2327	HIMACHAL PRADESH
		19.9513	29308	JAMMU AND KASHMIR
		2.2321	3279	MADHYA PRADESH
		198.6125	291763	UTTARAKHAND
		1230.6294	1807795	UTTAR PRADESH
	Total	1483.5323	2179310	
9	UNCHAHAHAR-I TPS :-			
		1.8226	1970	CHANDIGARH
		0.6720	727	DELHI
		0.0238	26	GUJRAT
		0.0638	69	HIMACHAL PRADESH
		0.0490	53	MADHYA PRADESH
		1.2970	1402	RAJASTHAN
		78.2354	84573	UTTARAKHAND
		206.8331	223587	UTTAR PRADESH
	Total	288.9967	312407	
10	UNCHAHAHAR-II TPS :-			
		2.6796	2937	CHANDIGARH
		12.9083	14147	DELHI
		4.8612	5328	HIMACHAL PRADESH
		0.2788	306	MADHYA PRADESH
		12.4816	13680	RAJASTHAN
		71.4224	78279	UTTARAKHAND

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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
		364.8431	399868	UTTAR PRADESH
	Total	469.4750	514545	
11	UNCHAHAHAR-III TPS :-			
		1.2859	1732	CHANDIGARH
		9.9686	13429	DELHI
		2.6866	3619	HIMACHAL PRADESH
		0.1850	249	MADHYA PRADESH
		6.4636	8706	RAJASTHAN
		89.4931	120547	UTTARAKHAND
		428.4395	577108	UTTAR PRADESH
	Total	538.5223	725390	
12	UNCHAHAHAR-IV TPS :-			
		17.6311	29180	CHANDIGARH
		0.9202	1523	HIMACHAL PRADESH
		2.1479	3555	RAJASTHAN
		171.8048	284337	UTTARAKHAND
		1474.1136	2439657	UTTAR PRADESH
	Total	1666.6176	2758252	
13	ANTA GPP:-			
		99.757100	70728	CHANDIGARH
		347.989900	246724	DELHI
		118.645300	84120	HIMACHAL PRADESH
		54.020400	38301	HARYANA
		385.107400	273041	JAMMU AND KASHMIR
		7.955200	5640	MADHYA PRADESH
		64.628500	45821	PUNJAB
		656.536300	465484	RAJASTHAN
		168.689600	119601	UTTARAKHAND
		833.515600	590960	UTTAR PRADESH
	Total	2736.845300	1940420	
14	AURAIYA GPP:-			
		355.712200	225877	CHANDIGARH
		1285.224100	816116	DELHI

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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
		461.316400	292936	HIMACHAL PRADESH
		219.505200	139385	HARYANA
		1570.150200	997045	JAMMU AND KASHMIR
		31.957800	20293	MADHYA PRADESH
		269.564900	171173	PUNJAB
		1278.351000	811754	RAJASTHAN
		712.818200	452640	UTTARAKHAND
		4924.430300	3127026	UTTAR PRADESH
	Total	11109.030300	7054245	
15	DADRI GPP:-			
		2.254800	1301	CHANDIGARH
		6.852200	3954	DELHI
		2.714800	1566	HIMACHAL PRADESH
		1.515200	874	HARYANA
		10.462000	6037	JAMMU AND KASHMIR
		0.216400	125	MADHYA PRADESH
		1.821800	1051	PUNJAB
		8.369600	4829	RAJASTHAN
		4.293000	2477	UTTARAKHAND
	Total	38.499800	22214	

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RRAS Settlement Account For The Week 16/05/2022 To 22/05/2022

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	0.0000	0	0.0000	0	0	0
		RIHAND STPS	21.9171	4449.8653	-4427.9482	-6048579	2235891	-3812688
		RIHAND-II STPS	32.8768	6315.0947	-6282.2179	-8562667	3173986	-5388681
		RIHAND-III STPS	6.5020	5421.0133	-5414.5113	-7282516	2713758	-4568759
		SINGRAULI STPS	208.8858	2744.4213	-2535.5355	-3851477	1476654	-2374823
		TANDA-II STPS	406.4276	1161.9067	-755.4791	-2166104	784167	-1381937
		UNCHAHAAR-II TPS	916.0355	295.7751	620.2604	2113842	605905	2719748
		UNCHAHAAR-III TPS	25.5742	43.0599	-17.4857	-58939	34317	-24622
		UNCHAHAAR-IV TPS	105.7528	218.0837	-112.3309	-357636	161918	-195718
	Total :-							-15027480
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	179.2826	284.1959	-104.9133	-206673	231739	25066
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	Total :-							25066
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	269.5766	176.9587	92.6179	214300	223268	437568
		TEHRI HEP	13.2090	69.5426	-56.3336	-119260	41376	-77885
	Total :-							359683
5	APCPL :-							
		IGSTPS-JHAJJAR	1095.3293	4187.0608	-3091.7315	-10753049	2641195	-8111854
	Total :-							-8111854

Note: Above calculations are based on the directions of Hon'ble CERC in order dated 06.12.2017 in Petition No. 79/RC/2017

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RRAS Settlement Account For The Week 16/05/2022 To 22/05/2022
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