



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./2019/13208-13231
No. NRPC/Comml/234/ RRAS/2019/

दिनांक : 29 अक्टूबर, 2019
Dated : 29th October, 2019

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक दिनांक 07 से 13 अक्टूबर, 2019 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 07th to 13th October, 2019.

(सप्ताह सं. WEEK No. 28/ वि.व. F.Y. 2019-20)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवा प्रचालन) विनियम, 2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए दिनांक 07 से 13 अक्टूबर, 2019 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.जी.सी. 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 07th to 13th October, 2019.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

(आर.पी.प्रधान)

(R.P.Pradhan)

अधीक्षण अभियंता

Superintending Engineer

Northern Regional Power Committee
RRAS Settlement Account For The Week 7/10/2019 To 13/10/2019
 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	346.2900	340749	1458920	173145	1972814
2	DADRI-II TPS	730.6100	1062307	2869106	365305	4296718
3	IGSTPS-JHAJJAR	2024.7275	3306381	7610950	1012364	11929695
4	RIHAND STPS	135.7700	116490	179216	67884	363590
5	RIHAND-II STPS	81.5900	58255	107536	40795	206586
6	RIHAND-III STPS	185.2500	270465	240454	92625	603544
7	SINGRAULI STPS	120.8625	79407	162077	60431	301915
8	UNCHAHAR-I TPS	580.6975	634703	1997599	290349	2922651
9	UNCHAHAR-II TPS	910.3400	927637	3159791	455169	4542597
10	UNCHAHAR-III TPS	494.2475	672671	1700211	247123	2620005
11	UNCHAHAR-IV TPS	1089.5675	1672486	3532378	544783	5749647
12	ANTA RF	1501.2500	1076396	12813169	750625	14640190
13	AURAIYA RF	1702.3475	1092907	14744032	851174	16688113
14	DADRI RF	1338.9450	779267	11044957	669472	12493696
Total						79331761

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RRAS Settlement Account For The Week 7/10/2019 To 13/10/2019

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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	17.5000	73728	55296
2	DADRI-II TPS	70.6475	277433	208075
3	IGSTPS-JHAJJAR	96.6775	363411	272558
4	RIHAND STPS	161.5600	213259	159944
5	RIHAND-II STPS	168.4000	221951	166463
6	RIHAND-III STPS	148.9200	193298	144974
7	SINGRAULI STPS	784.1950	1051605	788705
8	UNCHAHAR-I TPS	173.7425	597674	448255
9	UNCHAHAR-II TPS	160.4550	556939	417705
10	UNCHAHAR-III TPS	158.6325	545696	409272
11	UNCHAHAR-IV TPS	217.8900	706400	529800
Total				3601047

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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 :-			
		234.6403	230886	DELHI
		111.6497	109863	UTTAR PRADESH
	Total	346.2900	340749	
2	DADRI-II TPS :-			
		1.3992	2035	CHANDIGARH
		146.0667	212382	DELHI
		0.1779	259	HIMACHAL PRADESH
		6.6109	9612	MADHYA PRADESH
		20.2212	29402	PUNJAB
		5.8234	8467	PG-KURUKSHETRA
		335.9722	488502	RAJASTHAN
		1.6797	2442	UTTARAKHAND
		212.6596	309206	UTTAR PRADESH
	Total	730.6108	1062307	
3	IGSTPS-JHAJJAR :-			
		37.1948	60739	CHANDIGARH
		1888.3387	3083657	DELHI
		3.9383	6431	MADHYA PRADESH
		37.3061	60921	UTTARAKHAND
		57.9501	94633	UTTAR PRADESH
	Total	2024.7280	3306381	
4	RIHAND STPS :-			
		43.2833	37137	CHANDIGARH
		16.8080	14421	DELHI
		25.4648	21849	HIMACHAL PRADESH
		27.3748	23487	JAMMU AND KASHMIR
		3.2572	2795	PUNJAB
		15.7111	13480	RAJASTHAN
		3.8705	3321	UTTARAKHAND
	Total	135.7697	116490	
5	RIHAND-II STPS :-			
		8.8534	6321	CHANDIGARH

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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
		0.2110	151	DELHI
		4.1912	2993	HIMACHAL PRADESH
		19.2890	13772	JAMMU AND KASHMIR
		12.7883	9131	PUNJAB
		36.2571	25887	UTTARAKHAND
	Total	81.5900	58255	
6	RIHAND-III STPS :-			
		8.2709	12076	CHANDIGARH
		33.2970	48614	HIMACHAL PRADESH
		46.5000	67890	JAMMU AND KASHMIR
		41.1736	60113	PUNJAB
		56.0086	81772	UTTARAKHAND
	Total	185.2501	270465	
7	SINGRAULI STPS :-			
		37.1279	24393	DELHI
		57.4194	37725	RAJASTHAN
		26.3152	17289	UTTARAKHAND
	Total	120.8625	79407	
8	UNCHAHAAR-I TPS :-			
		9.6993	10603	CHANDIGARH
		8.0925	8846	DELHI
		0.6731	735	HIMACHAL PRADESH
		19.1097	20887	HARYANA
		1.6730	1829	JAMMU AND KASHMIR
		1.1058	1209	MADHYA PRADESH
		50.7290	55447	PUNJAB
		143.3447	156675	RAJASTHAN
		66.1556	72308	UTTARAKHAND
		280.1139	306164	UTTAR PRADESH
	Total	580.6966	634703	
9	UNCHAHAAR-II TPS :-			
		14.4184	14691	CHANDIGARH
		11.4198	11636	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
		1.5188	1548	HIMACHAL PRADESH
		42.5147	43322	HARYANA
		7.7743	7922	JAMMU AND KASHMIR
		4.5288	4615	MADHYA PRADESH
		264.5859	269613	PUNJAB
		319.5483	325620	RAJASTHAN
		35.2428	35914	UTTARAKHAND
		208.7883	212756	UTTAR PRADESH
	Total	910.3401	927637	
10	UNCHAHAHAR-III TPS :-			
		7.2064	9807	CHANDIGARH
		7.7697	10575	DELHI
		1.2510	1703	HIMACHAL PRADESH
		24.4121	33225	HARYANA
		6.9453	9453	JAMMU AND KASHMIR
		2.5734	3502	MADHYA PRADESH
		26.8161	36497	PUNJAB
		248.8400	338673	RAJASTHAN
		37.1438	50553	UTTARAKHAND
		131.2884	178683	UTTAR PRADESH
	Total	494.2462	672671	
11	UNCHAHAHAR-IV TPS :-			
		29.4483	45203	CHANDIGARH
		0.2112	325	HIMACHAL PRADESH
		64.4632	98952	HARYANA
		14.1980	21794	JAMMU AND KASHMIR
		6.6622	10226	MADHYA PRADESH
		11.2436	17258	PUNJAB
		660.2490	1013481	RAJASTHAN
		100.1724	153765	UTTARAKHAND
		202.9199	311482	UTTAR PRADESH
	Total	1089.5678	1672486	
12	ANTA GPP:-			

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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
		44.887900	32184	CHANDIGARH
		157.631100	113021	DELHI
		53.744900	38535	HIMACHAL PRADESH
		86.021100	61677	HARYANA
		161.834900	116036	JAMMU AND KASHMIR
		3.752600	2691	MADHYA PRADESH
		175.495600	125831	PUNJAB
		297.397100	213233	RAJASTHAN
		89.774900	64369	UTTARAKHAND
		430.708100	308819	UTTAR PRADESH
	Total	1501.248200	1076396	
13	AURAIYA GPP:-			
		43.795100	28116	CHANDIGARH
		165.377600	106173	DELHI
		57.244000	36750	HIMACHAL PRADESH
		101.383900	65089	HARYANA
		180.526100	115898	JAMMU AND KASHMIR
		4.310600	2766	MADHYA PRADESH
		215.872200	138590	PUNJAB
		158.628300	101839	RAJASTHAN
		103.625700	66527	UTTARAKHAND
		671.583800	431159	UTTAR PRADESH
	Total	1702.347300	1092907	
14	DADRI GPP:-			
		33.851300	19702	CHANDIGARH
		149.346000	86920	DELHI
		41.418700	24106	HIMACHAL PRADESH
		67.977200	39563	HARYANA
		147.511700	85852	JAMMU AND KASHMIR
		3.439600	2001	MADHYA PRADESH
		218.791400	127336	PUNJAB
		0.605900	353	PG-DADRI(G)
		127.696700	74320	RAJASTHAN

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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
		43.021100	25039	UTTARAKHAND
		505.284500	294075	UTTAR PRADESH
	Total	1338.944100	779267	

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RRAS Settlement Account For The Week 7/10/2019 To 13/10/2019

D. Payment to the AGC Provider from the DSM Pool

Sr. No.	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	DADRI-II TPS	1378.776834	161.050158	1217.726676	4782012	769914	5551927

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 7/10/2019 To 13/10/2019
 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	0.000000	0	0
2	CHAMERA-II HEP	0.000000	0	0
3	CHAMERA-III HEP	0.000000	0	0
4	DEHAR HEP	0.000000	0	0
5	DULHASTI HEP	0.000000	0	0
6	KOLDAM HEP	0.000000	0	0
7	KOTESHWAR	0.000000	0	0
8	NATHPA JHAKRI HEP	0.000000	0	0
9	PONG HEP	0.000000	0	0
10	PARBATI-III	0.000000	0	0
11	RAMPUR HEP	0.000000	0	0
12	SEWA-II HEP	0.000000	0	0
13	TEHRI HEP	0.000000	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