



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./2019/14195 - 218
No. NRPC/Comml/234/ RRAS/2019/

दिनांक : 15 नवम्बर, 2019
Dated : 15th November, 2019

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 28 अक्टूबर से 03 नवम्बर, 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
28th October to 03rd November, 2019.**

(सप्ताह सं. WEEK No. 31/ 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 28 अक्टूबर से 03 नवम्बर, 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 28th October to 03rd November, 2019.

अनुलग्नक - यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

अधीक्षण अभियंता

Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 28/10/2019 To 3/11/2019

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	908.0800	893551	4020979	454038	5368568
2	DADRI-II TPS	4008.6350	5828554	16271050	2004317	24103921
3	IGSTPS-JHAJJAR	2176.1725	3553690	7919092	1088086	12560868
4	RIHAND STPS	1086.8050	932478	1428061	543403	2903942
5	RIHAND-II STPS	502.5850	358847	658890	251293	1269030
6	RIHAND-III STPS	441.8600	646440	572208	220930	1439578
7	SINGRAULI STPS	1899.4125	1247915	2583201	949706	4780822
8	UNCHAHAHAR-I TPS	1250.4775	1366773	4351663	625240	6343676
9	UNCHAHAHAR-II TPS	1409.9425	1436732	4950308	704972	7092012
10	UNCHAHAHAR-III TPS	612.7475	833949	2132361	306374	3272684
11	UNCHAHAHAR-IV TPS	1689.6175	2593562	5541945	844809	8980316
12	ANTA RF	183.6750	131695	1469033	91838	1692566
13	AURAIYA RF	546.5100	350859	4444766	273255	5068880
14	DADRI GF	487.5375	283747	1674203	243769	2201719
15	DADRI RF	821.4500	478084	6361309	410725	7250118
Total						94328700

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RRAS Settlement Account For The Week 28/10/2019 To 3/11/2019

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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	19.9750	88449	66337
2	DADRI-II TPS	19.2350	78075	58557
3	IGSTPS-JHAJJAR	397.1525	1445237	1083927
4	RIHAND STPS	306.5475	402803	302102
5	RIHAND-II STPS	189.1725	248006	186006
6	RIHAND-III STPS	429.4925	556193	417145
7	SINGRAULI STPS	653.6525	888967	666725
8	UNCHAHAR-I TPS	326.0800	1134758	851069
9	UNCHAHAR-II TPS	14.7400	51753	38815
10	DADRI GF	107.0175	367498	275623
Total				3946306

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RRAS Settlement Account For The Week 28/10/2019 To 3/11/2019
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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 :-			
		725.5006	713893	DELHI
		182.5794	179658	UTTAR PRADESH
	Total	908.0800	893551	
2	DADRI-II TPS :-			
		1.4612	2126	CHANDIGARH
		2129.9884	3097002	DELHI
		5.0361	7323	HIMACHAL PRADESH
		20.7433	30160	MADHYA PRADESH
		49.9474	72624	PUNJAB
		19.8956	28928	PG-KURUKSHETRA
		725.7309	1055212	RAJASTHAN
		3.4470	5012	UTTARAKHAND
		1052.3848	1530167	UTTAR PRADESH
	Total	4008.6347	5828554	
3	IGSTPS-JHAJJAR :-			
		26.2669	42893	CHANDIGARH
		1946.0707	3177935	DELHI
		87.9274	143585	JAMMU AND KASHMIR
		3.7741	6163	MADHYA PRADESH
		40.2526	65732	UTTARAKHAND
		71.8805	117382	UTTAR PRADESH
	Total	2176.1722	3553690	
4	RIHAND STPS :-			
		55.8251	47897	CHANDIGARH
		125.2652	107477	DELHI
		68.8148	59043	HIMACHAL PRADESH
		50.2371	43103	HARYANA
		81.9785	70337	JAMMU AND KASHMIR
		12.1031	10384	PUNJAB
		284.9370	244478	RAJASTHAN
		238.0971	204289	UTTARAKHAND
		169.5467	145470	UTTAR PRADESH

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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
	Total	1086.8046	932478	
5	RIHAND-II STPS :-			
		31.5469	22525	CHANDIGARH
		55.5337	39651	DELHI
		32.0222	22864	HIMACHAL PRADESH
		26.2324	18730	HARYANA
		128.5301	91771	JAMMU AND KASHMIR
		1.8842	1345	PUNJAB
		38.8040	27706	RAJASTHAN
		139.3954	99528	UTTARAKHAND
		48.6363	34727	UTTAR PRADESH
	Total	502.5852	358847	
6	RIHAND-III STPS :-			
		16.7716	24537	CHANDIGARH
		4.5100	6598	DELHI
		79.4285	116204	HIMACHAL PRADESH
		23.9854	35091	HARYANA
		157.6933	230704	JAMMU AND KASHMIR
		112.9323	165220	UTTARAKHAND
		46.5389	68086	UTTAR PRADESH
	Total	441.8600	646440	
7	SINGRAULI STPS :-			
		1.2216	802	CHANDIGARH
		219.8050	144413	DELHI
		3.7052	2434	HIMACHAL PRADESH
		107.3603	70536	HARYANA
		0.3379	222	JAMMU AND KASHMIR
		95.6413	62836	PUNJAB
		947.1326	622268	RAJASTHAN
		140.4133	92251	UTTARAKHAND
		383.7949	252153	UTTAR PRADESH
	Total	1899.4121	1247915	
8	UNCHAHAAR-I TPS :-			

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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
		9.0448	9885	CHANDIGARH
		41.5303	45394	DELHI
		14.6950	16061	HIMACHAL PRADESH
		43.8004	47873	HARYANA
		15.0391	16438	JAMMU AND KASHMIR
		1.7032	1863	MADHYA PRADESH
		137.4103	150190	PUNJAB
		133.9970	146459	RAJASTHAN
		171.5162	187467	UTTARAKHAND
		681.7412	745143	UTTAR PRADESH
	Total	1250.4775	1366773	
9	UNCHAHAAR-II TPS :-			
		13.8471	14110	CHANDIGARH
		86.4777	88120	DELHI
		25.9621	26456	HIMACHAL PRADESH
		88.6656	90351	HARYANA
		12.3688	12604	JAMMU AND KASHMIR
		5.7959	5906	MADHYA PRADESH
		335.5996	341977	PUNJAB
		316.6950	322713	RAJASTHAN
		73.8117	75215	UTTARAKHAND
		450.7202	459280	UTTAR PRADESH
	Total	1409.9437	1436732	
10	UNCHAHAAR-III TPS :-			
		4.6631	6346	CHANDIGARH
		38.1741	51955	DELHI
		16.4803	22429	HIMACHAL PRADESH
		43.8587	59692	HARYANA
		7.0080	9537	JAMMU AND KASHMIR
		2.7489	3740	MADHYA PRADESH
		63.0945	85872	PUNJAB
		156.8622	213489	RAJASTHAN
		57.8675	78757	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
		221.9900	302132	UTTAR PRADESH
	Total	612.7473	833949	
11	UNCHAHAR-IV TPS :-			
		22.0367	33826	CHANDIGARH
		2.5376	3895	HIMACHAL PRADESH
		176.1163	270338	HARYANA
		56.2751	86382	JAMMU AND KASHMIR
		8.0905	12419	MADHYA PRADESH
		13.7033	21034	PUNJAB
		438.6757	673367	RAJASTHAN
		158.5428	243363	UTTARAKHAND
		813.6386	1248938	UTTAR PRADESH
	Total	1689.6166	2593562	
12	ANTA GPP:-			
		4.298000	3082	CHANDIGARH
		19.285800	13828	DELHI
		6.575600	4715	HIMACHAL PRADESH
		10.524700	7546	HARYANA
		31.059400	22270	JAMMU AND KASHMIR
		0.477500	342	MADHYA PRADESH
		21.471700	15395	PUNJAB
		36.386100	26089	RAJASTHAN
		10.010300	7177	UTTARAKHAND
		43.586200	31251	UTTAR PRADESH
	Total	183.675300	131695	
13	AURAIYA GPP:-			
		10.329100	6631	CHANDIGARH
		59.350900	38103	DELHI
		18.144200	11649	HIMACHAL PRADESH
		32.134700	20630	HARYANA
		90.502100	58102	JAMMU AND KASHMIR
		1.421000	912	MADHYA PRADESH
		68.423100	43928	PUNJAB

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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
		50.278900	32279	RAJASTHAN
		30.003400	19262	UTTARAKHAND
		185.922600	119363	UTTAR PRADESH
	Total	546.510000	350859	
14	DADRI GPP:-			
		24.782700	14423	CHANDIGARH
		142.643100	83018	DELHI
		32.873900	19133	HIMACHAL PRADESH
		67.141800	39076	HARYANA
		184.723900	107509	JAMMU AND KASHMIR
		3.995800	2324	MADHYA PRADESH
		182.050100	105952	PUNJAB
		0.730200	425	PG-DADRI(G)
		132.331300	77016	RAJASTHAN
		79.613400	46335	UTTARAKHAND
		458.101100	266620	UTTAR PRADESH
	Total	1308.987300	761831	

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RRAS Settlement Account For The Week 28/10/2019 To 3/11/2019

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	3229.436408	48.666160	3180.770248	12910747	1639038	14549786

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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 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