



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/9600-9623

दिनांक: 10 अक्टूबर, 2022

No. NRPC/Comm/234/ RRAS/2022/ 9600-9623

Dated: 10 October, 2022

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 19 से 25 सितंबर, 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 19th to 25th September, 2022.

(सप्ताह सं. WEEK No. 26/ वि.व.फ.य. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवाप्रचालन विनियम) 2015 व सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार किये गए दिनांक 19 से 25 सितंबर, 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 19th to 25th September, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (SaumitraMazumdar)

अधीक्षण अभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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	1086.5675	1057230	5631679	543285	7232194
2	DADRI-II TPS	2919.1625	4066393	14540348	1459582	20066323
3	IGSTPS-JHAJJAR	3382.2900	5462397	17462764	1691144	24616305
4	RIHAND STPS	830.5425	700977	1269900	415272	2386149
5	RIHAND-II STPS	1406.8175	1080435	2145397	703408	3929240
6	RIHAND-III STPS	1604.6350	2315489	2416580	802318	5534387
7	SINGRAULI STPS	3043.1875	1993289	4522176	1521594	8037059
8	TANDA-II STPS	2948.7450	4331706	11293693	1474373	17099772
9	UNCHAHAR-I TPS	601.3800	650091	2797620	300690	3748401
10	UNCHAHAR-II TPS	852.9500	934833	4002893	426476	5364202
11	UNCHAHAR-III TPS	510.7350	687960	2375940	255367	3319267
12	UNCHAHAR-IV TPS	2589.9000	4286284	11354121	1294950	16935355
13	ANTA LF	229.2250	162521	4623239	114612	4900372
14	ANTA RF	385.0000	272965	5823895	192500	6289360
15	AURAIYA RF	762.6550	484286	11710568	381328	12576182
16	DADRI LF	1249.8150	643655	34002467	624908	35271030
17	DADRI RF	106.2500	54719	1553375	53125	1661219
Total						178966817

Northern Regional Power Committee
RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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	1773.8050	9193632	6895224
2	DADRI-II TPS	3370.9575	16790739	12593055
3	IGSTPS-JHAJJAR	10219.2075	52761769	39571327
4	RIHAND STPS	13.9700	21360	16020
5	RIHAND-II STPS	47.4150	72308	54231
6	RIHAND-III STPS	5.0250	7568	5676
7	SINGRAULI STPS	133.9675	199076	149307
8	TANDA-II STPS	18.0950	69304	51978
9	UNCHAHAR-I TPS	103.3575	480819	360613
10	UNCHAHAR-II TPS	1006.8750	4725264	3543948
11	UNCHAHAR-III TPS	350.2500	1629362	1222022
12	UNCHAHAR-IV TPS	52.8575	231727	173796
Total				64637197

Northern Regional Power Committee
RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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
1	DADRI TPS :-			
		963.3677	937356	GUJRAT
		15.0942	14687	RAJASTHAN
		108.1055	105187	UTTAR PRADESH
	Total	1086.5674	1057230	
2	DADRI-II TPS :-			
		20.4428	28477	CHANDIGARH
		433.0123	603187	DELHI
		2.9899	4165	HIMACHAL PRADESH
		2095.1158	2918496	HARYANA
		6.3405	8831	MADHYA PRADESH
		39.1453	54530	PUNJAB
		2.1415	2983	PG-BHIWADI
		12.3997	17273	PG-KURUKSHETRA
		49.3703	68774	RAJASTHAN
		9.1451	12739	UTTARAKHAND
		249.0589	346938	UTTAR PRADESH
	Total	2919.1621	4066393	
3	IGSTPS-JHAJJAR :-			
		100.0301	161548	CHANDIGARH
		721.2252	1164780	DELHI
		2430.5712	3925373	HARYANA
		5.7658	9312	MADHYA PRADESH
		57.9954	93663	PUNJAB
		17.4328	28153	UTTARAKHAND
		49.2687	79568	UTTAR PRADESH
	Total	3382.2892	5462397	
4	RIHAND STPS :-			
		58.5586	49423	CHANDIGARH
		1.6870	1424	DELHI
		22.7997	19243	HIMACHAL PRADESH
		188.3255	158945	HARYANA
		111.6749	94254	PUNJAB

Northern Regional Power Committee
RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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
		48.0533	40557	UTTARAKHAND
		399.4435	337131	UTTAR PRADESH
	Total	830.5425	700977	
5	RIHAND-II STPS :-			
		92.0216	70672	CHANDIGARH
		4.8248	3705	DELHI
		54.5839	41920	HIMACHAL PRADESH
		367.2241	282028	HARYANA
		230.1313	176741	PUNJAB
		54.8484	42124	UTTARAKHAND
		603.1835	463245	UTTAR PRADESH
	Total	1406.8176	1080435	
6	RIHAND-III STPS :-			
		91.9212	132642	CHANDIGARH
		97.9824	141389	HIMACHAL PRADESH
		563.4491	813057	HARYANA
		191.0376	275667	PUNJAB
		57.8882	83533	UTTARAKHAND
		602.3567	869201	UTTAR PRADESH
	Total	1604.6352	2315489	
7	SINGRAULI STPS :-			
		44.8206	29356	CHANDIGARH
		0.7693	504	DELHI
		7.5678	4957	HIMACHAL PRADESH
		1548.4944	1014266	HARYANA
		445.1004	291541	PUNJAB
		996.4351	652665	UTTAR PRADESH
	Total	3043.1876	1993289	
8	TANDA-II STPS :-			
		80.3678	118060	CHANDIGARH
		5.9334	8716	HIMACHAL PRADESH
		56.5956	83139	JAMMU AND KASHMIR
		16.6663	24483	MADHYA PRADESH

Northern Regional Power Committee

RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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
		56.3774	82818	PUNJAB
		102.6902	150851	RAJASTHAN
		155.9675	229116	UTTARAKHAND
		2474.1471	3634523	UTTAR PRADESH
	Total	2948.7453	4331706	
9	UNCHAHAHAR-I TPS :-			
		11.6167	12558	CHANDIGARH
		10.6097	11469	DELHI
		29.4763	31864	GUJRAT
		0.6408	693	HIMACHAL PRADESH
		49.7214	53750	HARYANA
		0.3267	353	MADHYA PRADESH
		4.1184	4451	PUNJAB
		2.8051	3032	RAJASTHAN
		65.9023	71240	UTTARAKHAND
		426.1627	460681	UTTAR PRADESH
	Total	601.3801	650091	
10	UNCHAHAHAR-II TPS :-			
		30.2659	33171	CHANDIGARH
		29.8609	32728	DELHI
		25.2914	27720	HIMACHAL PRADESH
		163.7400	179460	HARYANA
		4.0066	4392	MADHYA PRADESH
		293.7756	321978	PUNJAB
		12.9523	14196	RAJASTHAN
		40.2281	44089	UTTARAKHAND
		252.8286	277099	UTTAR PRADESH
	Total	852.9494	934833	
11	UNCHAHAHAR-III TPS :-			
		10.5593	14223	CHANDIGARH
		20.5513	27683	DELHI
		19.8878	26789	HIMACHAL PRADESH
		78.2636	105420	HARYANA

Northern Regional Power Committee

RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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
		0.7044	949	MADHYA PRADESH
		107.3044	144538	PUNJAB
		7.5199	10129	RAJASTHAN
		9.6260	12966	UTTARAKHAND
		256.3190	345263	UTTAR PRADESH
	Total	510.7357	687960	
12	UNCHAHAR-IV TPS :-			
		36.3325	60131	CHANDIGARH
		2.6003	4304	HIMACHAL PRADESH
		261.3064	432461	HARYANA
		5.1132	8463	MADHYA PRADESH
		23.0469	38143	PUNJAB
		380.4176	629591	RAJASTHAN
		124.3071	205728	UTTARAKHAND
		1756.7762	2907463	UTTAR PRADESH
	Total	2589.9002	4286284	
13	ANTA GPP:-			
		20.755000	14715	CHANDIGARH
		64.239500	45545	DELHI
		11.239600	7969	HARYANA
		80.123800	56808	JAMMU AND KASHMIR
		1.654600	1173	MADHYA PRADESH
		13.445700	9533	PUNJAB
		35.097100	24884	UTTARAKHAND
		173.417200	122953	UTTAR PRADESH
	Total	399.972500	283580	
14	AURAIYA GPP:-			
		22.792700	14473	CHANDIGARH
		91.257800	57949	DELHI
		14.423500	9159	HARYANA
		100.606800	63885	JAMMU AND KASHMIR
		2.047800	1300	MADHYA PRADESH
		17.272400	10968	PUNJAB

Northern Regional Power Committee

RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022

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
		45.673800	29003	UTTARAKHAND
		315.532000	200363	UTTAR PRADESH
	Total	609.606800	387100	
15	DADRI GPP:-			
		39.940500	20570	CHANDIGARH
		175.093900	90173	DELHI
		26.839500	13822	HARYANA
		185.318900	95439	JAMMU AND KASHMIR
		3.834600	1974	MADHYA PRADESH
		32.272200	16620	PUNJAB
		76.044500	39163	UTTARAKHAND
		528.955800	272412	UTTAR PRADESH
	Total	1068.299900	550173	

Northern Regional Power Committee
RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022
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	2201.0965	1096.6135	1104.4830	5501435	1648855	7150290
		RIHAND STPS	12.9234	377.3239	-364.4005	-557167	195124	-362044
		RIHAND-II STPS	93.1173	5708.6888	-5615.5715	-8563747	2900903	-5662844
		RIHAND-III STPS	21.2293	4512.3707	-4491.1414	-6763665	2266800	-4496865
		SINGRAULI STPS	138.2100	5548.7782	-5410.5682	-8040105	2843494	-5196611
		TANDA-II STPS	3848.8199	2662.7732	1186.0467	4542553	3255797	7798350
		UNCHAHAAR-II TPS	2426.6366	578.3725	1848.2641	8673905	1502505	10176410
		UNCHAHAAR-III TPS	898.7882	259.1564	639.6318	2975587	578972	3554559
		UNCHAHAAR-IV TPS	2123.4000	154.4544	1968.9456	8631862	1138927	9770789
	Total :-							22732034
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	0.0000	0	0.0000	0	0	0
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	Total :-							0
3	SJVN :-							
		NATHPA JHAKRI HEP	177.0920	446.8210	-269.7290	-318821	311956	-6865
		RAMPUR HEP	47.8146	120.6422	-72.8276	-151845	84228	-67616
	Total :-							-74481
4	THDC :-							
		KOTESHWAR	145.1092	641.1478	-496.0386	-1147833	393128	-754704
		TEHRI HEP	2777.0061	1173.6122	1603.3939	3327042	1975309	5302351
	Total :-							4547647
5	APCPL :-							
		IGSTPS-JHAJJAR	2843.0085	1244.2593	1598.7492	8254339	2043634	10297973
	Total :-							10297973

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

Northern Regional Power Committee
RRAS Settlement Account For The Week 19/09/2022 To 25/09/2022
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