



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/12108-12131

दिनांक: 09 दिसंबर, 2022

No. NRPC/Comml/234/ RRAS/2022/12108-12131

Dated: 09 December, 2022

सेवामें/To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 21 से 27 नवंबर, 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 21st to 27th November, 2022.

(सप्ताह सं. WEEK No. 35/ 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 21 से 27 नवंबर, 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 21st to 27th November, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

अधीक्षणअभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 21/11/2022 To 27/11/2022

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	1675.9550	1630704	8894293	837979	11362976
2	DADRI-II TPS	1392.0975	1939191	7318257	696050	9953498
3	IGSTPS-JHAJJAR	858.0775	1360052	4193424	429037	5982513
4	RIHAND STPS	62.1500	52455	97266	31075	180796
5	RIHAND-II STPS	111.9700	85993	174785	55986	316764
6	RIHAND-III STPS	47.5800	68658	73320	23789	165767
7	SINGRAULI STPS	18.0200	11803	27733	9010	48546
8	TANDA-II STPS	42259.9250	62079830	163334611	21129963	246544404
9	UNCHAHAR-II TPS	741.4350	812614	3443965	370716	4627295
10	UNCHAHAR-III TPS	809.2150	965395	3725624	404607	5095626
11	ANTA CRF	2804.5825	1988450	88075108	1402291	91465849
12	ANTA RF	1649.3750	1169408	22982392	824688	24976488
13	AURAIYA CRF	3661.0175	2324746	116522865	1830509	120678120
14	AURAIYA RF	1666.7925	1058414	23575113	833395	25466922
15	DADRI CRF	5393.8750	2777846	144518092	2696937	149992875
16	DADRI RF	1378.6900	710025	18546138	689345	19945508
Total						716803947

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RRAS Settlement Account For The Week 21/11/2022 To 27/11/2022

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	8972.0650	47614748	35711062
2	DADRI-II TPS	5482.4025	28820990	21615742
3	IGSTPS-JHAJJAR	8208.5000	40114939	30086204
4	UNCHAHAR-II TPS	110.2150	511949	383961
5	UNCHAHAR-III TPS	22.1850	102139	76604
Total				87873573

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RRAS Settlement Account For The Week 21/11/2022 To 27/11/2022

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 :-			
		256.0262	249114	GUJRAT
		62.6614	60970	RAJASTHAN
		1357.2674	1320620	UTTAR PRADESH
	Total	1675.9550	1630704	
2	DADRI-II TPS :-			
		11.9877	16699	BANGLADESH
		8.9230	12428	CHANDIGARH
		85.0364	118456	DELHI
		1.1598	1616	HIMACHAL PRADESH
		1.0940	1524	MADHYA PRADESH
		10.3895	14473	PG-KURUKSHETRA
		15.0280	20934	RAJASTHAN
		1258.4778	1753061	UTTAR PRADESH
	Total	1392.0962	1939191	
3	IGSTPS-JHAJJAR :-			
		9.3216	14774	CHANDIGARH
		832.2699	1319148	DELHI
		0.0176	28	MADHYA PRADESH
		16.4683	26102	UTTAR PRADESH
	Total	858.0774	1360052	
4	RIHAND STPS :-			
		4.9278	4159	BANGLADESH
		11.4595	9672	CHANDIGARH
		17.0681	14405	UTTARAKHAND
		28.6946	24219	UTTAR PRADESH
	Total	62.1500	52455	
5	RIHAND-II STPS :-			
		6.1589	4730	BANGLADESH
		32.6625	25085	CHANDIGARH
		23.9025	18357	UTTARAKHAND
		49.2461	37821	UTTAR PRADESH
	Total	111.9700	85993	

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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
6	RIHAND-III STPS :-			
		19.9950	28853	CHANDIGARH
		27.5850	39805	UTTARAKHAND
	Total	47.5800	68658	
7	SINGRAULI STPS :-			
		2.7832	1823	BANGLADESH
		0.5443	357	CHANDIGARH
		14.6925	9623	DELHI
	Total	18.0200	11803	
8	TANDA-II STPS :-			
		165.0702	242489	CHANDIGARH
		82.3166	120922	GUJRAT
		21.1951	31136	HIMACHAL PRADESH
		45.8110	67295	MADHYA PRADESH
		81.8097	120178	PUNJAB
		570.9129	838671	RAJASTHAN
		378.8408	556518	UTTARAKHAND
		40913.9635	60102621	UTTAR PRADESH
	Total	42259.9198	62079830	
9	UNCHAHAHAR-II TPS :-			
		16.2984	17862	CHANDIGARH
		9.3379	10235	DELHI
		6.6835	7326	HIMACHAL PRADESH
		10.5300	11542	HARYANA
		0.2452	269	MADHYA PRADESH
		4.6716	5120	PUNJAB
		16.3848	17958	RAJASTHAN
		16.5392	18127	UTTARAKHAND
		660.7445	724175	UTTAR PRADESH
	Total	741.4351	812614	
10	UNCHAHAHAR-III TPS :-			
		12.9903	15498	CHANDIGARH
		14.6131	17434	DELHI

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RRAS Settlement Account For The Week 21/11/2022 To 27/11/2022

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
		8.7968	10495	HIMACHAL PRADESH
		7.3229	8736	HARYANA
		0.5353	638	MADHYA PRADESH
		10.7782	12859	PUNJAB
		24.7150	29485	RAJASTHAN
		36.8901	44011	UTTARAKHAND
		692.5727	826239	UTTAR PRADESH
	Total	809.2144	965395	
11	ANTA GPP:-			
		119.067000	84419	CHANDIGARH
		551.897700	391296	DELHI
		942.290400	668083	JAMMU AND KASHMIR
		12.263800	8697	MADHYA PRADESH
		193.667700	137311	UTTARAKHAND
		1204.945800	854306	UTTAR PRADESH
	Total	3024.132400	2144112	
12	AURAIYA GPP:-			
		115.565100	73383	CHANDIGARH
		677.029100	429913	DELHI
		1111.387200	705731	JAMMU AND KASHMIR
		14.752900	9369	MADHYA PRADESH
		236.046400	149888	UTTARAKHAND
		2082.622000	1322465	UTTAR PRADESH
	Total	4237.402700	2690749	
13	DADRI GPP:-			
		135.507400	69786	CHANDIGARH
		853.919100	439768	DELHI
		1412.598600	727488	JAMMU AND KASHMIR
		18.168000	9356	MADHYA PRADESH
		258.142800	132944	UTTARAKHAND
		2383.855400	1227687	UTTAR PRADESH
	Total	5062.191300	2607029	

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RRAS Settlement Account For The Week 21/11/2022 To 27/11/2022
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	14248.7148	8130.4668	6118.2480	32163696	11189591	43353287
		RIHAND STPS	43.9817	2112.1168	-2068.1351	-3236628	1078049	-2158579
		RIHAND-II STPS	9.1815	5198.8244	-5189.6429	-8101032	2604003	-5497029
		RIHAND-III STPS	74.0925	4184.8436	-4110.7511	-6334668	2129468	-4205200
		SINGRAULI STPS	16.1264	4902.5561	-4886.4297	-7520212	2459341	-5060871
		TANDA-II STPS	1990.1767	3740.3870	-1750.2103	-6764546	2865282	-3899264
		UNCHAHAAR-II TPS	673.5168	675.0208	-1.5040	-6995	674269	667273
		UNCHAHAAR-III TPS	470.5890	522.8790	-52.2900	-240723	496734	256011
		UNCHAHAAR-IV TPS	0.0000	0	0.0000	0	0	0
	Total :-							23455628
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	119.2224	442.5612	-323.3388	-382186	280892	-101295
		RAMPUR HEP	32.1893	119.4919	-87.3026	-182024	75841	-106183
	Total :-							-207478
4	THDC :-							
		KOTESHWAR	230.7771	54.6791	176.0980	486220	142728	628948
		TEHRI HEP	500.7333	242.5615	258.1718	535705	371647	907352
	Total :-							1536300
5	APCPL :-							
		IGSTPS-JHAJJAR	1315.4220	759.5026	555.9194	2716786	1037462	3754249
	Total :-							3754249

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 21/11/2022 To 27/11/2022

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