



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ. वि. आ. से. /2022/12427-12450
No. NRPC/Comml/234/ RRAS/2022/12427-12450

दिनांक: 19 दिसंबर, 2022
Dated: 19 December, 2022

सेवामें/To,

संलग्न सूची के अनुसार
As per list enclosed

विषय: दिनांक 28 नवंबर से 04 दिसंबर, 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 28th November to 04th December, 2022.**

(सप्ताह सं. WEEK No. 36/ वि. व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवाप्रचालन विनियम) 2015 व
सम्बंधित विस्तृत क्रिया विधि के अनुसार तैयार किये गए दिनांक 28 नवंबर से 04 दिसंबर, 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 28th November to 04th December, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

अधीक्षणअभियंता/ Superintending Engineer

Northern Regional Power Committee

RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022

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	2643.6775	2572299	14029995	1321838	17924132
2	DADRI-II TPS	2601.0925	3623321	13673944	1300546	18597811
3	IGSTPS-JHAJJAR	10882.2317	17248337	53181468	5441115	75870920
4	RIHAND STPS	242.6600	204805	379763	121330	705898
5	RIHAND-II STPS	301.8725	231839	471222	150937	853998
6	RIHAND-III STPS	172.7000	249206	266131	86350	601687
7	SINGRAULI STPS	177.5100	116270	273187	88757	478214
8	TANDA-II STPS	15382.6650	22597136	59453999	7691332	89742467
9	UNCHAHAR-II TPS	2703.2350	2962745	12556527	1351618	16870890
10	UNCHAHAR-III TPS	3386.9675	4040654	15593598	1693483	21327735
11	ANTA CRF	3287.5450	2330870	103242064	1643772	107216706
12	ANTA LF	12.0000	8508	210720	6000	225228
13	ANTA RF	1991.2325	1411783	27745834	995616	30153233
14	AURAIYA CRF	3528.7125	2240732	112311862	1764357	116316951
15	AURAIYA RF	2798.5125	1777055	39582161	1399256	42758472
16	DADRI CRF	7286.7950	3752699	195235098	3643397	202631194
17	DADRI RF	1736.1300	894106	23354421	868065	25116592
Total						767392128

Northern Regional Power Committee
RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022

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	1186.7250	6297951	4723463
2	DADRI-II TPS	692.8425	3642273	2731705
3	IGSTPS-JHAJJAR	1239.2700	6056312	4542235
4	TANDA-II STPS	5.7200	22108	16581
Total				12013984

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RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022
 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 :-			
		273.6260	266238	GUJRAT
		29.7654	28962	RAJASTHAN
		2340.2861	2277099	UTTAR PRADESH
	Total	2643.6775	2572299	
2	DADRI-II TPS :-			
		10.1214	14098	CHANDIGARH
		460.4751	641442	DELHI
		0.4058	565	HIMACHAL PRADESH
		8.8190	12285	JAMMU AND KASHMIR
		3.2221	4489	MADHYA PRADESH
		9.1608	12761	PUNJAB
		5.5435	7723	PG-KURUKSHETRA
		6.9362	9663	RAJASTHAN
		2096.4098	2920295	UTTAR PRADESH
	Total	2601.0937	3623321	
3	IGSTPS-JHAJJAR :-			
		93.7829	148647	CHANDIGARH
		9448.5725	14975987	DELHI
		943.2237	1495011	HARYANA
		68.9552	109294	JAMMU AND KASHMIR
		5.4057	8568	MADHYA PRADESH
		322.2898	510830	UTTAR PRADESH
	Total	10882.2298	17248337	
4	RIHAND STPS :-			
		59.6023	50304	CHANDIGARH
		12.0418	10163	HIMACHAL PRADESH
		22.4175	18920	HARYANA
		36.2625	30606	UTTARAKHAND
		112.3359	94812	UTTAR PRADESH
	Total	242.6600	204805	
5	RIHAND-II STPS :-			
		77.9285	59849	CHANDIGARH

Northern Regional Power Committee

RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022

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
		17.8780	13730	HIMACHAL PRADESH
		58.1042	44624	HARYANA
		38.8925	29869	UTTARAKHAND
		109.0694	83767	UTTAR PRADESH
	Total	301.8726	231839	
6	RIHAND-III STPS :-			
		52.9602	76422	CHANDIGARH
		0.0057	8	DELHI
		66.9400	96595	HIMACHAL PRADESH
		39.4041	56860	HARYANA
		13.3900	19321	UTTARAKHAND
	Total	172.7000	249206	
7	SINGRAULI STPS :-			
		8.5492	5599	CHANDIGARH
		168.9608	110671	DELHI
	Total	177.5100	116270	
8	TANDA-II STPS :-			
		53.3946	78437	CHANDIGARH
		34.6575	50912	GUJRAT
		3.5250	5178	HIMACHAL PRADESH
		48.4628	71192	JAMMU AND KASHMIR
		13.3652	19634	MADHYA PRADESH
		10.5045	15432	PUNJAB
		148.5157	218170	RAJASTHAN
		158.6376	233039	UTTARAKHAND
		14911.6037	21905142	UTTAR PRADESH
	Total	15382.6666	22597136	
9	UNCHAHAR-II TPS :-			
		24.0102	26315	CHANDIGARH
		51.6184	56574	DELHI
		4.0273	4414	HIMACHAL PRADESH
		55.0766	60364	HARYANA
		20.2646	22210	JAMMU AND KASHMIR

Northern Regional Power Committee
RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022
 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
		1.9049	2087	MADHYA PRADESH
		125.5641	137618	PUNJAB
		43.3042	47462	RAJASTHAN
		93.7406	102739	UTTARAKHAND
		2283.7227	2502962	UTTAR PRADESH
	Total	2703.2336	2962745	
10	UNCHAHAR-III TPS :-			
		21.4933	25641	CHANDIGARH
		101.4868	121074	DELHI
		5.0825	6063	HIMACHAL PRADESH
		75.4751	90042	HARYANA
		23.8298	28429	JAMMU AND KASHMIR
		2.9490	3518	MADHYA PRADESH
		124.0286	147966	PUNJAB
		57.2768	68331	RAJASTHAN
		177.1294	211316	UTTARAKHAND
		2798.2164	3338274	UTTAR PRADESH
	Total	3386.9677	4040654	
11	ANTA GPP:-			
		136.491900	96774	CHANDIGARH
		632.370100	448351	DELHI
		1080.220300	765877	JAMMU AND KASHMIR
		14.059400	9969	MADHYA PRADESH
		222.019500	157412	UTTARAKHAND
		1381.323200	979359	UTTAR PRADESH
	Total	3466.484400	2457742	
12	AURAIYA GPP:-			
		129.018400	81927	CHANDIGARH
		757.975300	481314	DELHI
		1240.772600	787890	JAMMU AND KASHMIR
		16.470400	10459	MADHYA PRADESH
		263.526900	167340	UTTARAKHAND
		2325.075900	1476422	UTTAR PRADESH

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RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022

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	4732.839500	3005352	
13	DADRI GPP:-			
		177.263600	91290	CHANDIGARH
		1117.069000	575291	DELHI
		1847.915900	951675	JAMMU AND KASHMIR
		23.767300	12241	MADHYA PRADESH
		337.697100	173914	UTTARAKHAND
		3118.485500	1606020	UTTAR PRADESH
	Total	6622.198400	3410431	

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RRAS Settlement Account For The Week 28/11/2022 To 4/12/2022
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	216.8493	247.3742	-30.5249	-160474	232112	71638
		RIHAND STPS	28.2423	2064.1882	-2035.9459	-3186255	1046215	-2140040
		RIHAND-II STPS	13.5083	4684.6099	-4671.1016	-7291593	2349059	-4942534
		RIHAND-III STPS	124.6815	3830.9445	-3706.2630	-5711347	1977813	-3733534
		SINGRAULI STPS	9.3862	5294.2742	-5284.8880	-8133441	2651830	-5481611
		TANDA-II STPS	946.2660	2845.3900	-1899.1240	-7340119	1895828	-5444291
		UNCHAHAAR-II TPS	564.5718	1141.1051	-576.5333	-2678002	852838	-1825163
		UNCHAHAAR-III TPS	341.7667	969.4619	-627.6952	-2889902	655614	-2234288
		UNCHAHAAR-IV TPS	0.0000	0	0.0000	0	0	0
	Total :-							-25729823
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	27.7801	60.7006	-32.9205	-64857	44240	-20617
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	0.0000	0	0.0000	0	0	0
	Total :-							-20617
3	SJVN :-							
		NATHPA JHAKRI HEP	25.6649	358.0880	-332.4231	-392923	191876	-201046
		RAMPUR HEP	6.9296	96.6839	-89.7543	-187136	51807	-135329
	Total :-							-336375
4	THDC :-							
		KOTESHWAR	212.3800	30.9553	181.4247	500905	121668	622573
		TEHRI HEP	939.9964	208.9820	731.0144	1516856	574489	2091345
	Total :-							2713918
5	APCPL :-							
		IGSTPS-JHAJJAR	2024.4925	1797.7015	226.7910	1108336	1911097	3019433
	Total :-							3019433

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 28/11/2022 To 4/12/2022
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