



सत्यमेव जयते

भारतसरकार

Government of India

विद्युतमंत्रालय

Ministry of Power

उत्तरक्षेत्रीयविद्युतसमिति

Northern Regional Power Committee

सं. उक्षेविस/वाणिज्यिक/234/ आ.वि.आ.से./2022/11591-11614

दिनांक: 30 नवंबर, 2022

No. NRPC/Comml/234/ RRAS/2022/11591-11614

Dated: 30 November, 2022

सेवामें/To,

संलग्न सूची के अनुसार

As per list enclosed

विषय: दिनांक 14 से 20 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 14<sup>th</sup> to 20<sup>th</sup> November, 2022.**

(सप्ताह सं. WEEK No. 34/ 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 14 से 20 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 14<sup>th</sup> to 20<sup>th</sup> November, 2022.

अनुलग्नक – यथोपरि।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(संतोष कुमार)/ (Santosh Kumar)

अधीक्षणअभियंता/ Superintending Engineer

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 14/11/2022 To 20/11/2022

## 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	1413.3750	1375214	7448689	706688	9530591
2	DADRI-II TPS	1322.1075	1841694	6858491	661053	9361238
3	IGSTPS-JHAJJAR	3100.0900	4913643	15294586	1550045	21758274
4	RIHAND STPS	159.4900	134610	250132	79745	464487
5	RIHAND-II STPS	272.3675	209179	426834	136184	772197
6	RIHAND-III STPS	187.8475	271144	290827	93924	655895
7	SINGRAULI STPS	325.0800	212926	499762	162540	875228
8	TANDA-II STPS	60534.5350	88925232	243841331	30267268	363033831
9	UNCHAHAR-II TPS	1091.0225	1195760	5141867	545513	6883140
10	UNCHAHAR-III TPS	1385.2750	1698039	6552654	692637	8943330
11	ANTA CRF	2597.7950	1841837	86031536	1298897	89172270
12	ANTA RF	1320.2550	936062	18864064	660126	20460252
13	AURAIYA CRF	3065.2375	1946427	104499882	1532619	107978928
14	AURAIYA RF	849.2525	539275	12488173	424626	13452074
15	DADRI CRF	3868.0500	1992046	111488790	1934025	115414861
16	DADRI RF	988.4550	509054	13829597	494228	14832879
Total						783589475

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/11/2022 To 20/11/2022**  
FORMAT - AS7

B. Payment by the RRAS Provider(s) to the DSM Pool for the Down Regulation

<b>Sr. No.</b>	<b>RRAS Provider Name</b>	<b>Energy scheduled from VAE under RRAS (MWh)</b>	<b>Total Variable Charges for generation reduced(Rs)</b>	<b>Variable charges to be paid to the DSM Pool(Rs)</b>
1	DADRI TPS	5442.9175	28845172	21633880
2	DADRI-II TPS	3657.2775	19170614	14377961
3	IGSTPS-JHAJJAR	2763.1875	13609571	10207177
4	UNCHAHAR-II TPS	163.7100	790387	592789
5	UNCHAHAR-III TPS	62.9900	310423	232817
Total				47044624

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/11/2022 To 20/11/2022**  
 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	<b>DADRI TPS :-</b>			
		307.8867	299574	GUJRAT
		51.8552	50455	RAJASTHAN
		1053.6331	1025185	UTTAR PRADESH
	Total	1413.3750	1375214	
2	<b>DADRI-II TPS :-</b>			
		9.4946	13225	CHANDIGARH
		267.2899	372335	DELHI
		0.5726	798	HIMACHAL PRADESH
		1.3389	1865	MADHYA PRADESH
		21.8907	30494	PUNJAB
		7.6019	10590	PG-KURUKSHETRA
		44.3381	61763	RAJASTHAN
		969.5801	1350624	UTTAR PRADESH
	Total	1322.1068	1841694	
3	<b>IGSTPS-JHAJJAR :-</b>			
		25.0048	39633	CHANDIGARH
		3035.6301	4811473	DELHI
		0.2686	426	MADHYA PRADESH
		39.1867	62111	UTTAR PRADESH
	Total	3100.0902	4913643	
4	<b>RIHAND STPS :-</b>			
		66.1190	55804	BANGLADESH
		67.9723	57369	CHANDIGARH
		25.3987	21437	UTTARAKHAND
	Total	159.4900	134610	
5	<b>RIHAND-II STPS :-</b>			
		79.6932	61204	BANGLADESH
		103.6919	79637	CHANDIGARH
		35.4019	27188	DELHI
		2.0335	1562	HARYANA
		51.5470	39588	UTTARAKHAND
	Total	272.3675	209179	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/11/2022 To 20/11/2022**  
 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
6	<b>RIHAND-III STPS :-</b>			
		78.7500	113652	CHANDIGARH
		8.3675	12083	HIMACHAL PRADESH
		100.7300	145409	UTTARAKHAND
	Total	187.8475	271144	
7	<b>SINGRAULI STPS :-</b>			
		247.4057	162050	BANGLADESH
		11.5465	7564	CHANDIGARH
		66.1278	43312	DELHI
	Total	325.0800	212926	
8	<b>TANDA-II STPS :-</b>			
		228.8845	336231	CHANDIGARH
		256.2432	376422	GUJRAT
		23.7026	34819	HIMACHAL PRADESH
		52.9841	77833	MADHYA PRADESH
		148.8567	218672	PUNJAB
		482.5820	708913	RAJASTHAN
		837.5214	1230320	UTTARAKHAND
		58503.7624	85942022	UTTAR PRADESH
	Total	60534.5369	88925232	
9	<b>UNCHAHAHAR-II TPS :-</b>			
		16.5562	18146	CHANDIGARH
		16.5020	18086	DELHI
		3.7563	4117	HIMACHAL PRADESH
		107.6681	118003	HARYANA
		0.7873	862	MADHYA PRADESH
		112.8266	123660	PUNJAB
		18.4146	20182	RAJASTHAN
		68.9108	75527	UTTARAKHAND
		745.5998	817177	UTTAR PRADESH
	Total	1091.0217	1195760	
10	<b>UNCHAHAHAR-III TPS :-</b>			
		14.6513	17654	CHANDIGARH

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/11/2022 To 20/11/2022**  
 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
		35.3606	44601	DELHI
		7.9484	9482	HIMACHAL PRADESH
		123.7383	149773	HARYANA
		1.3030	1555	MADHYA PRADESH
		110.0198	137038	PUNJAB
		25.1492	30003	RAJASTHAN
		137.6620	168997	UTTARAKHAND
		929.4416	1138936	UTTAR PRADESH
	Total	1385.2742	1698039	
11	<b>ANTA GPP:-</b>			
		106.076800	75210	CHANDIGARH
		491.632500	348568	DELHI
		839.489800	595197	JAMMU AND KASHMIR
		10.925400	7746	MADHYA PRADESH
		172.539400	122331	UTTARAKHAND
		1073.489800	761106	UTTAR PRADESH
	Total	2694.153700	1910158	
12	<b>AURAIYA GPP:-</b>			
		80.963600	51412	CHANDIGARH
		476.538900	302602	DELHI
		778.628600	494428	JAMMU AND KASHMIR
		10.335700	6562	MADHYA PRADESH
		165.372400	105011	UTTARAKHAND
		1459.067300	926507	UTTAR PRADESH
	Total	2970.906500	1886522	
13	<b>DADRI GPP:-</b>			
		97.772400	50352	CHANDIGARH
		616.119200	317302	DELHI
		1019.216400	524896	JAMMU AND KASHMIR
		13.108800	6751	MADHYA PRADESH
		186.254300	95921	UTTARAKHAND
		1719.997900	885799	UTTAR PRADESH
	Total	3652.469000	1881021	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 14/11/2022 To 20/11/2022**  
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	<b>NTPC :-</b>							
		DADRI-II TPS	1063.0266	801.2652	261.7614	1371695	932146	2303841
		RIHAND STPS	0.9481	2545.4321	-2544.4840	-3992389	1273190	-2719199
		RIHAND-II STPS	63.2333	5199.7953	-5136.5620	-8033558	2631514	-5402044
		RIHAND-III STPS	68.4575	4844.1158	-4775.6583	-7378932	2456287	-4922645
		SINGRAULI STPS	11.1637	5317.0952	-5305.9315	-8113434	2664129	-5449304
		TANDA-II STPS	1582.2743	4016.5480	-2434.2737	-9777082	2799411	-6977670
		UNCHAHAAR-II TPS	619.3398	585.3999	33.9399	176246	602370	778616
		UNCHAHAAR-III TPS	671.1563	527.7150	143.4413	826574	599436	1426010
		UNCHAHAAR-IV TPS	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							-20962395
2	<b>NHPC :-</b>							
		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
	<b>Total :-</b>							0
3	<b>SJVN :-</b>							
		NATHPA JHAKRI HEP	70.7869	789.0270	-718.2401	-848958	429907	-419051
		RAMPUR HEP	19.1122	213.0366	-193.9244	-404333	116074	-288258
	<b>Total :-</b>							-707309
4	<b>THDC :-</b>							
		KOTESHWAR	345.7030	105.5094	240.1936	623682	225606	849288
		TEHRI HEP	348.9099	355.5307	-6.6208	-13736	352220	338484
	<b>Total :-</b>							1187772
5	<b>APCPL :-</b>							
		IGSTPS-JHAJJAR	948.5441	783.2466	165.2975	836937	865895	1702832
	<b>Total :-</b>							1702832

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 14/11/2022 To 20/11/2022**  
E. Payment to the FRAS Provider from the DSM Pool

<b>Sr. No.</b>	<b>FRAS Provider Name</b>	<b>Up regulation due to FRAS (MWh)</b>	<b>Down regulation due to FRAS (MWh)</b>	<b>Markup Charges as per CERC order (Rs)</b>
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
<b>Total</b>				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