



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./2022/6116-6139

दिनांक : 20 जुलाई, 2022

No. NRPC/Comml/234/ RRAS/2022/6116-6139

Dated : 20 July, 2022

सेवामें/To,

संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 27 जून से 3 जुलाई, 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 27<sup>th</sup> June to 03<sup>rd</sup> July, 2022.**

(सप्ताह सं. WEEK No. 14/ वि.व. F.Y. 2022-23)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग आनुषंगिक सेवा) प्रचालन ,विनियम ( 2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए दिनांक 27 जून से 03 जुलाई, 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 27<sup>th</sup> June to 03<sup>rd</sup> July , 2022.

अनुलग्नक – यथोपरि ।

Encl.: As above.

भवदीय

Yours faithfully,

-sd-

(सौमित्र मजूमदार)/ (Saumitra Mazumdar)

अधीक्षण अभियंता/ Superintending Engineer

## Northern Regional Power Committee

## RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022

## 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	1497.2925	1456865	6974388	748647	9179900
2	DADRI-II TPS	1196.5175	1666749	5442957	598259	7707965
3	IGSTPS-JHAJJAR	4594.8550	7420692	19468401	2297428	29186521
4	RIHAND STPS	1003.7825	847192	1424367	501892	2773451
5	RIHAND-II STPS	1256.9075	965305	1779780	628454	3373539
6	RIHAND-III STPS	1035.2675	1493891	1446268	517634	3457793
7	SINGRAULI STPS	722.6625	473345	1057979	361332	1892656
8	TANDA-II STPS	2619.2625	3847696	8892395	1309630	14049721
9	UNCHAHAAR-I TPS	1146.4275	1239289	4706085	573215	6518589
10	UNCHAHAAR-II TPS	1795.3150	1967665	7436193	897658	10301516
11	UNCHAHAAR-III TPS	1050.7625	1415377	4313380	525382	6254139
12	UNCHAHAAR-IV TPS	2859.3550	4732232	11062843	1429677	17224752
13	ANTA LF	619.4000	439155	12671066	309700	13419921
14	AURAIYA LF	1263.0525	802038	33522676	631526	34956240
15	AURAIYA RF	386.7300	245574	5278091	193364	5717029
16	DADRI CRF	4231.6800	2441679	83127123	2115840	87684642
17	DADRI LF	8660.7350	4997244	206454601	4330367	215782212
18	DADRI RF	5555.8325	3205715	72242489	2777917	78226121
Total						547706707

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**

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	2621.6025	12211424	9158568
2	DADRI-II TPS	2072.3800	9427257	7070443
3	IGSTPS-JHAJJAR	1161.6825	4922049	3691536
4	RIHAND STPS	34.6575	49179	36885
5	RIHAND-II STPS	144.4400	204527	153395
6	RIHAND-III STPS	31.8450	44487	33366
7	SINGRAULI STPS	36.8175	53901	40426
8	TANDA-II STPS	365.7700	1241790	931342
9	UNCHAHAR-I TPS	15.7950	64838	48628
10	DADRI LF	62.1975	1482664	1111998
11	DADRI RF	15.0000	195045	146284
<b>Total</b>				<b>22422871</b>

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**  
 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>			
		1061.1460	1032495	GUJRAT
		133.2019	129605	RAJASTHAN
		302.9447	294765	UTTAR PRADESH
	Total	1497.2926	1456865	
2	<b>DADRI-II TPS :-</b>			
		7.9130	11023	CHANDIGARH
		229.4079	319565	DELHI
		258.5526	360165	HARYANA
		7.5540	10523	JAMMU AND KASHMIR
		2.3698	3301	MADHYA PRADESH
		44.7508	62338	PUNJAB
		2.3784	3313	PG-BHIWADI
		5.0910	7091	PG-KURUKSHETRA
		155.4502	216542	RAJASTHAN
		2.7762	3868	UTTARAKHAND
		480.2736	669020	UTTAR PRADESH
	Total	1196.5175	1666749	
3	<b>IGSTPS-JHAJJAR :-</b>			
		114.8573	185494	CHANDIGARH
		2177.4417	3516607	DELHI
		1632.0226	2635716	HARYANA
		578.1586	933726	JAMMU AND KASHMIR
		1.7832	2880	MADHYA PRADESH
		15.3137	24732	PUNJAB
		61.8517	99891	UTTARAKHAND
		13.4030	21646	UTTAR PRADESH
	Total	4594.8318	7420692	
4	<b>RIHAND STPS :-</b>			
		88.1775	74422	CHANDIGARH
		39.6434	33459	DELHI
		118.5467	100053	HARYANA
		353.3078	298192	JAMMU AND KASHMIR

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**  
 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
		259.7175	219203	PUNJAB
		33.1067	27942	RAJASTHAN
		39.9800	33742	UTTARAKHAND
		71.3024	60179	UTTAR PRADESH
	Total	1003.7820	847192	
5	<b>RIHAND-II STPS :-</b>			
		91.9952	70652	CHANDIGARH
		25.6393	19691	DELHI
		121.2892	93150	HARYANA
		509.6007	391373	JAMMU AND KASHMIR
		274.6643	210942	PUNJAB
		81.4838	62580	RAJASTHAN
		152.2352	116917	UTTAR PRADESH
	Total	1256.9077	965305	
6	<b>RIHAND-III STPS :-</b>			
		58.5367	84469	CHANDIGARH
		44.7150	64524	DELHI
		118.4734	170957	HARYANA
		341.4841	492761	JAMMU AND KASHMIR
		227.6577	328510	PUNJAB
		87.7082	126563	RAJASTHAN
		156.6924	226107	UTTAR PRADESH
	Total	1035.2675	1493891	
7	<b>SINGRAULI STPS :-</b>			
		44.3777	29067	CHANDIGARH
		21.8734	14328	DELHI
		237.5778	155614	HARYANA
		15.6852	10274	JAMMU AND KASHMIR
		340.9536	223324	PUNJAB
		62.1948	40738	UTTAR PRADESH
	Total	722.6625	473345	
8	<b>TANDA-II STPS :-</b>			
		65.2272	95819	CHANDIGARH

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**  
 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
		54.7870	80482	GUJRAT
		791.6175	1162886	JAMMU AND KASHMIR
		5.8582	8605	MADHYA PRADESH
		5.5012	8081	PUNJAB
		352.1719	517340	RAJASTHAN
		169.8008	249437	UTTARAKHAND
		1174.2981	1725046	UTTAR PRADESH
	Total	2619.2619	3847696	
9	<b>UNCHAHAHAR-I TPS :-</b>			
		19.3776	20947	CHANDIGARH
		62.4078	67462	DELHI
		128.1300	138508	GUJRAT
		54.0817	58462	HARYANA
		46.1981	49940	JAMMU AND KASHMIR
		0.3991	431	MADHYA PRADESH
		0.5860	633	PUNJAB
		22.1505	23944	RAJASTHAN
		260.3621	281451	UTTARAKHAND
		552.7345	597511	UTTAR PRADESH
	Total	1146.4274	1239289	
10	<b>UNCHAHAHAR-II TPS :-</b>			
		28.6657	31418	CHANDIGARH
		97.4074	106758	DELHI
		108.7213	119159	HARYANA
		35.3280	38720	JAMMU AND KASHMIR
		0.3807	418	MADHYA PRADESH
		63.7013	69817	PUNJAB
		114.7043	125716	RAJASTHAN
		83.4293	91438	UTTARAKHAND
		1262.9768	1384221	UTTAR PRADESH
	Total	1795.3148	1967665	
11	<b>UNCHAHAHAR-III TPS :-</b>			
		12.5853	16953	CHANDIGARH

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**  
 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
		65.5192	88254	DELHI
		63.1248	85030	HARYANA
		19.8996	26805	JAMMU AND KASHMIR
		0.2065	278	MADHYA PRADESH
		22.5617	30391	PUNJAB
		77.4647	104345	RAJASTHAN
		88.8188	119639	UTTARAKHAND
		700.5828	943682	UTTAR PRADESH
	Total	1050.7634	1415377	
12	<b>UNCHAHAHAR-IV TPS :-</b>			
		54.4854	90173	CHANDIGARH
		206.2516	341346	HARYANA
		477.6717	790547	JAMMU AND KASHMIR
		2.9535	4888	MADHYA PRADESH
		5.0676	8387	PUNJAB
		411.5005	681033	RAJASTHAN
		159.0357	263205	UTTARAKHAND
		1542.3895	2552653	UTTAR PRADESH
	Total	2859.3555	4732232	
13	<b>ANTA GPP:-</b>			
		19.297000	13682	CHANDIGARH
		29.242600	20733	DELHI
		10.448900	7408	HARYANA
		74.493300	52816	JAMMU AND KASHMIR
		1.538400	1091	MADHYA PRADESH
		12.500500	8863	PUNJAB
		32.631400	23136	UTTARAKHAND
		161.230500	114312	UTTAR PRADESH
	Total	341.382600	242041	
14	<b>AURAIYA GPP:-</b>			
		44.597300	28319	CHANDIGARH
		105.401200	66930	DELHI
		28.221800	17921	HARYANA

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**

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
		196.855200	125003	JAMMU AND KASHMIR
		4.006100	2545	MADHYA PRADESH
		33.796600	21462	PUNJAB
		89.369400	56750	UTTARAKHAND
		617.393700	392045	UTTAR PRADESH
	Total	1119.641300	710975	
15	<b>DADRI GPP:-</b>			
		458.995800	264841	CHANDIGARH
		1555.197100	897348	DELHI
		308.965700	178273	HARYANA
		2133.331200	1230933	JAMMU AND KASHMIR
		44.135400	25465	MADHYA PRADESH
		371.492100	214351	PUNJAB
		875.399400	505104	UTTARAKHAND
		5174.912000	2985925	UTTAR PRADESH
	Total	10922.428700	6302240	



Northern Regional Power Committee  
**RRAS Settlement Account For The Week 27/06/2022 To 3/07/2022**  
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	318.1234	116.8539	201.2695	915579	217489	1133067
		RIHAND STPS	33.6882	2558.0376	-2524.3494	-3582052	1295863	-2286189
		RIHAND-II STPS	35.3350	5504.2651	-5468.9301	-7744010	2769800	-4974210
		RIHAND-III STPS	8.4764	3060.2187	-3051.7423	-4263285	1534348	-2728937
		SINGRAULI STPS	95.3215	4958.6640	-4863.3425	-7119930	2526993	-4592938
		TANDA-II STPS	416.4027	3090.7570	-2674.3543	-9079530	1753580	-7325950
		UNCHAHAAR-II TPS	1099.8274	1108.0323	-8.2049	-33978	1103930	1069951
		UNCHAHAAR-III TPS	241.1028	722.2088	-481.1060	-1974909	481656	-1493253
		UNCHAHAAR-IV TPS	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							-21198459
2	<b>NHPC :-</b>							
		BAIRASIUL HEP	17.5680	90.0935	-72.5255	-81226	53831	-27395
		CHAMERA HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-II HEP	0.0000	0	0.0000	0	0	0
		CHAMERA-III HEP	43.2176	236.7065	-193.4889	-381167	139962	-241205
		DHAULIGANGA HEP	0.0000	0	0.0000	0	0	0
		DULHASTI HEP	1.3873	0	1.3873	3170	694	3864
	<b>Total :-</b>							-264736
3	<b>SJVN :-</b>							
		NATHPA JHAKRI HEP	0.0000	0	0.0000	0	0	0
		RAMPUR HEP	0.0000	0	0.0000	0	0	0
	<b>Total :-</b>							0
4	<b>THDC :-</b>							
		KOTESHWAR	200.2290	38.7383	161.4907	373687	119484	493171
		TEHRI HEP	34.5917	57.8103	-23.2186	-48176	46201	-1975
	<b>Total :-</b>							491196
5	<b>APCPL :-</b>							
		IGSTPS-JHAJJAR	1932.1154	2951.1084	-1018.9930	-4317471	2441612	-1875859
	<b>Total :-</b>							-1875859

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 27/06/2022 To 3/07/2022**  
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