



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./2019/12732-12755  
No. NRPC/Comm/234/ RRAS/2019/

दिनांक : 17 अक्टूबर, 2019  
Dated : 17<sup>th</sup> October, 2019

सेवामें/To,  
संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 23 से 29 सितम्बर, 2019 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 23<sup>rd</sup> to 29<sup>th</sup> September, 2019.**  
(सप्ताह सं. WEEK No. 26/ वि.व. F.Y. 2019-20)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवा प्रचालन) विनियम, 2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए 23 से 29 सितम्बर, 2019 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.जी.सी. 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 week 23<sup>rd</sup> to 29<sup>th</sup> September, 2019.

अनुलग्नक – यथोपरि।  
Encl.: As above.

भवदीय  
Yours faithfully,

(आर.पी.प्रधान)  
(R.P.Pradhan)

अधीक्षण अभियंता  
Superintending Engineer

## Northern Regional Power Committee

**RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019**

## FORMAT - AS7

## A. Payment to the RRAS Provider(s) from the DSM Pool for Up Regulation

<b>Sr. No.</b>	<b>RRAS Provider Name</b>	<b>Energy scheduled to VAE under RRAS (MWh)</b>	<b>Fixed Charges (Rs)</b>	<b>Variable Charges (Rs)</b>	<b>Markup as per CERC Order (Rs)</b>	<b>Total Charges (Rs)</b>
1	DADRI TPS	1585.6525	1560282	6680353	792826	9033461
2	DADRI-II TPS	623.6725	906818	2449162	311836	3667816
3	RIHAND STPS	1864.9975	1600169	2461796	932499	4994464
4	RIHAND-II STPS	998.9200	713229	1316577	499459	2529265
5	RIHAND-III STPS	1429.1400	2086544	1855024	714570	4656138
6	SINGRAULI STPS	1525.7000	1002385	2045963	762849	3811197
7	UNCHAHAHAR-I TPS	518.0300	566207	1782023	259015	2607245
8	UNCHAHAHAR-II TPS	819.5650	835137	2844710	409782	4089629
9	UNCHAHAHAR-III TPS	243.7225	331706	838405	121862	1291973
10	UNCHAHAHAR-IV TPS	1126.8650	1729737	3653296	563432	5946465
11	ANTA GF	12.3800	8876	41634	6190	56700
12	ANTA RF	2515.7200	1803772	21471670	1257860	24533302
13	AURAIYA GF	409.9675	263200	1502942	204984	1971126
14	AURAIYA RF	553.6600	355450	4795249	276830	5427529
15	DADRI GF	25.9550	15106	88896	12978	116980
16	DADRI RF	3785.6025	2203221	31227435	1892801	35323457
<b>Total</b>						110056747

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019**  
 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	13.5600	57128	42846
2	DADRI-II TPS	1030.0550	4045026	3033770
3	RIHAND-II STPS	154.3375	203417	152563
4	SINGRAULI STPS	247.1525	331432	248574
5	UNCHAHAR-I TPS	8.9650	30840	23130
6	UNCHAHAR-II TPS	135.9550	471900	353925
7	UNCHAHAR-III TPS	27.1300	93327	69995
8	UNCHAHAR-IV TPS	5.8625	19006	14254
9	AURAIYA GF	113.1850	414936	311202
10	DADRI GF	19.1200	65486	49114
Total				4299373

## RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019

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>			
		1211.0710	1191693	DELHI
		374.5815	368589	UTTAR PRADESH
	Total	1585.6525	1560282	
2	<b>DADRI-II TPS :-</b>			
		0.7889	1146	CHANDIGARH
		95.6248	139038	DELHI
		2.5924	3770	HIMACHAL PRADESH
		0.0747	109	JAMMU AND KASHMIR
		6.0193	8753	MADHYA PRADESH
		13.0414	18962	PUNJAB
		5.0417	7330	PG-KURUKSHETRA
		184.7057	268562	RAJASTHAN
		1.0445	1519	UTTARAKHAND
		314.7400	457629	UTTAR PRADESH
	Total	623.6734	906818	
3	<b>RIHAND STPS :-</b>			
		58.6808	50349	CHANDIGARH
		3.9134	3358	DELHI
		122.4450	105059	HIMACHAL PRADESH
		54.5500	46804	HARYANA
		63.3946	54392	JAMMU AND KASHMIR
		466.2929	400079	PUNJAB
		15.0771	12936	RAJASTHAN
		193.0991	165679	UTTARAKHAND
		887.5436	761513	UTTAR PRADESH
	Total	1864.9965	1600169	
4	<b>RIHAND-II STPS :-</b>			
		30.7687	21969	CHANDIGARH
		1.4903	1064	DELHI
		84.3932	60256	HIMACHAL PRADESH
		48.1006	34343	HARYANA
		40.6720	29040	JAMMU AND KASHMIR

## RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019

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## 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
		292.0939	208555	PUNJAB
		15.4030	10998	RAJASTHAN
		101.9628	72801	UTTARAKHAND
		384.0361	274203	UTTAR PRADESH
	Total	998.9206	713229	
5	<b>RIHAND-III STPS :-</b>			
		25.3522	37014	CHANDIGARH
		8.8015	12850	DELHI
		212.4592	310190	HIMACHAL PRADESH
		48.1796	70342	HARYANA
		37.1086	54179	JAMMU AND KASHMIR
		322.6363	471049	PUNJAB
		267.3463	390327	UTTARAKHAND
		507.2560	740593	UTTAR PRADESH
	Total	1429.1397	2086544	
6	<b>SINGRAULI STPS :-</b>			
		0.6253	410	CHANDIGARH
		29.8314	19600	DELHI
		5.6852	3735	HIMACHAL PRADESH
		33.6545	22111	HARYANA
		0.2644	174	JAMMU AND KASHMIR
		3.7449	2460	MADHYA PRADESH
		360.0487	236552	PUNJAB
		26.8522	17642	RAJASTHAN
		93.0919	61161	UTTARAKHAND
		971.9013	638540	UTTAR PRADESH
	Total	1525.6998	1002385	
7	<b>UNCHAHAHAR-I TPS :-</b>			
		4.2416	4636	CHANDIGARH
		20.0748	21942	DELHI
		1.7426	1905	HIMACHAL PRADESH
		23.1994	25356	HARYANA
		0.0002	0	JAMMU AND KASHMIR

## RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019

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## 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
		1.3124	1434	MADHYA PRADESH
		82.9851	90703	PUNJAB
		55.6835	60862	RAJASTHAN
		71.0611	77670	UTTARAKHAND
		257.7282	281699	UTTAR PRADESH
	Total	518.0289	566207	
8	<b>UNCHAHAAR-II TPS :-</b>			
		5.9567	6069	CHANDIGARH
		54.0626	55089	DELHI
		9.4524	9631	HIMACHAL PRADESH
		58.4619	59572	HARYANA
		0.9814	1000	JAMMU AND KASHMIR
		3.7472	3818	MADHYA PRADESH
		168.2329	171429	PUNJAB
		207.8019	211754	RAJASTHAN
		39.2078	39953	UTTARAKHAND
		271.6613	276822	UTTAR PRADESH
	Total	819.5661	835137	
9	<b>UNCHAHAAR-III TPS :-</b>			
		1.1939	1626	CHANDIGARH
		20.5891	28023	DELHI
		3.7025	5039	HIMACHAL PRADESH
		19.3732	26367	HARYANA
		0.9371	1275	JAMMU AND KASHMIR
		1.2589	1713	MADHYA PRADESH
		30.8431	41976	PUNJAB
		67.2213	91487	RAJASTHAN
		29.1923	39731	UTTARAKHAND
		69.4112	94469	UTTAR PRADESH
	Total	243.7226	331706	
10	<b>UNCHAHAAR-IV TPS :-</b>			
		13.2988	20412	CHANDIGARH
		1.8323	2813	HIMACHAL PRADESH

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**RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019**  
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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
		120.7990	185426	HARYANA
		2.8964	4446	JAMMU AND KASHMIR
		7.4437	11426	MADHYA PRADESH
		0.8257	1268	PUNJAB
		350.2171	537583	RAJASTHAN
		92.3236	141716	UTTARAKHAND
		537.2286	824647	UTTAR PRADESH
	Total	1126.8652	1729737	
11	<b>ANTA GPP:-</b>			
		75.653700	54244	CHANDIGARH
		264.888500	189925	DELHI
		90.581600	64947	HIMACHAL PRADESH
		144.978900	103950	HARYANA
		271.472700	194646	JAMMU AND KASHMIR
		6.297300	4514	MADHYA PRADESH
		295.778900	212073	PUNJAB
		501.231800	359383	RAJASTHAN
		151.305600	108487	UTTARAKHAND
		725.911600	520479	UTTAR PRADESH
	Total	2528.100600	1812648	
12	<b>AURAIYA GPP:-</b>			
		24.061600	15449	CHANDIGARH
		89.445500	57423	DELHI
		32.846400	21087	HIMACHAL PRADESH
		61.243400	39318	HARYANA
		65.077500	41780	JAMMU AND KASHMIR
		1.903200	1221	MADHYA PRADESH
		130.401900	83718	PUNJAB
		90.367000	58014	RAJASTHAN
		62.597200	40187	UTTARAKHAND
		405.684000	260453	UTTAR PRADESH
	Total	963.627700	618650	
13	<b>DADRI GPP:-</b>			

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**RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019**  
 FORMAT - AS7

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries

<b>Sr. No.</b>	<b>RRAS Provider Name</b>	<b>Energy scheduled to VAE under RRAS (MWh)</b>	<b>Fixed Charges to be refunded (Rs)</b>	<b>To Beneficiary Name</b>
		95.876500	55800	CHANDIGARH
		425.561600	247677	DELHI
		117.311900	68275	HIMACHAL PRADESH
		192.532700	112054	HARYANA
		414.484300	241230	JAMMU AND KASHMIR
		9.689400	5638	MADHYA PRADESH
		619.689300	360659	PUNJAB
		2.077300	1209	PG-DADRI(G)
		361.680700	210499	RAJASTHAN
		141.522600	82366	UTTARAKHAND
		1431.131900	832920	UTTAR PRADESH
	Total	3811.558200	2218327	



Northern Regional Power Committee  
**RRAS Settlement Account For The Week 23/09/2019 To 29/09/2019**

D. Payment to the AGC Provider from the DSM Pool

<b>Sr. No.</b>	<b>AGC Provider Name</b>	<b>Up regulation due to AGC (MWh)</b>	<b>Down regulation due to AGC (MWh)</b>	<b>Net Energy (MWh)</b>	<b>Variable charges (Rs)</b>	<b>Markup Charges as per CERC order (Rs)</b>	<b>Total Charges (Rs)</b>
1	DADRI-II TPS	632.131605	91.340930	540.790675	2123718	361735	2485453

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 23/09/2019 To 29/09/2019**  
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	0.000000	0	0
2	CHAMERA-II HEP	0.000000	0	0
3	CHAMERA-III HEP	0.000000	0	0
4	DEHAR HEP	0.000000	0	0
5	DULHASTI HEP	0.000000	0	0
6	KOLDAM HEP	0.000000	0	0
7	KOTESHWAR	0.000000	0	0
8	NATHPA JHAKRI HEP	0.000000	0	0
9	PONG HEP	0.000000	0	0
10	PARBATI-III	0.000000	0	0
11	RAMPUR HEP	0.000000	0	0
12	SEWA-II HEP	0.000000	0	0
13	TEHRI HEP	0.000000	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