



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./2019/15072-15095  
No. NRPC/Comml/234/RRAS/2019/

दिनांक: 13 दिसम्बर, 2019  
Dated: 13<sup>th</sup> December, 2019

सेवामें/To,

संलग्न सूची के अनुसार  
As per list enclosed

विषय: दिनांक 25 नवम्बर से 01 दिसम्बर, 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  
25<sup>th</sup> November to 01<sup>st</sup> December, 2019.**  
(सप्ताह सं. WEEK No. 35/ वि.व.फ.य. 2019-20)

महोदय/Sir,

केंद्रीय विद्युत विनियामक आयोग (आनुषंगिक सेवा प्रचालन) विनियम, 2015 व सम्बंधित विस्तृत क्रियाविधि के अनुसार तैयार किये गए दिनांक 25 नवम्बर से 01 दिसम्बर, 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 25<sup>th</sup> November to 01<sup>st</sup> December, 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 25/11/2019 To 1/12/2019**

## 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	491.7650	483896	2159340	245882	2889118
2	DADRI-II TPS	1656.3350	2408310	6805881	828167	10042358
3	IGSTPS-JHAJJAR	4538.1825	7410852	16691436	2269091	26371379
4	RIHAND STPS	501.5950	430368	676149	250797	1357314
5	RIHAND-II STPS	981.3875	700710	1319967	490694	2511371
6	RIHAND-III STPS	1084.1250	1582822	1439717	542063	3564602
7	SINGRAULI STPS	1426.0700	936928	1966550	713035	3616513
8	TANDA-II STPS	6397.2000	12877564	14943859	3198598	31020021
9	UNCHAHAR-I TPS	1909.3000	2086864	6522170	954649	9563683
10	UNCHAHAR-II TPS	1721.9475	1754666	5933830	860974	8549470
11	UNCHAHAR-III TPS	902.2775	1228000	3082181	451140	4761321
12	UNCHAHAR-IV TPS	2697.1275	4140091	8684750	1348564	14173405
13	ANTA GF	10.0000	7170	30580	5000	42750
14	ANTA RF	560.7025	402024	4460388	280351	5142763
15	AURAIYA RF	520.2200	333981	4142512	260110	4736603
16	DADRI RF	1040.1550	605370	8024796	520078	9150244
<b>Total</b>						137492915

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**  
 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	IGSTPS-JHAJJAR	79.3400	291813	218860
2	RIHAND STPS	58.5925	78983	59237
3	RIHAND-II STPS	154.3375	207584	155688
4	RIHAND-III STPS	138.5975	184057	138043
5	SINGRAULI STPS	107.4900	148228	111171
6	TANDA-II STPS	59.5000	138992	104244
Total				787243

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**  
 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>			
		405.7929	399299	DELHI
		85.9723	84597	UTTAR PRADESH
	Total	491.7652	483896	
2	<b>DADRI-II TPS :-</b>			
		3.5628	5181	CHANDIGARH
		766.6655	1114730	DELHI
		0.8430	1226	HIMACHAL PRADESH
		12.0065	17458	JAMMU AND KASHMIR
		9.8968	14389	MADHYA PRADESH
		20.6536	30029	PUNJAB
		1.4827	2155	PG-BHIWADI
		11.6560	16950	PG-KURUKSHETRA
		352.0362	511860	RAJASTHAN
		5.5081	8009	UTTARAKHAND
		472.0242	686323	UTTAR PRADESH
	Total	1656.3354	2408310	
3	<b>IGSTPS-JHAJJAR :-</b>			
		44.5181	72699	CHANDIGARH
		4042.3406	6601143	DELHI
		290.2003	473897	JAMMU AND KASHMIR
		11.3903	18600	MADHYA PRADESH
		71.9945	117567	UTTARAKHAND
		77.7385	126946	UTTAR PRADESH
	Total	4538.1823	7410852	
4	<b>RIHAND STPS :-</b>			
		26.0285	22332	CHANDIGARH
		4.2302	3629	DELHI
		31.9940	27451	HIMACHAL PRADESH
		22.0079	18883	HARYANA
		133.3853	114447	JAMMU AND KASHMIR
		1.2175	1045	MADHYA PRADESH
		87.2093	74824	RAJASTHAN

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**  
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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
		83.5605	71695	UTTARAKHAND
		111.9610	96062	UTTAR PRADESH
	Total	501.5942	430368	
5	<b>RIHAND-II STPS :-</b>			
		17.9889	12844	CHANDIGARH
		4.1819	2986	DELHI
		23.4685	16757	HIMACHAL PRADESH
		43.7491	31237	HARYANA
		380.0166	271331	JAMMU AND KASHMIR
		1.8991	1356	MADHYA PRADESH
		162.1964	115808	RAJASTHAN
		198.7380	141898	UTTARAKHAND
		149.1488	106493	UTTAR PRADESH
	Total	981.3873	700710	
6	<b>RIHAND-III STPS :-</b>			
		33.1764	48438	CHANDIGARH
		1.7801	2599	DELHI
		124.7951	182201	HIMACHAL PRADESH
		39.7056	57970	HARYANA
		418.6690	611258	JAMMU AND KASHMIR
		2.1612	3155	MADHYA PRADESH
		185.4880	270812	RAJASTHAN
		261.3023	381500	UTTARAKHAND
		17.0472	24889	UTTAR PRADESH
	Total	1084.1249	1582822	
7	<b>SINGRAULI STPS :-</b>			
		4.8125	3162	CHANDIGARH
		6.5777	4322	DELHI
		0.3796	250	HIMACHAL PRADESH
		96.2065	63208	HARYANA
		26.4779	17396	JAMMU AND KASHMIR
		7.3353	4819	MADHYA PRADESH
		257.0648	168891	RAJASTHAN

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**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**  
 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
		158.3852	104059	UTTARAKHAND
		868.8302	570821	UTTAR PRADESH
	Total	1426.0697	936928	
8	<b>TANDA-II STPS :-</b>			
		42.0363	84619	CHANDIGARH
		4.8493	9761	HIMACHAL PRADESH
		496.5443	999545	HARYANA
		257.3218	517988	JAMMU AND KASHMIR
		1.3493	2716	MADHYA PRADESH
		7.3675	14831	PUNJAB
		479.8933	966025	RAJASTHAN
		82.4482	165970	UTTARAKHAND
		5025.3880	10116109	UTTAR PRADESH
	Total	6397.1980	12877564	
9	<b>UNCHAHAAR-I TPS :-</b>			
		12.0763	13200	CHANDIGARH
		47.5111	51929	DELHI
		3.5107	3838	HIMACHAL PRADESH
		46.5073	50834	HARYANA
		36.1686	39532	JAMMU AND KASHMIR
		2.2725	2484	MADHYA PRADESH
		120.1510	131325	PUNJAB
		201.1508	219858	RAJASTHAN
		182.4883	199460	UTTARAKHAND
		1257.4630	1374404	UTTAR PRADESH
	Total	1909.2996	2086864	
10	<b>UNCHAHAAR-II TPS :-</b>			
		19.8046	20182	CHANDIGARH
		99.8473	101744	DELHI
		6.1554	6273	HIMACHAL PRADESH
		97.4609	99312	HARYANA
		78.6885	80183	JAMMU AND KASHMIR
		6.8703	7000	MADHYA PRADESH

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**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**  
 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
		174.2878	177601	PUNJAB
		421.0299	429030	RAJASTHAN
		72.5361	73914	UTTARAKHAND
		745.2671	759427	UTTAR PRADESH
	Total	1721.9479	1754666	
11	<b>UNCHAHAHAR-III TPS :-</b>			
		6.8061	9263	CHANDIGARH
		51.9986	70770	DELHI
		7.1456	9724	HIMACHAL PRADESH
		54.0314	73536	HARYANA
		39.5270	53797	JAMMU AND KASHMIR
		3.4373	4678	MADHYA PRADESH
		53.4035	72683	PUNJAB
		236.4906	321864	RAJASTHAN
		70.3298	95720	UTTARAKHAND
		379.1062	515965	UTTAR PRADESH
	Total	902.2761	1228000	
12	<b>UNCHAHAHAR-IV TPS :-</b>			
		26.2315	40265	CHANDIGARH
		0.9803	1505	HIMACHAL PRADESH
		194.2880	298231	HARYANA
		209.7975	322039	JAMMU AND KASHMIR
		10.6114	16288	MADHYA PRADESH
		10.7522	16505	PUNJAB
		696.4935	1069117	RAJASTHAN
		165.4940	254033	UTTARAKHAND
		1382.4794	2122108	UTTAR PRADESH
	Total	2697.1278	4140091	
13	<b>ANTA GPP:-</b>			
		13.176500	9448	CHANDIGARH
		59.748000	42840	DELHI
		20.073100	14392	HIMACHAL PRADESH
		32.913100	23599	HARYANA

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**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**  
 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
		95.039000	68143	JAMMU AND KASHMIR
		1.493700	1071	MADHYA PRADESH
		67.147500	48145	PUNJAB
		113.788600	81587	RAJASTHAN
		31.362400	22487	UTTARAKHAND
		135.960700	97482	UTTAR PRADESH
	Total	570.702600	409194	
14	<b>AURAIYA GPP:-</b>			
		9.884300	6346	CHANDIGARH
		56.496000	36270	DELHI
		17.271400	11088	HIMACHAL PRADESH
		30.589000	19638	HARYANA
		86.356600	55441	JAMMU AND KASHMIR
		1.300400	835	MADHYA PRADESH
		65.131700	41815	PUNJAB
		47.860300	30726	RAJASTHAN
		28.612100	18369	UTTARAKHAND
		176.718800	113453	UTTAR PRADESH
	Total	520.220600	333981	
15	<b>DADRI GPP:-</b>			
		18.722900	10897	CHANDIGARH
		114.001100	66349	DELHI
		31.308800	18222	HIMACHAL PRADESH
		51.383800	29905	HARYANA
		177.346500	103216	JAMMU AND KASHMIR
		2.704400	1574	MADHYA PRADESH
		165.384600	96254	PUNJAB
		1.040200	605	PG-DADRI(G)
		96.526400	56178	RAJASTHAN
		53.359800	31055	UTTARAKHAND
		328.376800	191115	UTTAR PRADESH
	Total	1040.155300	605370	

Northern Regional Power Committee  
**RRAS Settlement Account For The Week 25/11/2019 To 1/12/2019**

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	2335.051595	61.776162	2273.275433	9340880	1198403	10539283

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 25/11/2019 To 1/12/2019**  
 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	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