

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Govt. of India Enterprise)



पंजीकृत एवं केंद्रीय कार्यालय: बी-09, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016
Registered & Corporate Office: B – 9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016
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संदर्भ संख्या: पोसोको/एनएलडीसी/2020/

दिनांक: 23rd अक्टूबर, 2020

सेवा मे,

वितरण सूची के अनुसार

विषय: सितंबर 2020 माह के लिए आर आर ए एस प्रकीर्या की मासिक रिपोर्ट।

महोदय,

अनुषंगी सेवाओं के परिचालन हेतु अनुमोदित विस्तृत प्रक्रिया के प्रावधान के अनुसार, आर आर ए एस प्रक्रिया के विभिन्न परिचालन पहलुओं से संबन्धित सितंबर 2020 माह की रिपोर्ट।

सादर धन्यवाद,

भवदीय

(जी चक्रवर्ती)

मुख्य महाप्रबंधक/ रा. भा. प्रे. के

वितरण सूची

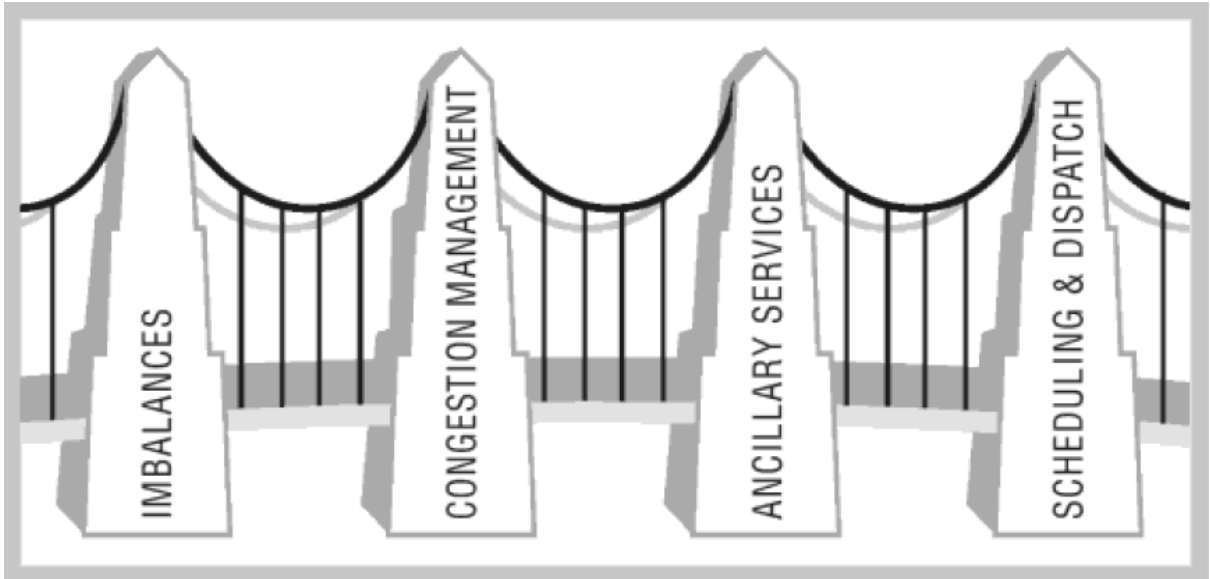
Distribution List

- 1 सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली-110001
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- 2 मुख्य अभियंता (जी एम), के.वि.प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
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Member Secretary, SRPC, 29, Race Course Cross Road, Bangalore-560009
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- 11 वरिष्ठ महाप्रबंधक, उ.क्षे.भा.प्रे.के, 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Chief General Manager, NRLDC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 12 कार्यपालक निदेशक, द. क्षे. भा. प्रे. के, 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
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पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

POWER SYSTEM OPERATION CORPORATION LTD
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



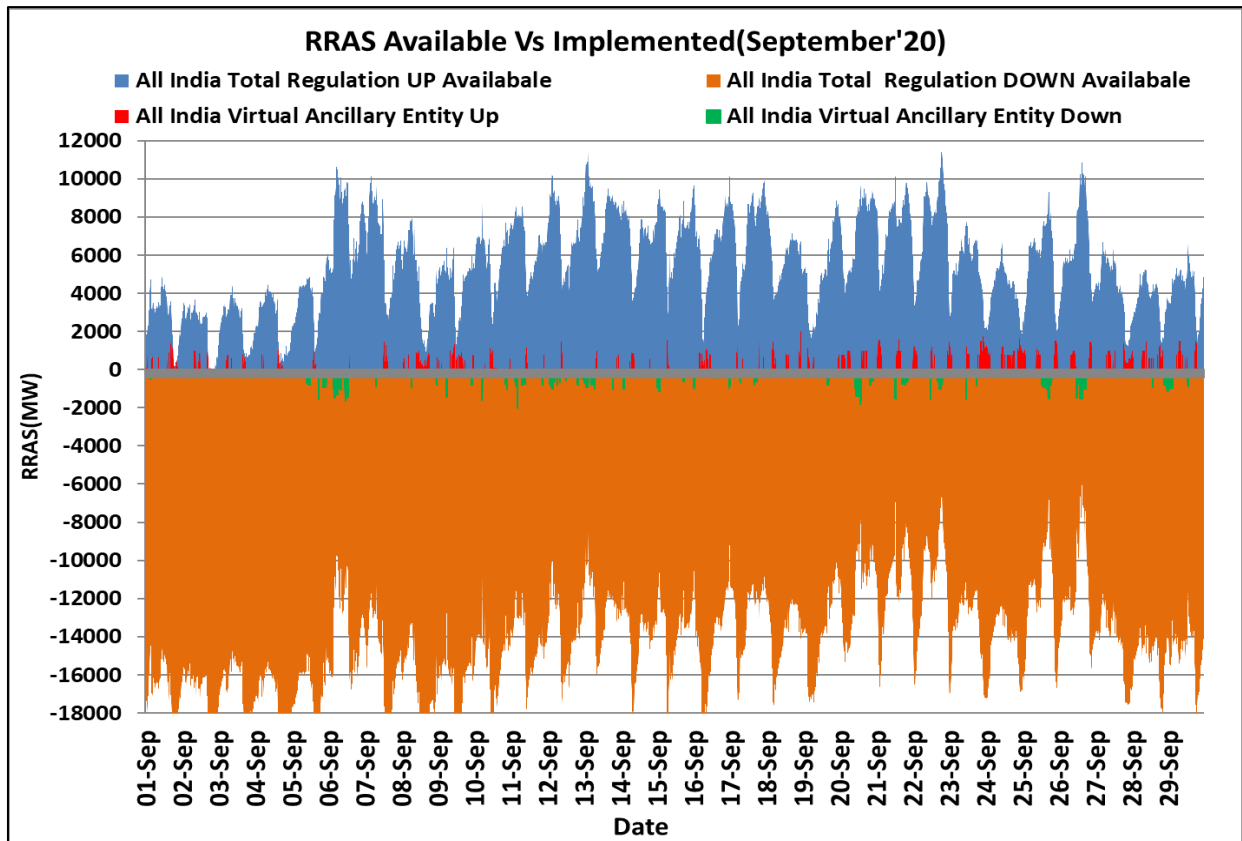
आर.आर.ए.एस प्रक्रिया की
सितंबर-2020 माह के लिए कार्यान्वयन रिपोर्ट

IMPLEMENTATION OF THE RRAS MECHANISM
REPORT FOR THE MONTH OF SEPTEMBER 2020

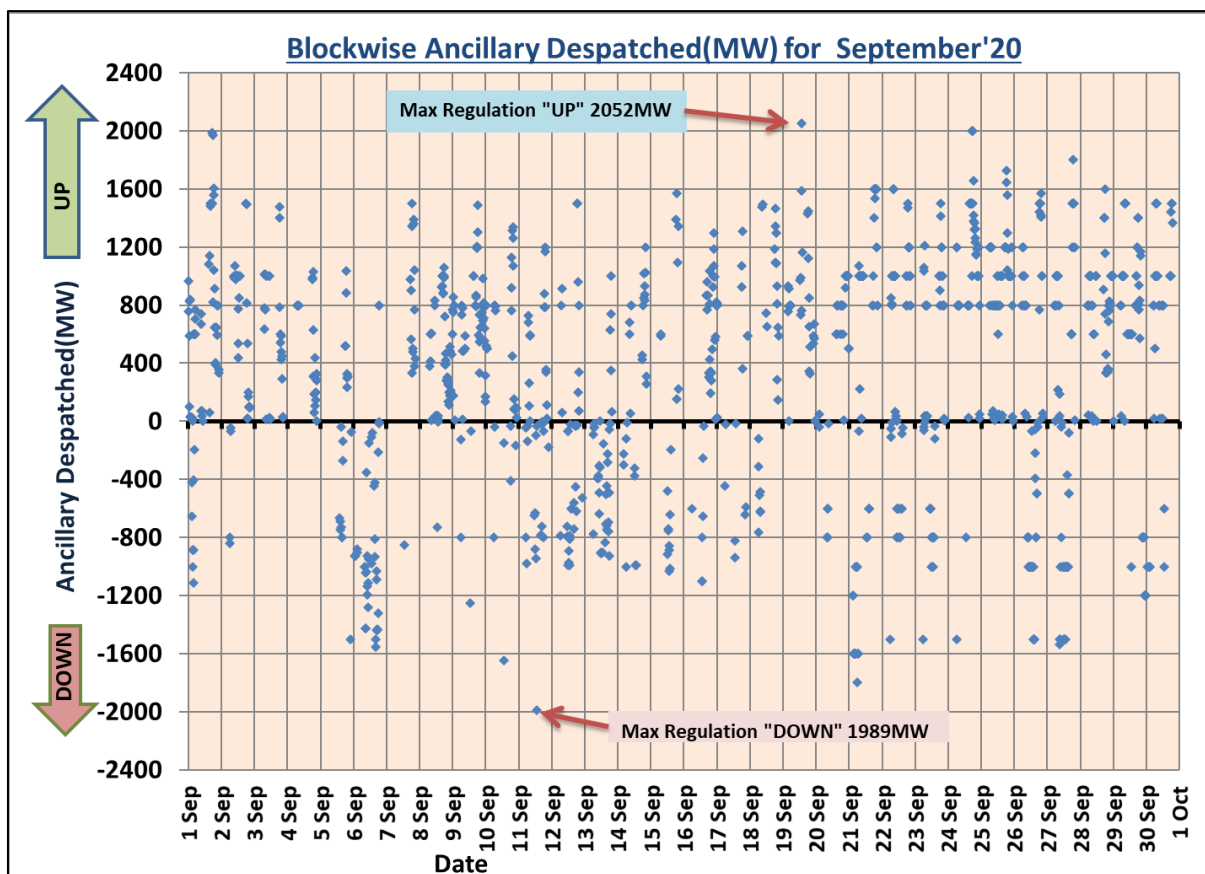
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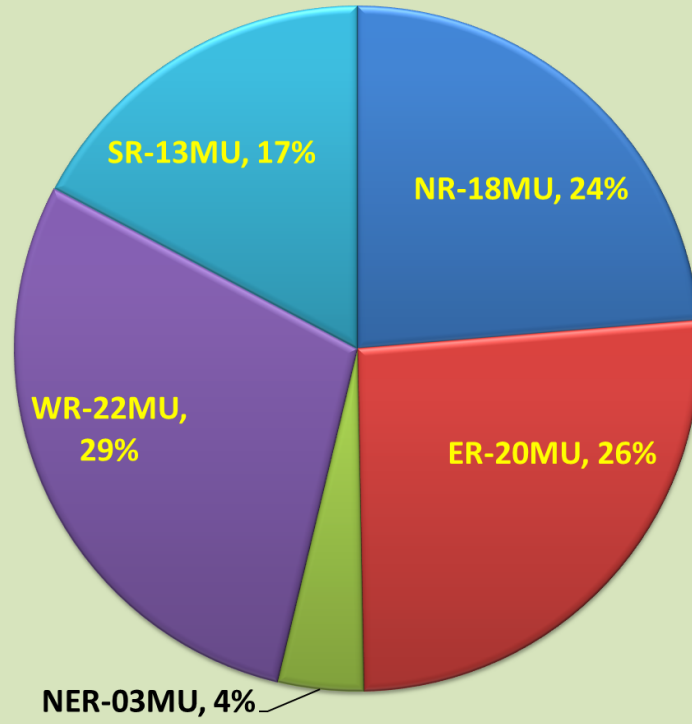
Section-1: सितंबर,20 माह में आरक्षित का उपयोग/ Utilisation of reserves for September,20



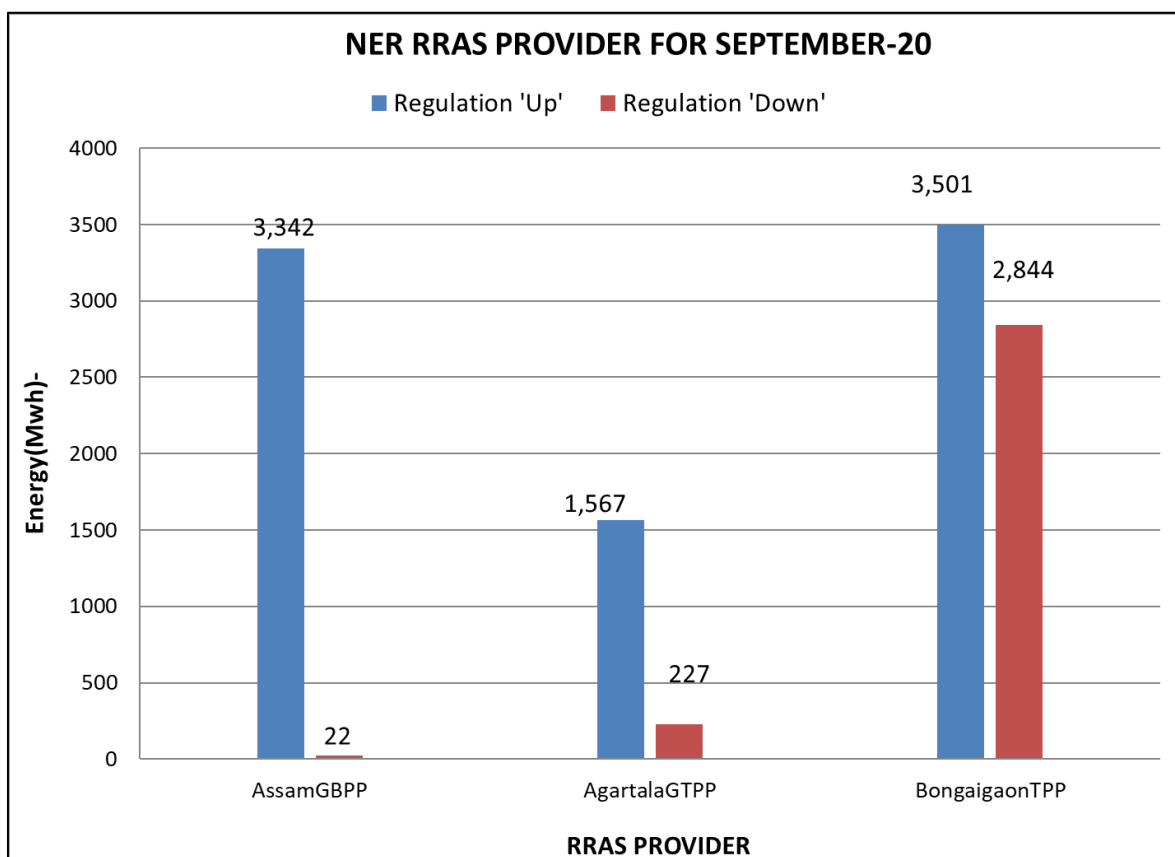
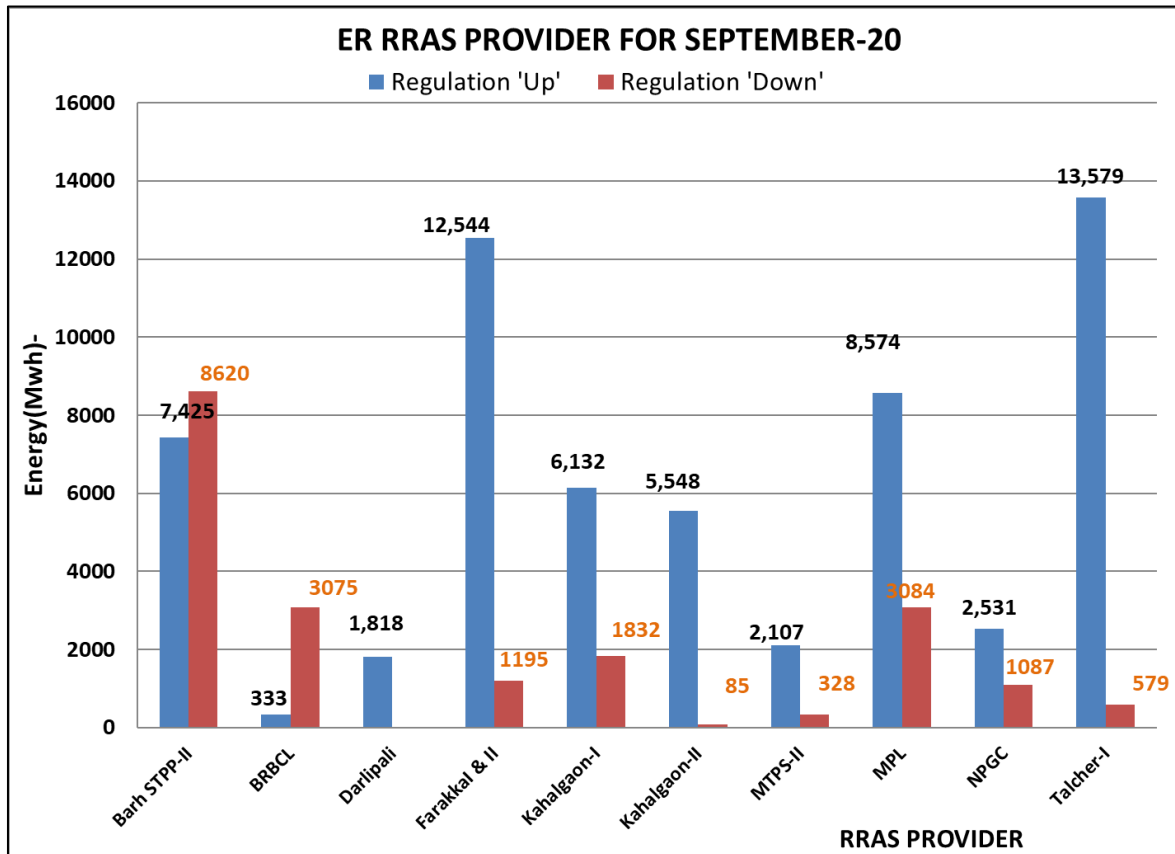
Section-2: अनुषंगी सेवा प्रेषण (MW) /Ancillary Despatched (MW)

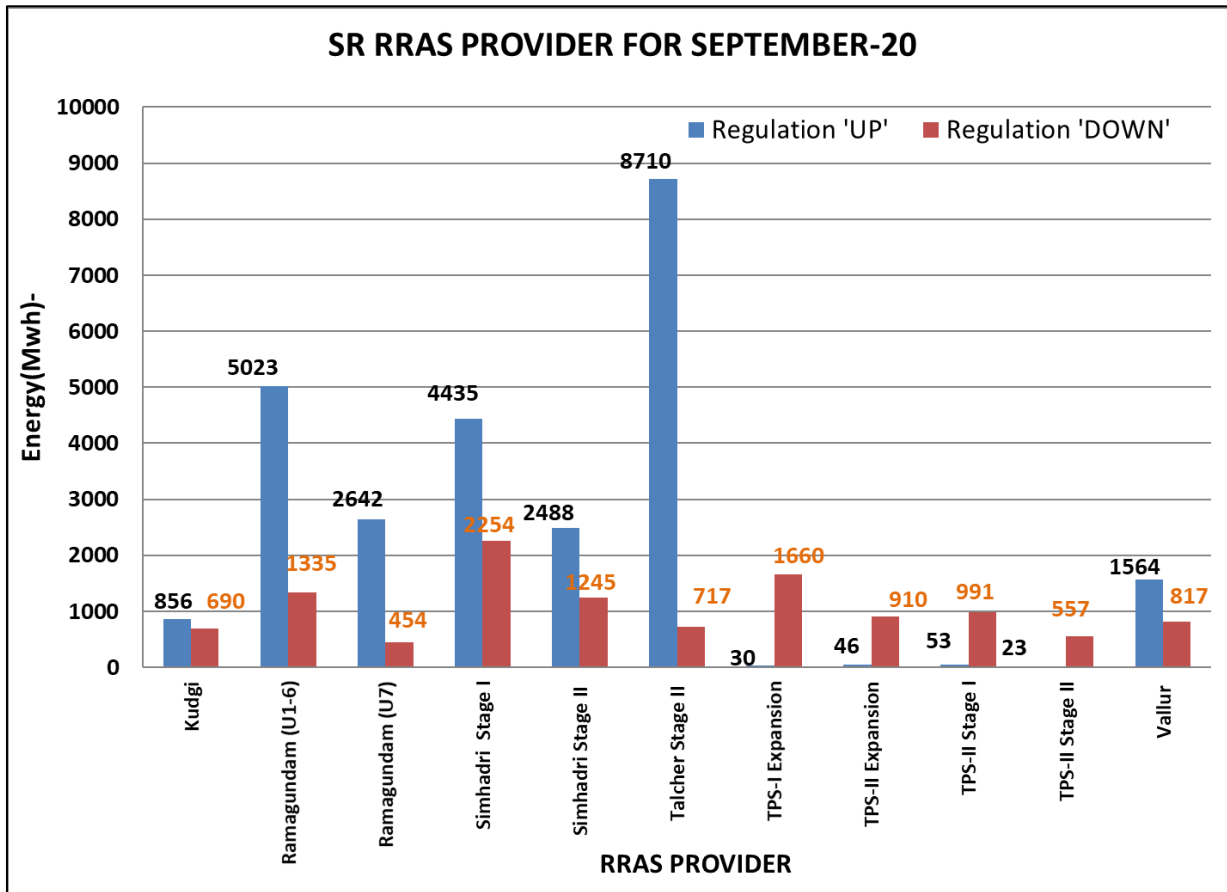
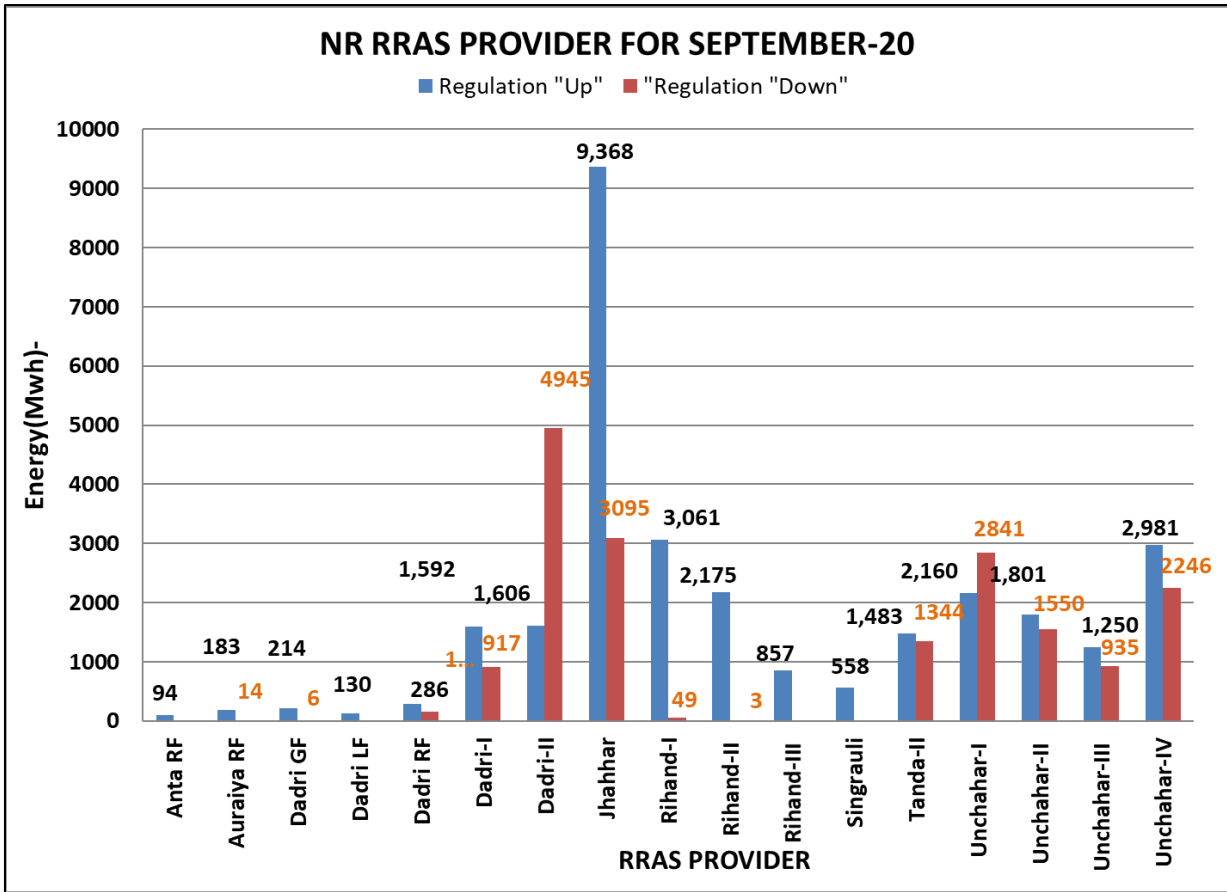


**REGION WISE PARTICIPATION IN REGULATION DOWN (MU) FOR
SEPTEMBER-20**

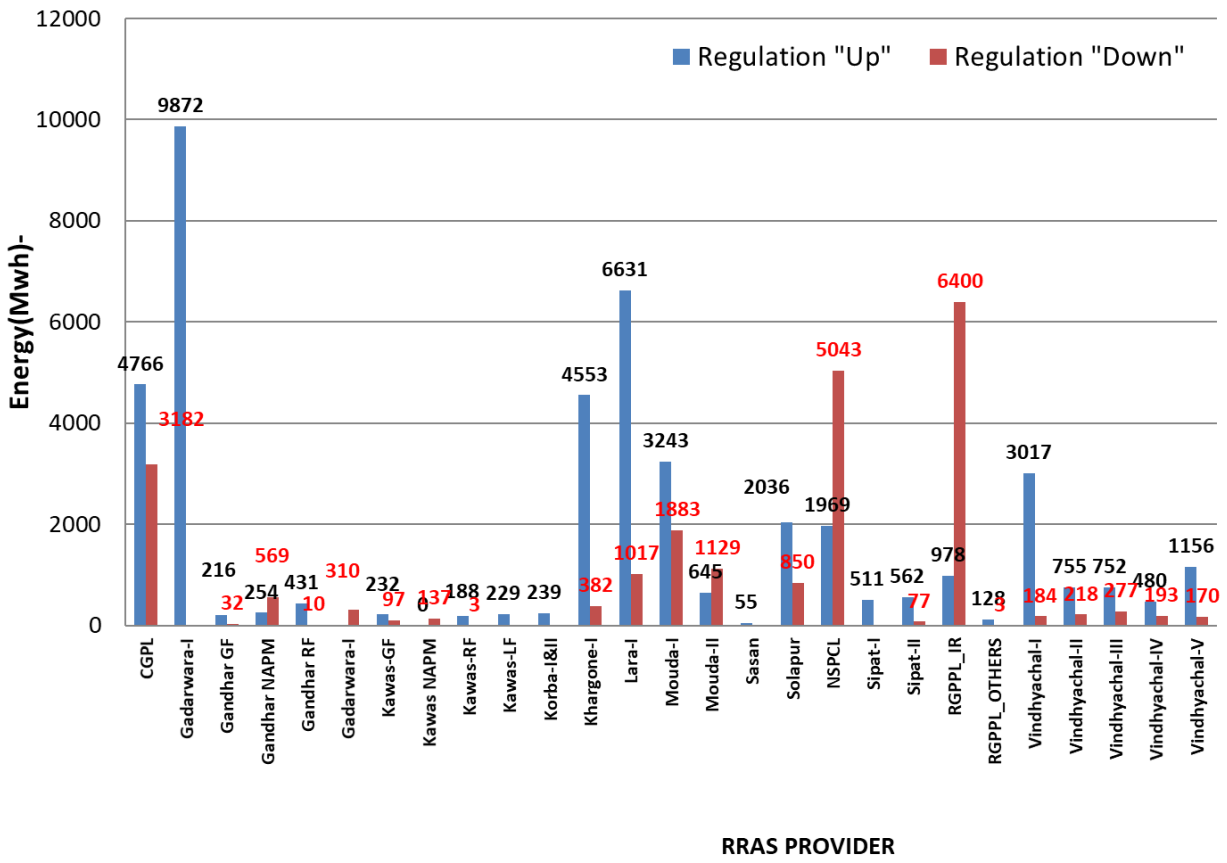


Section 4: अनुषंगी सेवा में ऊर्जा प्रेषण का क्षेत्रवार विवरण / Region wise energy despatch in Ancillary services-





WR RRAS PROVIDER SEPTEMBER-20



Section 5: आरआरएस प्रदाता को विनियमन अप सेवा के लिए डीएसएम पूल से भुगतान/Payment to the RRAS Provider(s) from the DSM Pool for Regulation Up from 31/08/20 to 04/10/20-

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (Rs) (C)	Total Charges (A+B+C)
1	ER	Barh STPP-II	7425	13661932	19430370	3712479	36804783
2	ER	BRBCL	333	832368	831704	166474	1830547
3	ER	Darlipali	1818	3846001	1856690	909219	6611909
4	ER	Farakkal & II	12544	10336335	32655563	6272051	49263946
5	ER	Kahalgaon-I	6132	6426123	13117313	3065895	22609335
6	ER	Kahalgaon-II	5548	6041636	11266832	2773935	20082406
7	ER	MTPS-II	2107	5761130	5943048	1053607	12757790
8	ER	MPL	8574	12200667	23552938	4286953	40040558
9	ER	NPGC	2531	6427466	5126394	1265747	12819606
10	ER	Talcher-I	13579	13022221	27888843	6789481	47700542
	ER	Total	60592	78555879	141669695	30295841	250521422
Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (Rs) (C)	Total Charges (A+B+C)
11	NER	AssamGBPP	3342	6785039	5043468	1670930	13499437
12	NER	AgartalaGTPP	1567	2922314	3291482	783410	6997206
13	NER	Bongaigaon	3501	8424474	12301294	1750505	22476273
	NER	Total	8410	18131827	20636244	4204845	42972916
Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (Rs) (C)	Total Charges (A+B+C)
14	NR	Anta RF	94	66469	459937	46875	573281
15	NR	Auraiya RF	183	116363	919915	91625	1127903
16	NR	Dadri GF	214	123642	527439	107142	758223
17	NR	Dadri LF	130	75229	1607585	65190	1748004
18	NR	Dadri RF	286	164831	1499205	142835	1806871
19	NR	Dadri-I	1592	1548852	5822048	795916	8166816
20	NR	Dadri-II	1606	2308222	5555248	803137	8666607
21	NR	Jhahhar	9368	15091156	31274632	4683786	51049574
22	NR	Rihand-I	3061	2583512	4504182	1530516	8618210
23	NR	Rihand-II	2175	1531422	3196783	1087656	5815861
24	NR	Rihand-III	857	1236473	1241922	428439	2906834
25	NR	Singrauli	558	365207	786616	278784	1430607
26	NR	Tanda-II	1483	2377100	3781414	741455	6899969
27	NR	Unchahar-I	2160	2334641	6650819	1079852	10065312
28	NR	Unchahar-II	1801	1817205	5584301	900498	8302004
29	NR	Unchahar-III	1250	1683947	3847848	625074	6156869
30	NR	Unchahar-IV	2981	4646728	8655878	1490292	14792898
	NR	Total	29798	38070999	85915772	14899072	138885843

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (Rs) (C)	Total Charges (A+B+C)
31	SR	NTPL	5527	8583470	15731484	2763513	27078466
32	SR	NNTPP Unit I NLC Ltd	74	133280	173282	36940	343503
33	SR	Kudgi	856	1427800	2662144	427998	4517942
34	SR	Ramagundam (U1-6)	5023	3656815	12515194	2511549	18683558
35	SR	Ramagundam (U7)	2642	2028807	6495155	1320839	9844802
36	SR	Simhadri Stage I	4435	4177454	13744113	2217333	20138900
37	SR	Simhadri Stage II	2488	3782094	7477255	1244110	12503460
38	SR	Talcher Stage II	8710	6218809	17750708	4354908	28324425
39	SR	TPS-I Expansion	30	29045	76849	15049	120943
40	SR	TPS-II Expansion	46	107114	119148	23195	249458
41	SR	TPS-II Stage I	53	37748	147317	26583	211647
42	SR	TPS-II Stage II	23	16763	63106	11388	91256
43	SR	Vallur	1564	2775586	5140360	781855	8697802
	SR	Total	31471	32974785	82096115	15735256	130806162
Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (Rs) (C)	Total Charges (A+B+C)
44	WR	CGPL	4766	4298033	9385339	2383031	16066402
45	WR	Gadarwara-I	9872	19610806	24453125	4935771	48999703
46	WR	Gandhar GF	216	228909	431249	108068	768225
47	WR	Gandhar NAPM	254	269053	571373	127020	967446
48	WR	Gandhar RF	431	456970	2824116	215735	3496821
49	WR	Kawas-GF	232	194898	460848	116093	771838
50	WR	Kawas NAPM	0	42	106	25	173
51	WR	Kawas-RF	188	158018	1290641	94125	1542784
52	WR	Kawas-LF	229	191984	3662185	114358	3968526
53	WR	Korba-I&II	239	163593	309924	119255	592773
54	WR	Khargone-I	4553	8286911	12541770	2276375	23105056
55	WR	Lara-I	6631	13015247	13255953	3315649	29586849
56	WR	Mouda-I	3243	6090194	9191699	1621457	16903352
57	WR	Mouda-II	645	958354	1850491	322700	3131545
58	WR	Sasan	55	9314	74619	27556	111488
59	WR	Solapur	2036	3502281	5782335	1017810	10302425
60	WR	NSPCL	1969	3353845	5037380	984688	9375913
61	WR	Sipat-I	511	665720	736374	255281	1657373
62	WR	Sipat-II	562	696084	838249	281087	1815421
63	WR	RGPPPL_IR	978	1251242	2758955	488767	4498964
64	WR	RGPPPL_OTHERS	128	163427	397078	63839	624343
65	WR	Vindhyachal-I	3017	2581408	4921697	1508536	9011640
66	WR	Vindhyachal-II	755	529044	1185137	377565	2091745
67	WR	Vindhyachal-III	752	786493	1178238	376096	2340826
68	WR	Vindhyachal-IV	480	752012	740598	240244	1732851
69	WR	Vindhyachal-V	1156	1931975	1845496	577848	4355316
	WR	Total	43898	70145857	105724975	21948979	197819798
ALL INDIA		Total	174168	237879347	436042801	87083993	761006141

**Section 6: आरआरएस प्रदाता को विनियमन डाउन सेवा के लिए डीएसएम पूल से भुगतान /
Payments by the RRAS Provider(s) to the DSM Pool for Regulation DOWN from 31/08/20 to 04/10/20-**

Sr. No.	Region	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	ER	Barh STPP-II	8620	22577085	16932815
2	ER	BRBCL	3075	7682295	5761719
3	ER	Farakka & II	1195	3110519	2332889
4	ER	Kahalgaon-I	1832	3889200	2916901
5	ER	Kahalgaon-II	85	170293	127720
6	ER	MTPS-II	328	923188	692391
7	ER	MPL	3084	8465515	6349136
8	ER	NPGC	1087	2200185	1650140
9	ER	Talcher-I	579	1182856	887142
	ER	Total	19886	50201136	37650853
Sr. No.	Region	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)
10	NER	AssamGBPP	22	33946	25460
11	NER	AgartalaGTPP	227	476448	357337
12	NER	Bongaigaon	2844	9969512	7477135
	NER	Total	3093	10479906	7859932
Sr. No.	Region	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)
13	NR	Auraiya RF	14	69025	51769
14	NR	Dadri GF	6	15749	11811
15	NR	Dadri RF	156	858106	643578
16	NR	Dadri-I	917	3355934	2516951
17	NR	Dadri-II	4945	17084823	12813618
18	NR	Jhajjar	3095	10348484	7761363
19	NR	Rihand-I	49	72189	54142
20	NR	Rihand-II	3	3628	2721
21	NR	Tanda-II	1344	3426486	2569865
22	NR	Unchahar-I	2841	8859497	6644623
23	NR	Unchahar-II	1550	4873029	3654773
24	NR	Unchahar-III	935	2920720	2190541
25	NR	Unchahar-IV	2246	6590345	4942759
	NR	Total	18100	58478015	43858514
Sr. No.	Region	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)
26	SR	NTPL	955	2719748	2039812
27	SR	NNTPP Unit I NLC Ltd	601	1408471	1056354
28	SR	Kudgi	690	2145115	1608836
29	SR	Ramagundam (U1-6)	1335	3333437	2500078
30	SR	Ramagundam (U7)	454	1117364	838023
31	SR	Simhadri Stage I	2254	6892716	5169538
32	SR	Simhadri Stage II	1245	3747174	2810381
33	SR	Talcher Stage II	717	1462820	1097115
34	SR	TPS-I Expansion	1660	4237403	3178052
35	SR	TPS-II Expansion	910	2339216	1754412
36	SR	TPS-II Stage I	991	2742563	2056923
37	SR	TPS-II Stage II	557	1542344	1156757
38	SR	Vallur	817	2668542	2001407
	SR	Total	13187	36356913	27267688

Sr. No.	Region	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)
39	WR	CGPL	3182	6270566	4702925
40	WR	Gandhar GF	32	63080	47310
41	WR	Gandhar NAPM	569	1356008	1017006
42	WR	Gandhar RF	10	67517	50637
43	WR	Gadarwara-I	310	770280	577710
44	WR	Kawas GF	97	193024	144768
45	WR	Kawas NAPM	137	290249	217687
46	WR	Kawas RF	3	18550	13913
47	WR	Khargone-I	382	1051752	788814
48	WR	Mouda-I	1883	5341336	4006002
49	WR	Mouda-II	1129	3214748	2411061
50	WR	Lara-I	1017	2077960	1558470
51	WR	NSPCL	5043	12842043	9631533
52	WR	RGPPL_IR	6400	17938288	13453716
53	WR	RGPPL_OTHERS	3	8283	6212
54	WR	Sipat-II	77	114160	85620
55	WR	Solapur	850	2414229	1810672
56	WR	Vindhyachal-I	184	302916	227187
57	WR	Vindhyachal-II	218	345236	258927
58	WR	Vindhyachal-III	277	433475	325106
59	WR	Vindhyachal-IV	193	297928	223446
60	WR	Vindhyachal-V	170	271894	203921
		Total	22163	55683522	41762643

Section 8: एजीसी प्रदाता को डीएसएम पूल से भुगतान

/Payment to the AGC Provider from the DSM Pool from 31/08/20 to 04/10/20-

AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
Dadri-II TPS	NR	5599	345	5254	18448480	2972340	21420819
Simhadri II	SR	2998	1532	1466	4421122	2264753	6685875
Mouda-II	WR	764	1315	-551	-465889	1039381	573492
Barh	ER	0	0	0	0	0	0
Bongaigaon	NER	2630	544	2087	7341032	1595955	8936987
Total	All India	11991	3736	8256	29744745	7872429	37617173