

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
CIN No: U40105DL2009GOI188682, website: www.posoco.in, Tel: 011 – 41035696, Fax: 011 – 26536901

संदर्भ संख्या: पोसोको/एनएलडीसी/2020/

दिनांक: 30th अप्रैल, 2020

सेवा मे,

वितरण सूची के अनुसार

विषय: मार्च 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 मार्च 2020 माह की रिपोर्ट।

सादर धन्यवाद,

भवदीय

(जी चक्रवर्ती)

मुख्य महाप्रबंधक/ रा. भा. प्रे. के

वितरण सूची

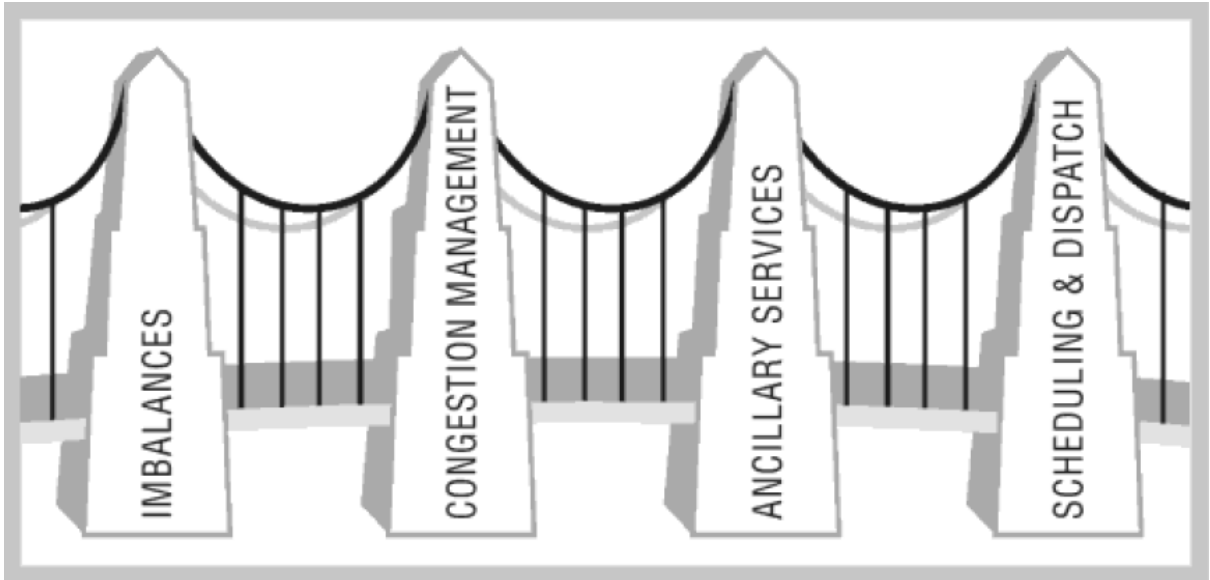
Distribution List

- 1 सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली-110001
Secretary, CERC, 3rd & 4th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
- 2 मुख्य अभियंता (जी एम), के.वि.प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Chief Engineer (GM), CEA, Sewa Bhavan, R.K.Puram, New Delhi-110066
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Member Secretary, NRPC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
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Member Secretary, ERPC, 14, Golf Club Road, Kolkata-700033
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Executive Director, ERLDC, 14, Golf Club Road, Kolkata-700033
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Executive Director, WRLDC, F-3, MIDC Area, Andheri (East), Mumbai-400093
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Executive Director, NRLDC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 12 कार्यपालक निदेशक, उ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongtiah, Lower Nongrah, Lapalang, Shillong-793006



पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

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



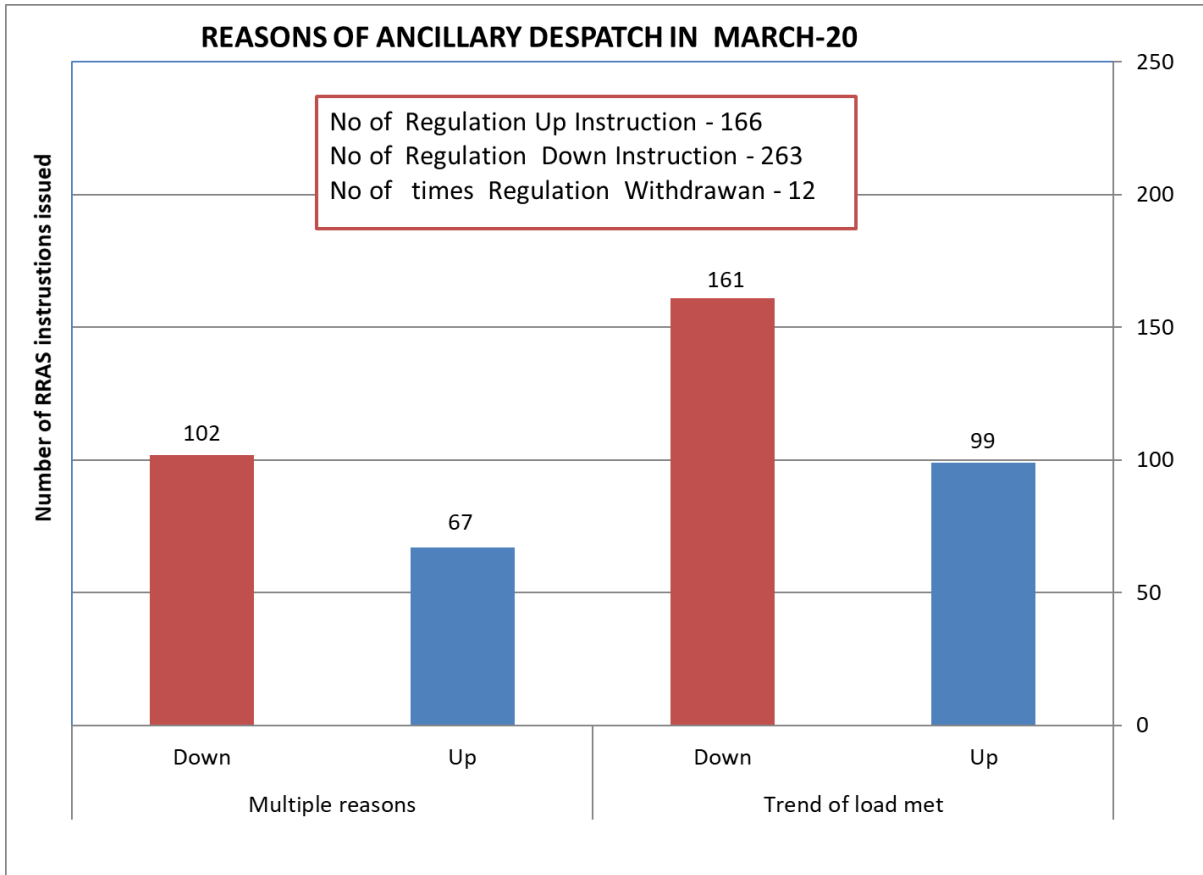
आर.आर.ए.एस प्रक्रिया की
मार्च-2020 माह के लिए कार्यान्वयन रिपोर्ट

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

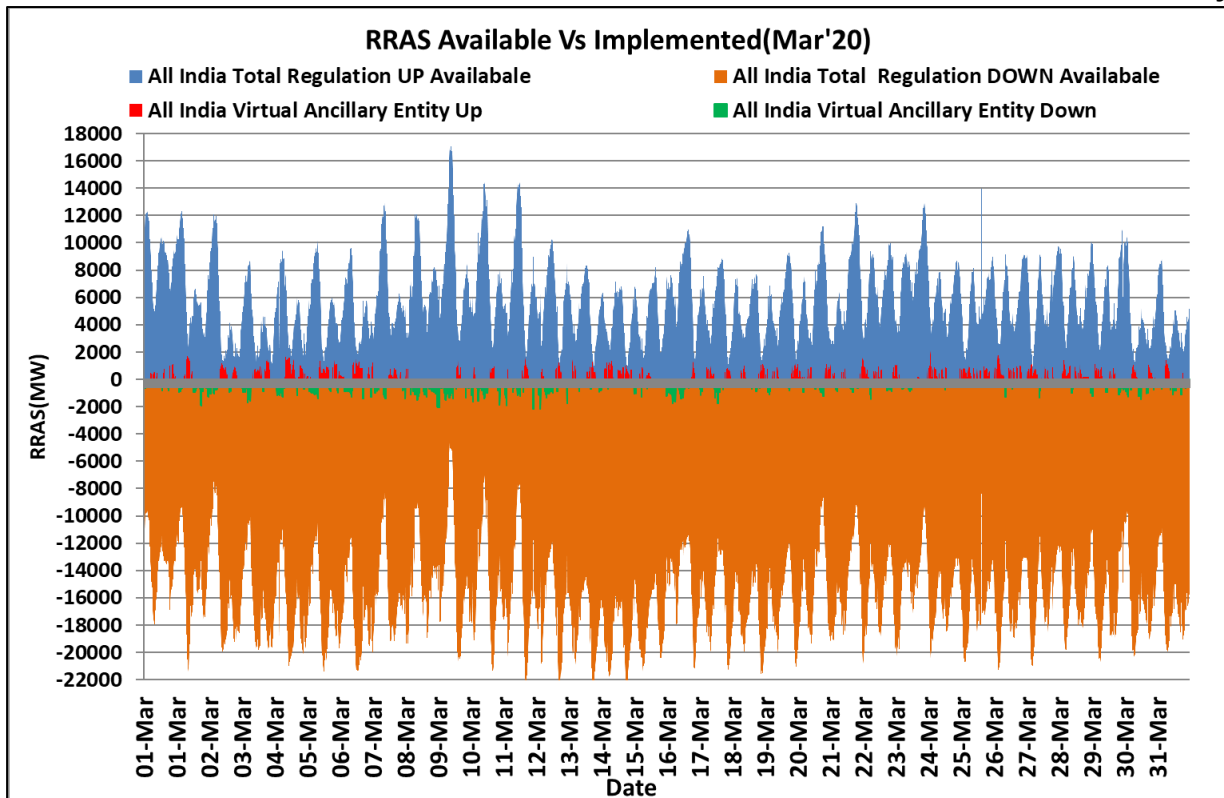
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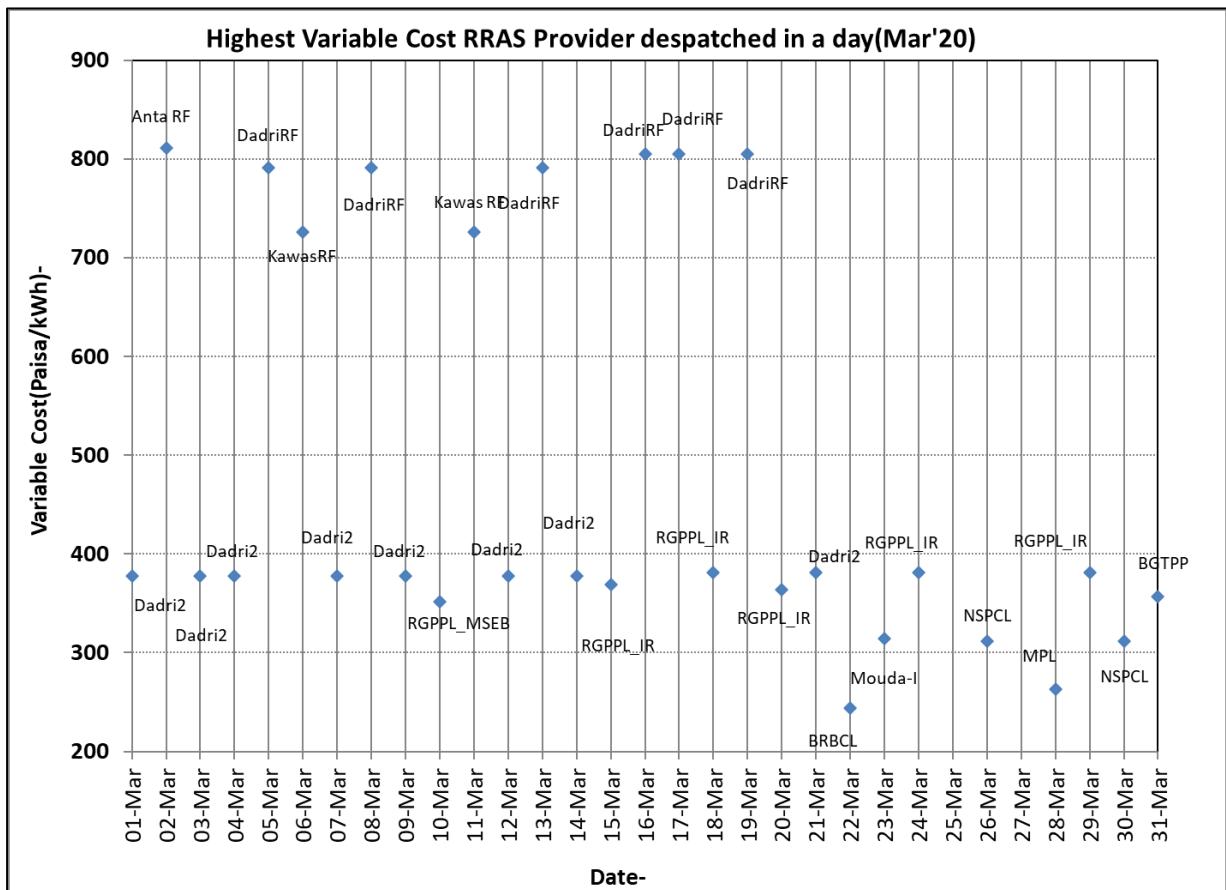
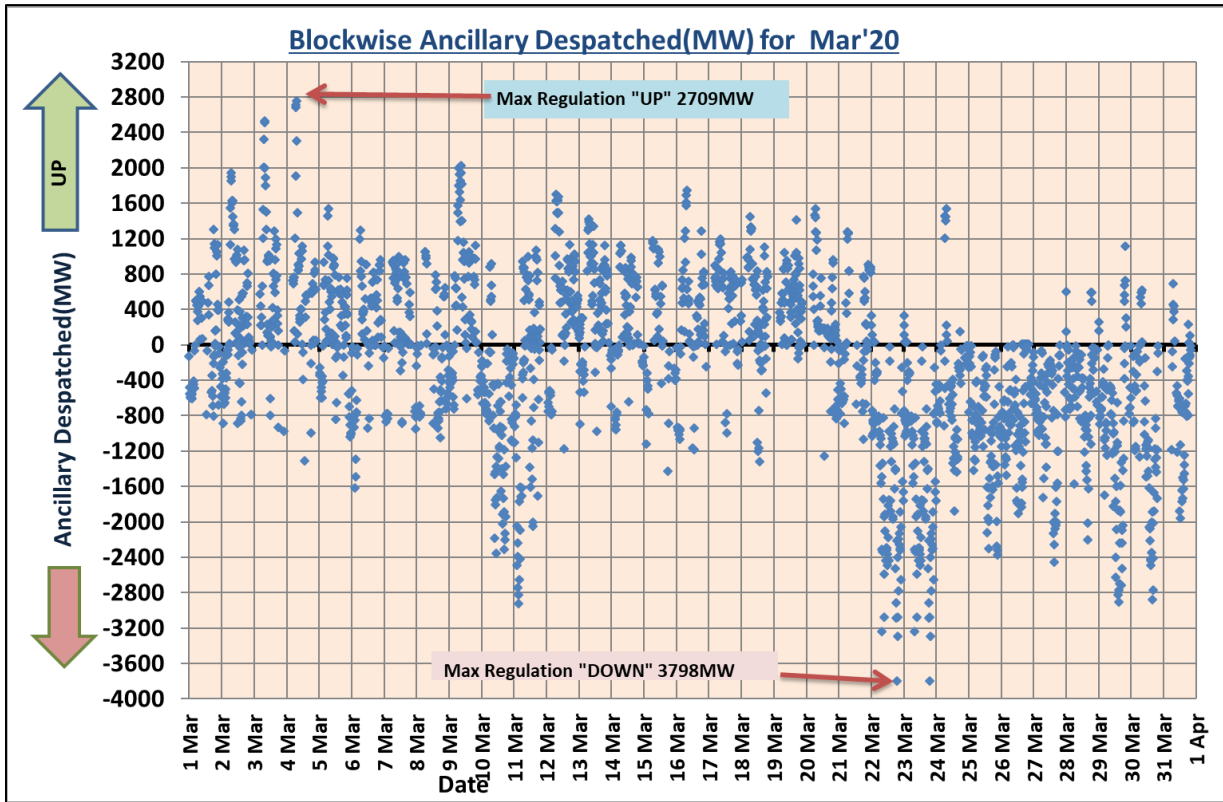
Section-1: फरवरी -20 माह में अनुषंगी सेवा प्रेषण के कारण/ Reasons for Ancillary Services Despatch in March-20 month-



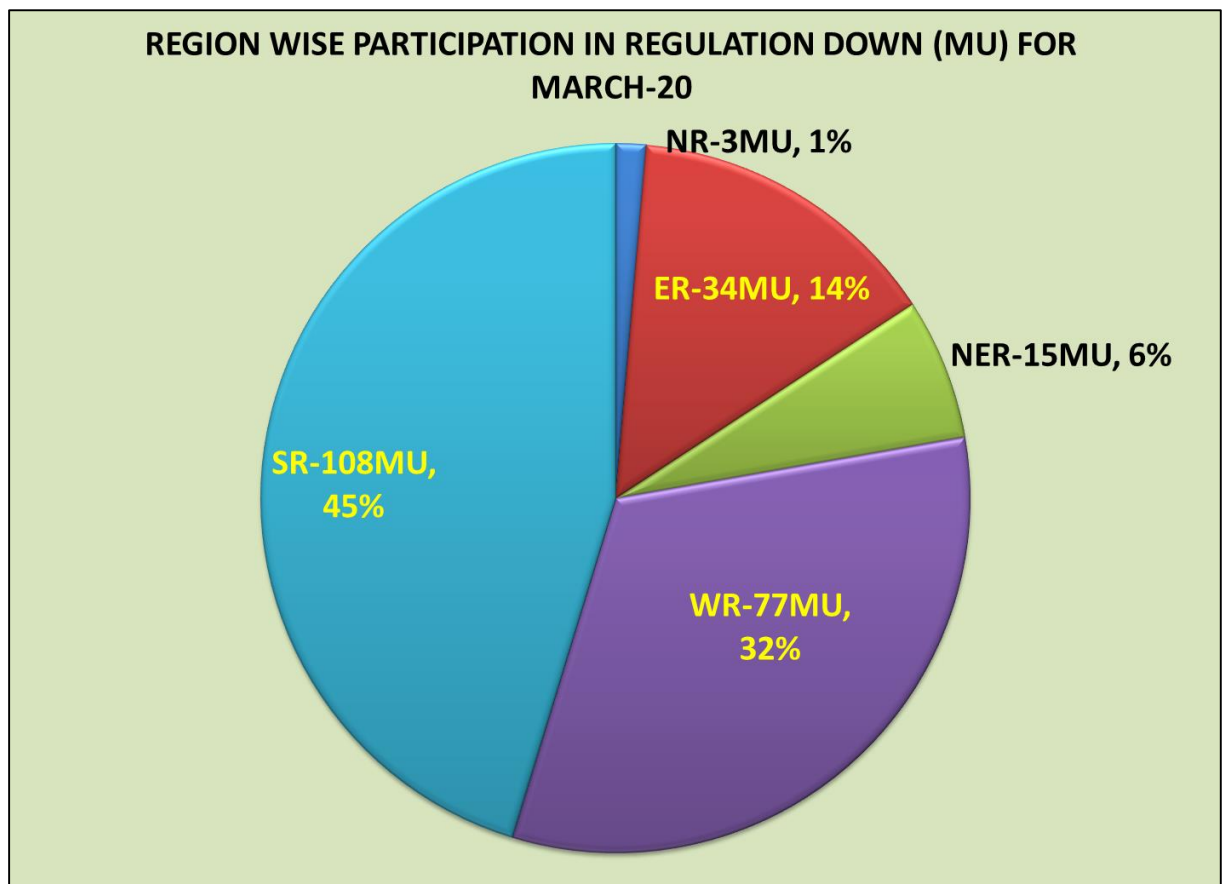
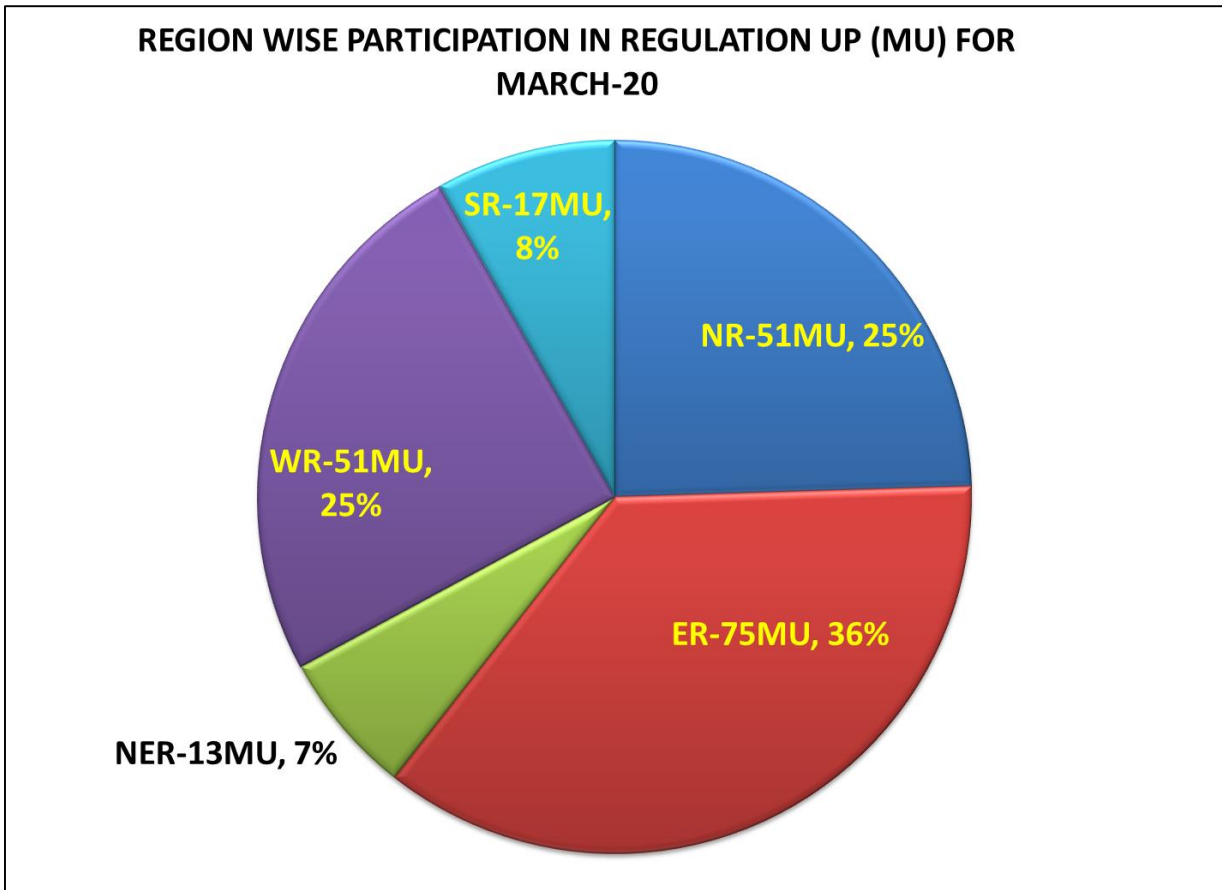
Section-2: फरवरी,20 माह में आरक्षित का उपयोग/ Utilisation of reserves for February,20



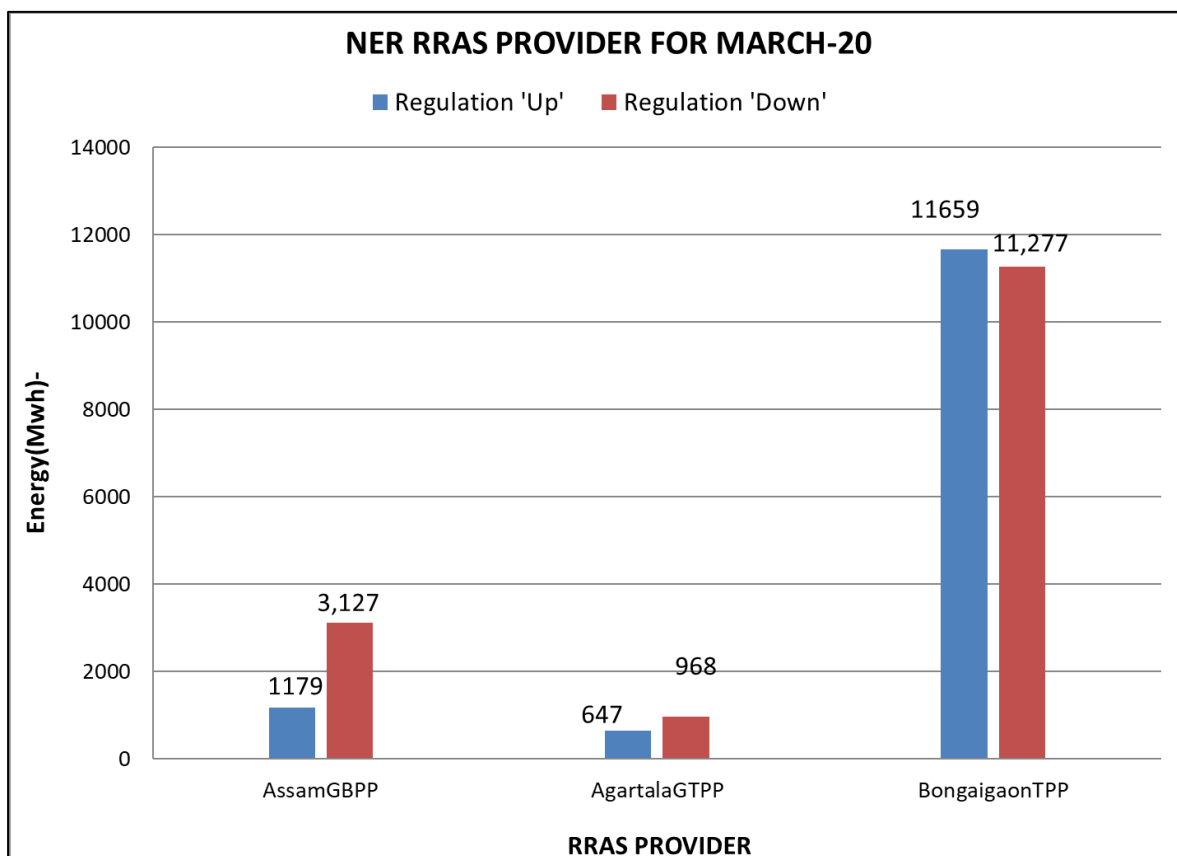
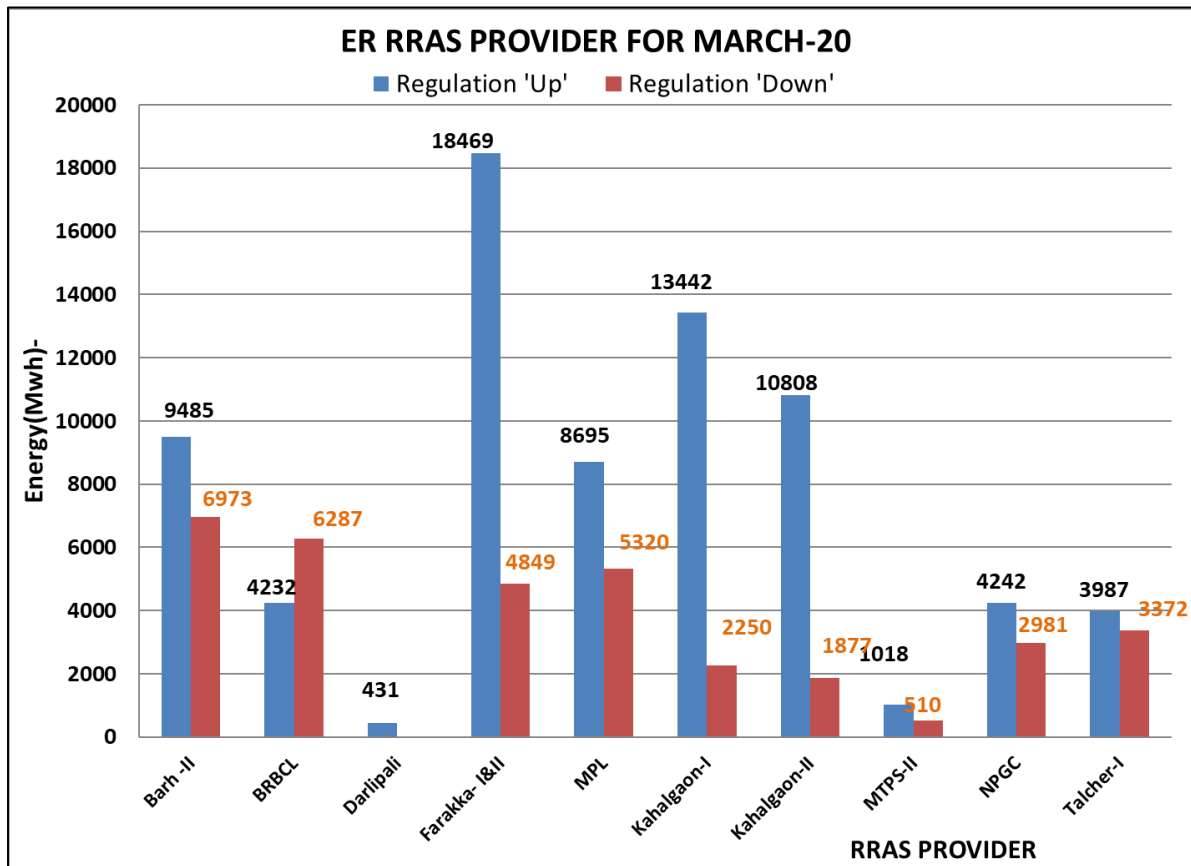
Section-3: अनुषंगी सेवा प्रेषण (MW) /Ancillary Despatched (MW)

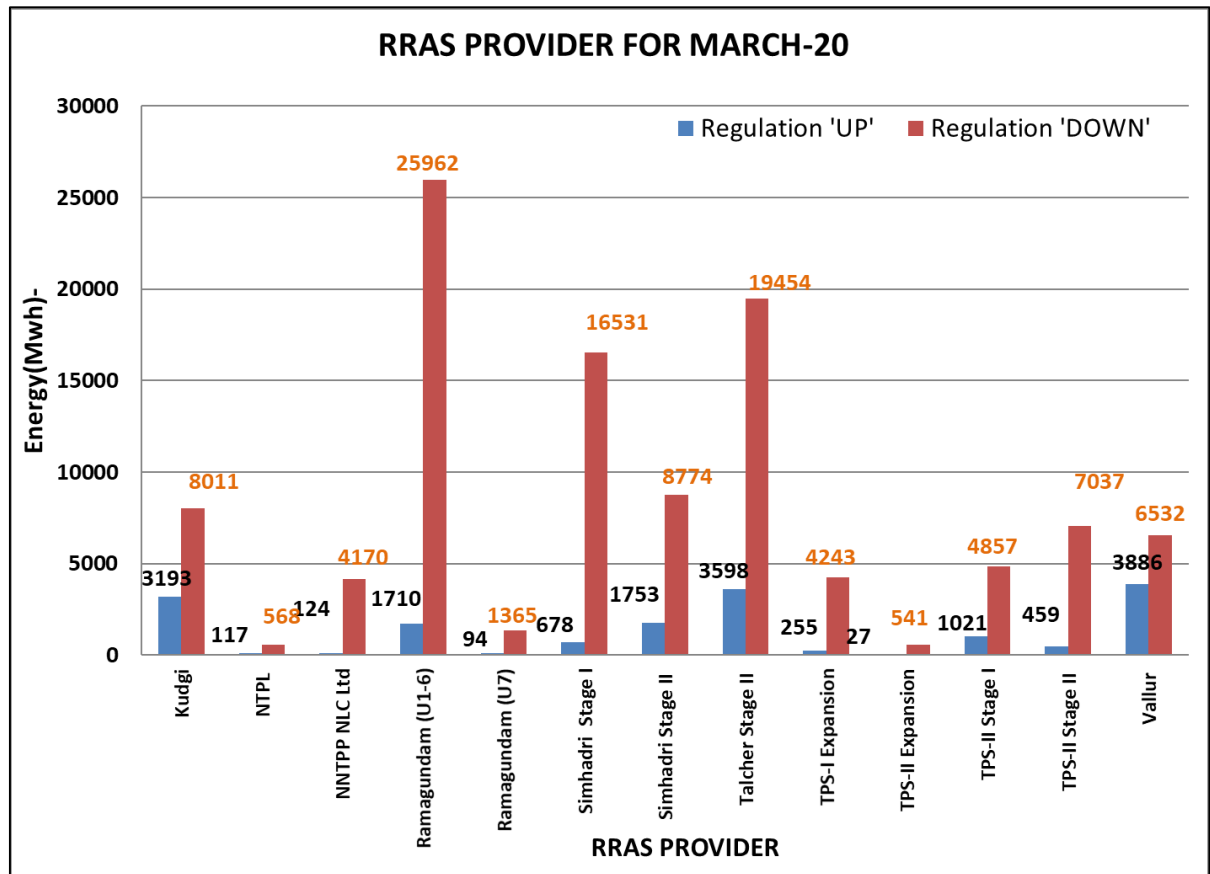
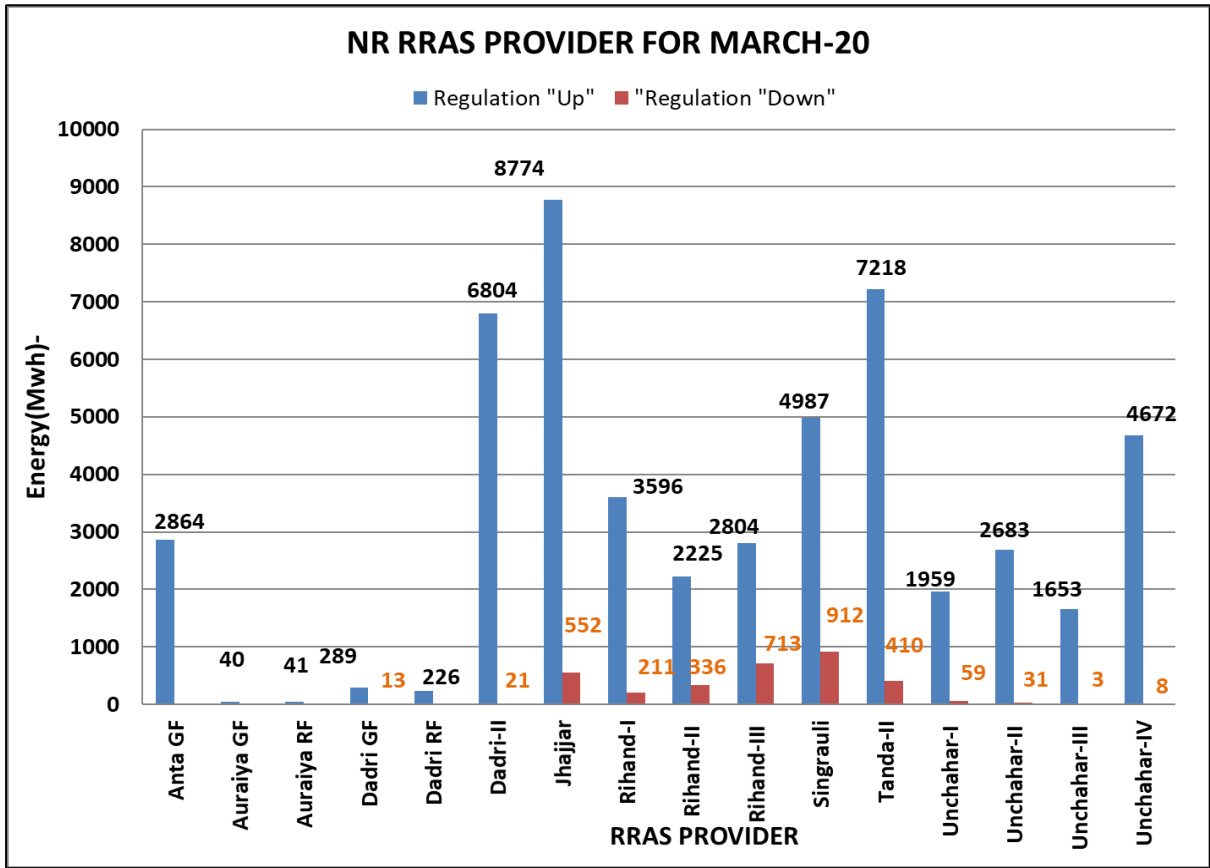


Section-4: अनुषंगी सेवा मे क्षेत्रवार भागीदारी/Region wise participation in RRAS -

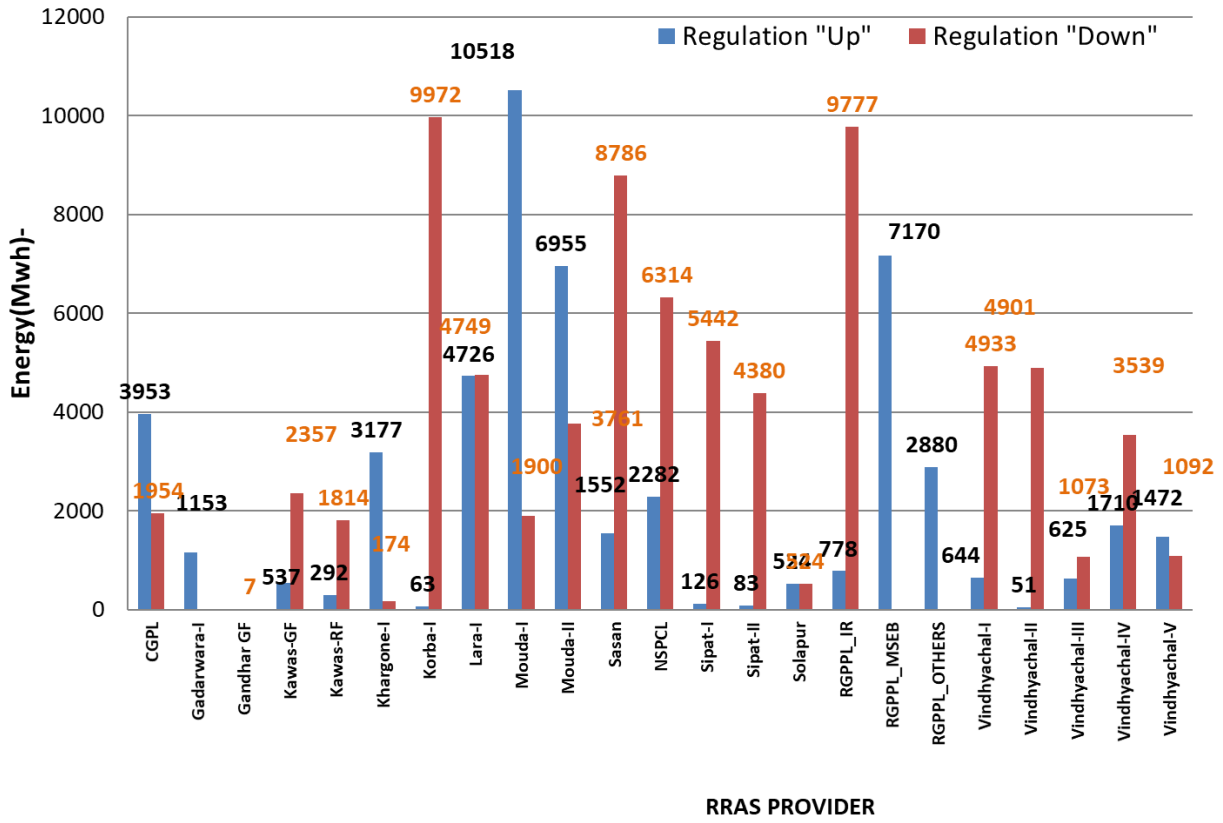


Section 5: अनुषंगी सेवा में ऊर्जा प्रेषण का क्षेत्रवार विवरण / Region wise energy despatch in Ancillary services-





WR RRAS PROVIDER MARCH-20



Section 6: 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 24/02/20 to 29/03/20-

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	9485	17404690	27567640	4742423	49714755
2	ER	BRBCL	4232	10579881	10027311	2115974	22723162
3	ER	Darlipali	431	892405	577109	215661	1685176
4	ER	Farakkal & II	18469	15181835	51149033	9234690	75565565
5	ER	Kahalgaon-I	13442	14047321	30857810	6721208	51626335
6	ER	Kahalgaon-II	10808	11737265	23543289	5403900	40684459
7	ER	MTPS-II	1018	2782596	2767529	508887	6059014
8	ER	MPL	8695	12372487	22713183	4347325	39432995
9	ER	NPGC	4242	10902272	8731541	2121066	21754880
10	ER	Talcher-I	3987	3811753	8191414	1993595	13996761
	ER	Total	74809	99712505	186125859	37404729	323243102
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	1179	2201044	2487709	589340	5278093
12	NER	AgartalaGTPP	647	1024646	1381673	323635	2729954
13	NER	Bongaigaon	11659	27977167	39271964	5829310	73078441
	NER	Total	13485	31202857	43141346	6742285	81086488
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 GF	2864	4336657	9317798	1432185	15086640
15	NR	Auraiya GF	40	25162	128074	19875	173111
16	NR	Auraiya RF	41	26838	342718	20731	390287
17	NR	Dadri GF	289	166309	877006	144365	1187680
18	NR	Dadri RF	226	130021	1795021	112866	2037908
19	NR	Dadri-II	6804	9750610	25592963	3402166	38745739
20	NR	Jhajjar	8774	14135601	31144960	4387214	49667775
21	NR	Rihand-I	3596	3027967	4898772	1798083	9724822
22	NR	Rihand-II	2225	1562140	3024289	1112635	5699064
23	NR	Rihand-III	2804	4035563	3749461	1402211	9187235
24	NR	Singrauli	4987	3256347	6887413	2493373	12637133
25	NR	Tanda-II	7218	11542132	17451888	3609171	32603191
26	NR	Unchahar-I	1959	2112252	6763266	979707	9855225
27	NR	Unchahar-II	2683	2699123	9343388	1341516	13384027
28	NR	Unchahar-III	1653	2219348	5703843	826265	8749456
29	NR	Unchahar-IV	4672	7101138	15194810	2335833	24631781
	NR	Total	50836	66127208	142215670	25418196	233761074

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)
30	SR	NTPL	117	181234	335250	58500	574984
31	SR	Kudgi	3193	5313743	11516398	1596678	18426819
32	SR	NNTPP Unit I NLC Ltd	124	214068	286628	61905	562601
33	SR	Ramagundam (U1-6)	1710	1241254	4481104	854858	6577216
34	SR	Ramagundam (U7)	94	72004	243554	47000	362558
35	SR	Simhadri Stage I	678	636408	2157596	338875	3132879
36	SR	Simhadri Stage II	1753	2658276	5532851	876740	9067867
37	SR	Talcher Stage II	3598	2561818	7397185	1799030	11758033
38	SR	TPS-I Expansion	255	261549	649988	127585	1039122
39	SR	TPS-II Expansion	27	63370	69179	13500	146049
40	SR	TPS-II Stage I	1021	822056	2825023	510594	4157673
41	SR	TPS-II Stage II	459	382550	1268890	229346	1880787
42	SR	Vallur	3886	6948361	14326133	1943054	23217548
	SR	Total	16915	21356691	51089779	8457664	80904136
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)
43	WR	CGPL	3953	3571686	7398501	1976306	12946493
44	WR	Gadarwara-I	1153	2283802	3581734	576398	6441934
45	WR	Kawas-GF	537	449544	1326728	268513	2044784
46	WR	Kawas-RF	292	244474	2131665	146025	2522165
47	WR	Khargone-I	3177	7529491	8990909	1588500	18108900
48	WR	Korba-I	63	42921	85190	31375	159486
49	WR	Lara-I	4726	9249423	11415682	2362802	23027907
50	WR	Mouda-I	10518	19698816	32578077	5258907	57535801
51	WR	Mouda-II	6955	10298369	21252735	3477299	35028402
52	WR	Sasan	1552	263882	2053093	776120	3093094
53	WR	NSPCL	2282	3874468	7469157	1140891	12484515
54	WR	Sipat-I	126	163376	186923	62818	413117
55	WR	Sipat-II	83	101929	126614	41274	269817
56	WR	Solapur	524	899851	1640178	262225	2802254
57	WR	RGPPL_IR	778	1011508	2882522	389042	4283070
58	WR	RGPPL_MSEB	7170	9320675	23597000	3584875	36502550
59	WR	RGPPL_OTHERS	2880	3744325	9496573	1440125	14681023
60	WR	Vindhyachal-I	644	549601	1129601	322083	2001286
61	WR	Vindhyachal-II	51	35583	85995	25464	147041
62	WR	Vindhyachal-III	625	651800	1050180	312555	2014534
63	WR	Vindhyachal-IV	1710	2669593	2831276	855201	6356069
64	WR	Vindhyachal-V	1472	2453963	2516407	735998	5706367
	WR	Total	51270	79109080	143826740	25634796	248570609
ALL INDIA		Total	207315	297508341	566399394	103657670	967565409

Section 7: 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 24/02/20 to 29/03/20-

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	6973	20679949	15509962
2	ER	BRBCL	6287	15048780	11286586
3	ER	Farakka & II	4849	13269171	9951878
4	ER	Kahalgaon-I	2250	5151034	3863274
5	ER	Kahalgaon-II	1877	4079473	3059606
6	ER	MTPS-II	510	1411137	1058353
7	ER	MPL	5320	13963148	10472361
8	ER	NPGC	2981	6207067	4655300
9	ER	Talcher-I	3372	6777925	5083443
	ER	Total	34419	86587684	64940763
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	3127	6617453	4963090
11	NER	AgartalaGTPP	968	1879330	1409497
12	NER	Bongaigaon	11277	39149568	29362176
	NER	Total	15372	47646351	35734763
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	Dadri GF	13	39983	29988
14	NR	Dadri-II	21	77448	58086
15	NR	Jhajjar	552	1960555	1470415
16	NR	Rihand-I	211	283502	212626
17	NR	Rihand-II	336	450880	338161
18	NR	Rihand-III	713	933656	700242
19	NR	Singrauli	912	1244993	933744
20	NR	Tanda-II	410	976653	732488
21	NR	Unchahar-I	59	202071	151553
22	NR	Unchahar-II	31	107724	80792
23	NR	Unchahar-III	3	11219	8414
24	NR	Unchahar-IV	8	26000	19500
	NR	Total	3267	6314684	4736009
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)
25	SR	NTPL	568	1622798	1217099
26	SR	Kudgi	8011	28856636	21642478
27	SR	NNTP Unit I NLC Ltd	4170	9476091	7107068
28	SR	Ramagundam (U1-6)	25962	67823193	50867396
29	SR	Ramagundam (U7)	1365	3536799	2652599
30	SR	Simhadri Stage I	16531	52672511	39504384
31	SR	Simhadri Stage II	8774	27602148	20701611
32	SR	Talcher Stage II	19454	39680549	29760411
33	SR	TPS-I Expansion	4243	10812273	8109205
34	SR	TPS-II Expansion	541	1385566	1039175
35	SR	TPS-II Stage I	4857	13438162	10078622
36	SR	TPS-II Stage II	7037	19472860	14604645
37	SR	Vallur	6532	23772053	17829039
	SR	Total	108045	300151639	225113732

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)
38	WR	CGPL	1954	3667765	2750824
39	WR	Gandhar GF	7	26768	20076
40	WR	Kawas GF	2357	5827762	4370821
41	WR	Kawas RF	1814	13221351	9916013
42	WR	Khargone-I	174	491861	368896
43	WR	Korba-I	9972	13737700	10303275
44	WR	Lara-I	4749	11444001	8583001
45	WR	Mouda-I	1900	5903787	4427841
46	WR	Mouda-II	3761	11584884	8688663
47	WR	NSPCL	6314	20265605	15199204
48	WR	RGPP_LIR	9777	36283149	27212363
49	WR	Sasan	8786	11607328	8705496
50	WR	Sipat-I	5442	7939723	5954792
51	WR	Sipat-II	4380	6582345	4936759
52	WR	Solapur	524	1678052	1258539
53	WR	Vindhyachal-I	4933	8660265	6495199
54	WR	Vindhyachal-II	4901	8285715	6214287
55	WR	Vindhyachal-III	1073	1802027	1351520
56	WR	Vindhyachal-IV	3539	5865615	4399212
57	WR	Vindhyachal-V	1092	1868615	1401461
		Total	77448	176744316	132558242
ALL INDIA		Total	238551	617444674	463083509

Section 8: एजीसी प्रदाता को डीएसएम पूल से भुगतान

/Payment to the AGC Provider from the DSM Pool from 24/02/20 to 29/03/20-

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	26510	1114	25396	94989572	13811642	108801213
Simhadri II	SR	0	0	0	0	0	0
Mouda-II	WR	9368	6674	2694	8202781	8021323	16224104
Barh	ER	6120	7967	-1846	-5259710	7043516	1783806
Bongaigaon	NER	9524	-2192	7332	24984497	5905110	30889607
Total	All India	51522	13563	33575	122917140	34781591	157698730