

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/2022/

दिनांक: 21st जून, 2022

सेवा मे,

वितरण सूची के अनुसार

विषय: मई 2022 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 मई 2022 माह की रिपोर्ट।

सादर धन्यवाद,

भवदीय

Sd/-

(समीर चन्द्र सक्सेना)

मुख्य महाप्रबंधक/ रा. भा. प्रे. के

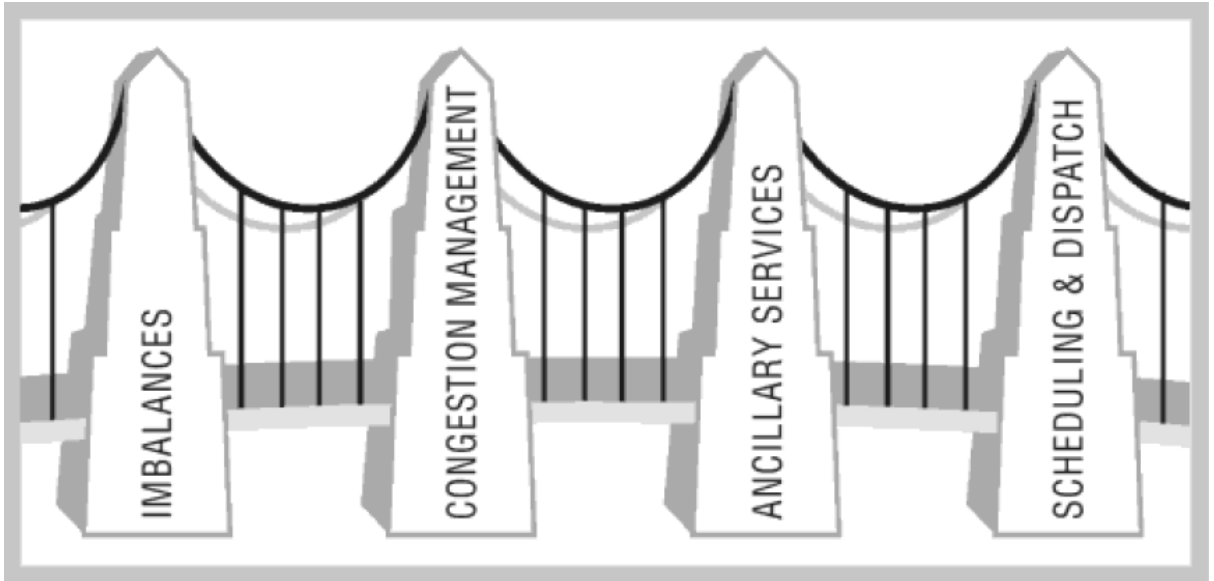
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Executive Director, SRLDC, 29,Race Course Cross Road,Bangalore-560009



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

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



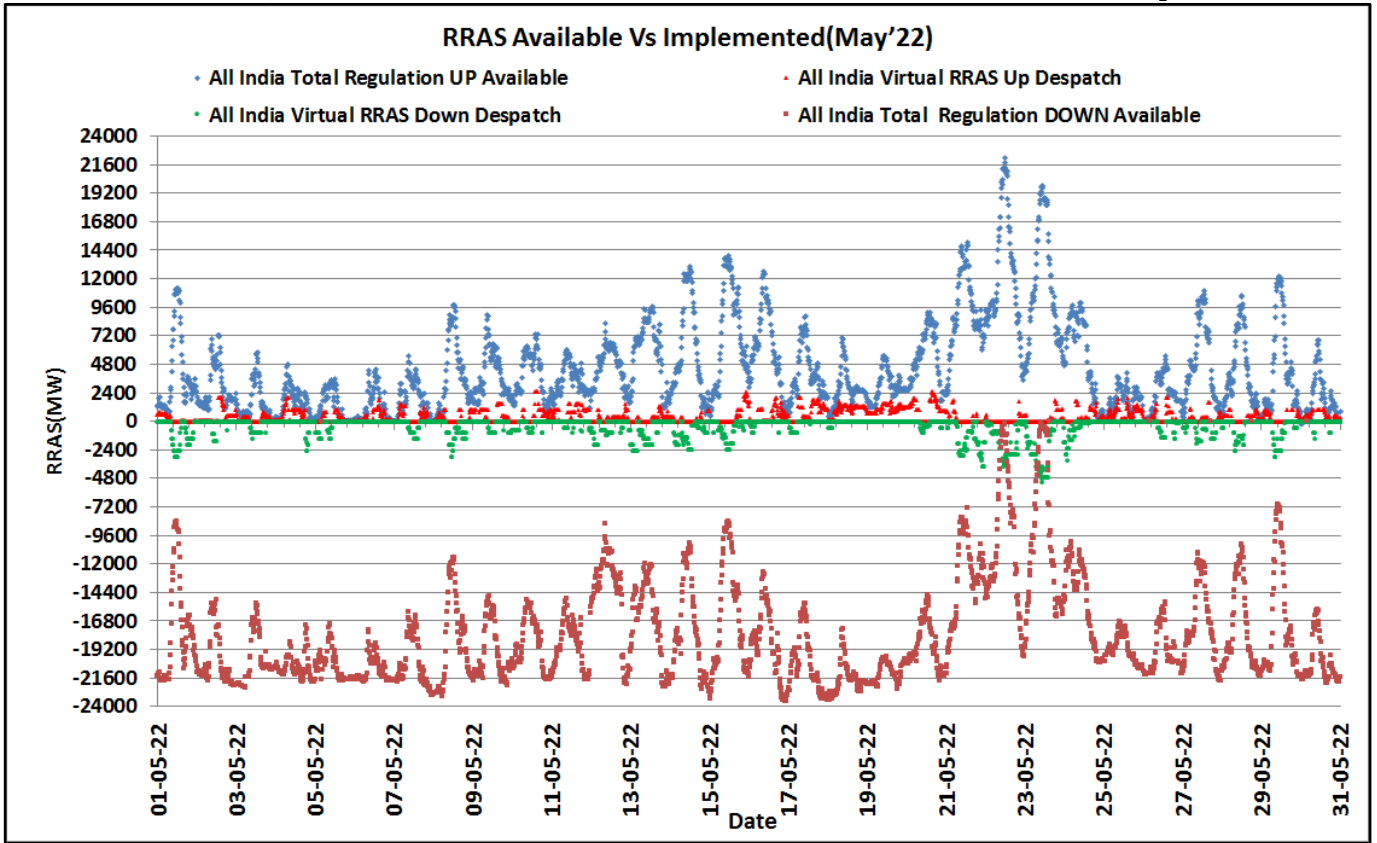
आर.आर.ए.एस प्रक्रिया की
मई-2022 माह के लिए कार्यान्वयन रिपोर्ट

IMPLEMENTATION OF THE RRAS MECHANISM
REPORT FOR THE MONTH OF MAY 2022

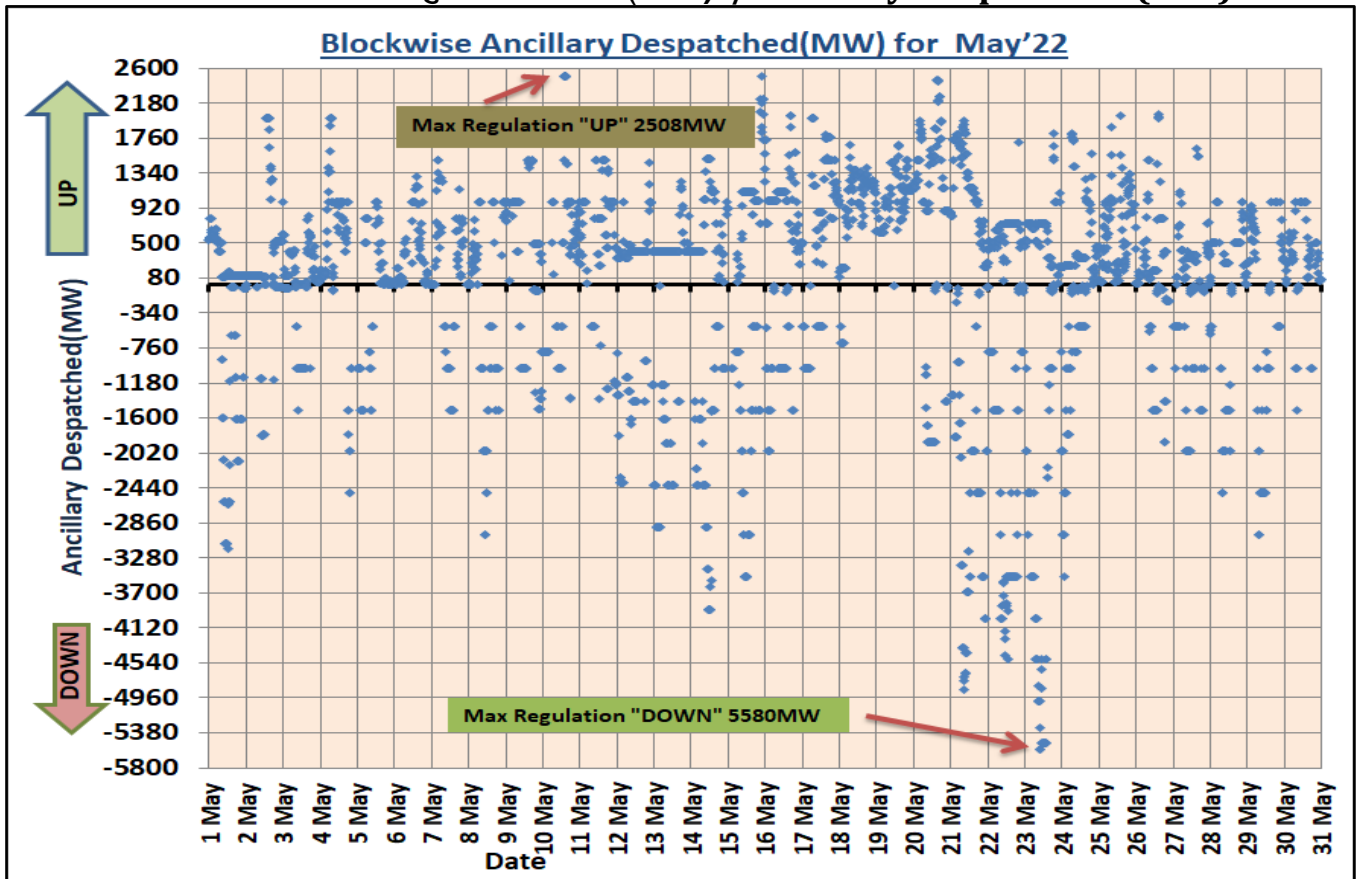
CONTENTS

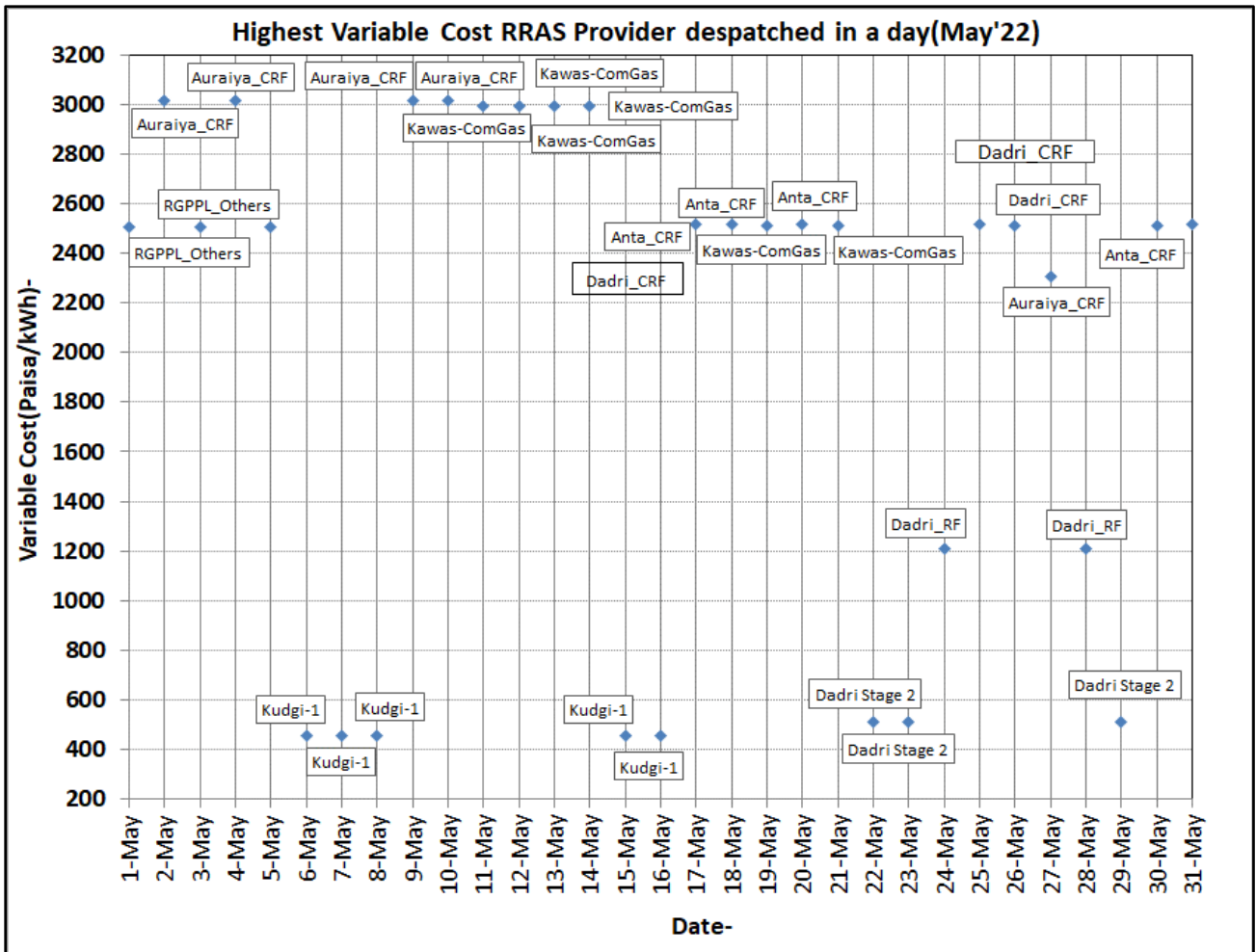
1.	मई--22 माह में आरक्षित का उपयोग Utilisation of reserves for May-22	2
2.	अनुषंगी सेवा प्रेषण Ancillary Despatched	2-3
3.	अनुषंगी सेवा में क्षेत्रवार भागीदारी Region wise participation in RRAS	3-4
4.	अनुषंगी सेवा में ऊर्जा प्रेषण का क्षेत्रवार विवरण Region wise energy despatch in Ancillary services	5-7
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	8-9
6	आरआरएस प्रदाता को विनियमन डाउन सेवा के लिए डीएसएम पूल में भुगतान Payments by the RRAS Provider(s) to the DSM Pool for Regulation DOWN	10-11
7	एजीसी प्रदाता को डीएसएम पूल से भुगतान Payment to the AGC Provider from the DSM Pool	12

Section-1: मई,22 माह में आरक्षित का उपयोग/ Utilisation of reserves for May'22

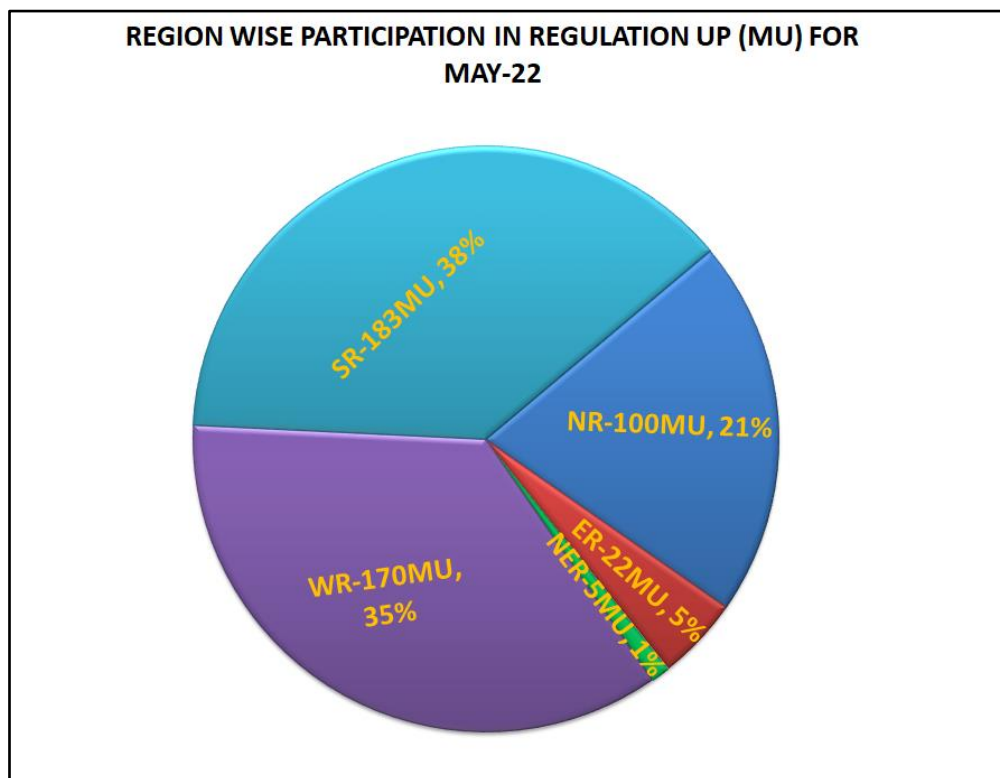


Section-2: अनुषंगी सेवा प्रेषण (MW) /Ancillary Despatched (MW)

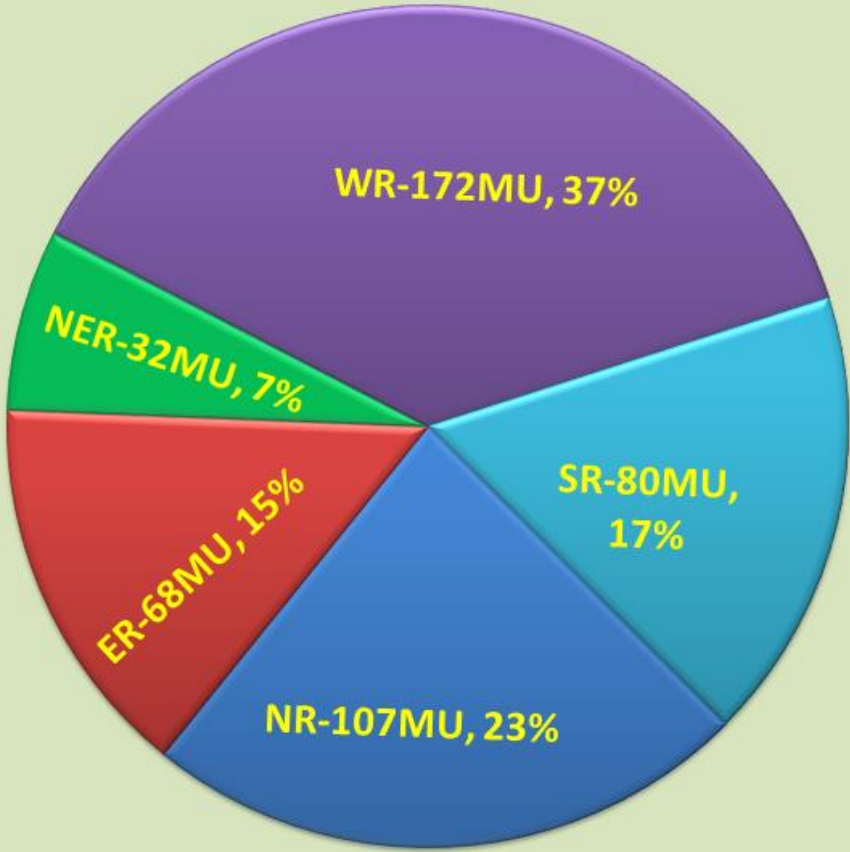




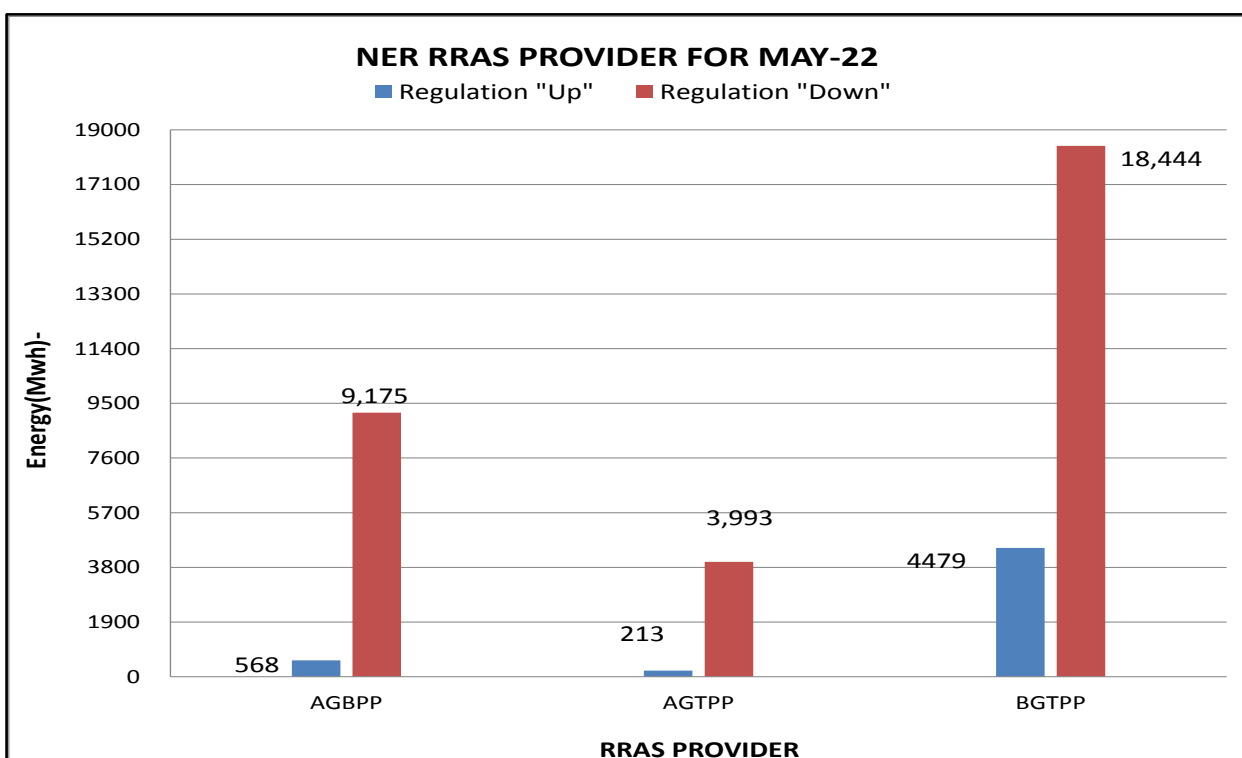
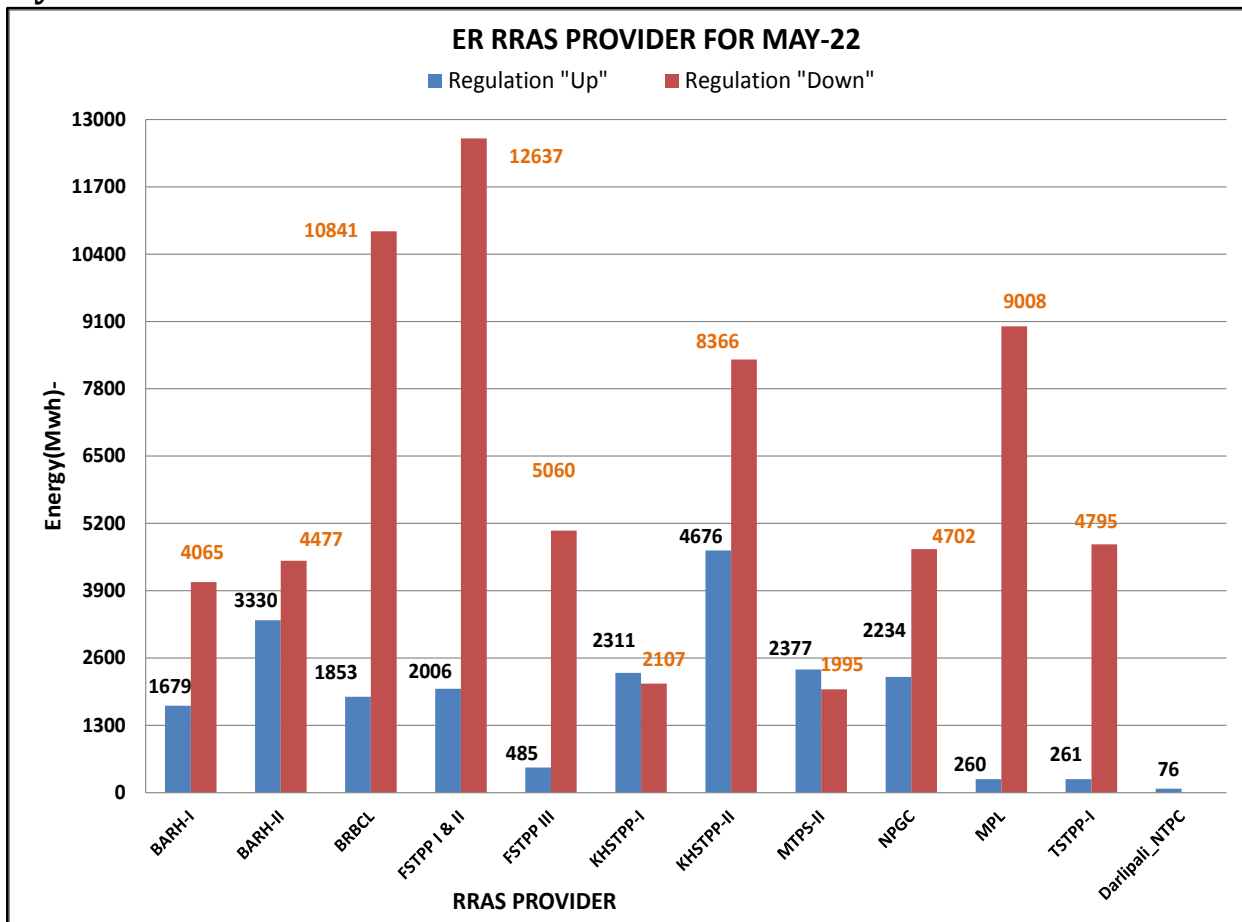
Section-3: अनुषंगी सेवा में क्षेत्रवार भागीदारी / Region wise participation in RRAS –

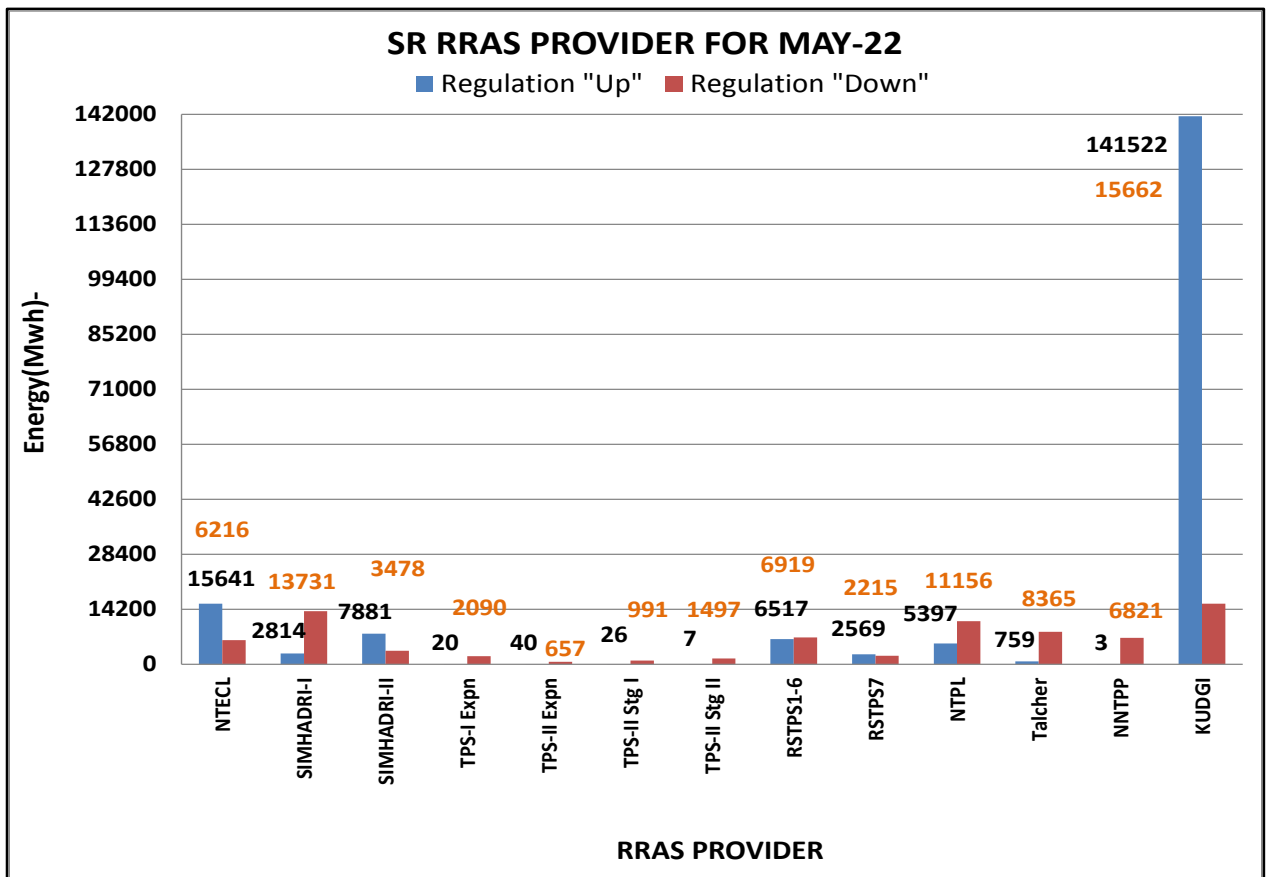
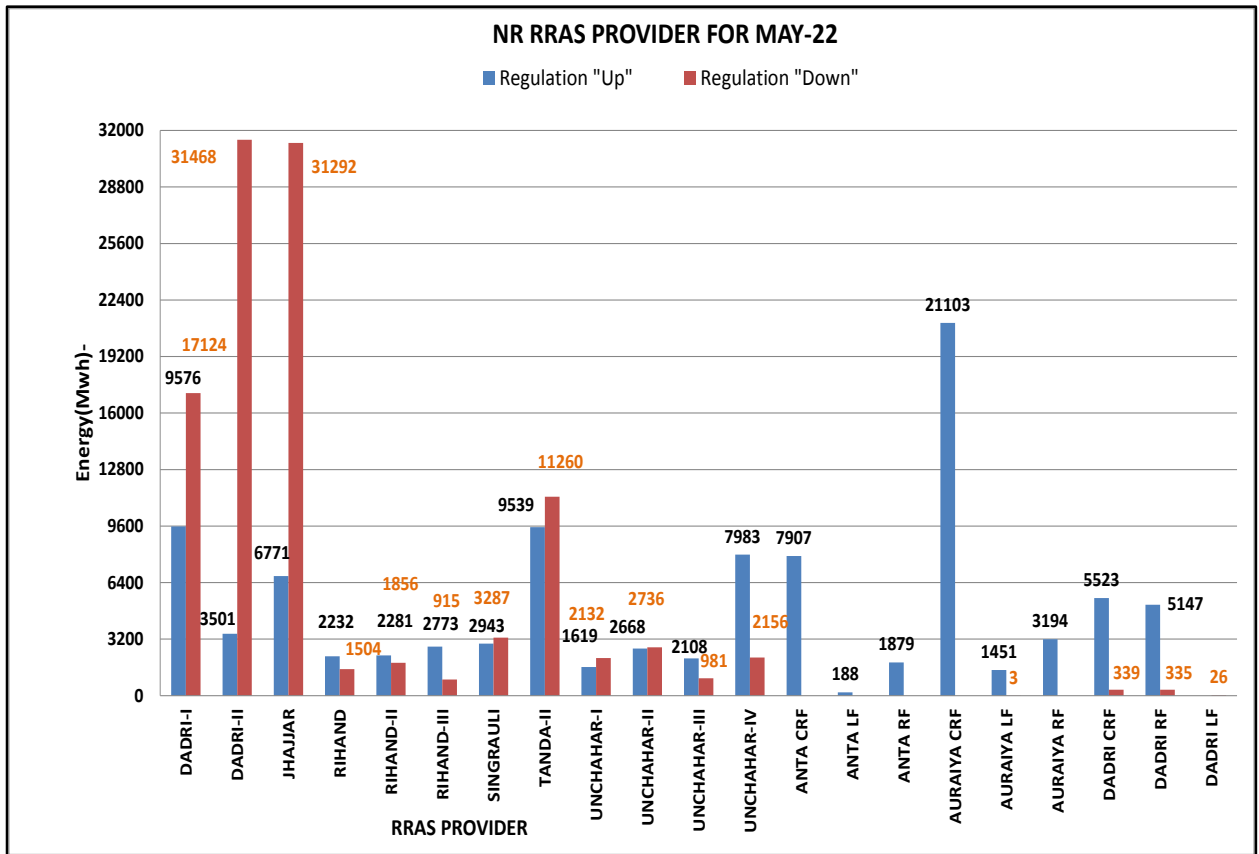


**REGION WISE PARTICIPATION IN REGULATION DOWN (MU) FOR
MAY-22**



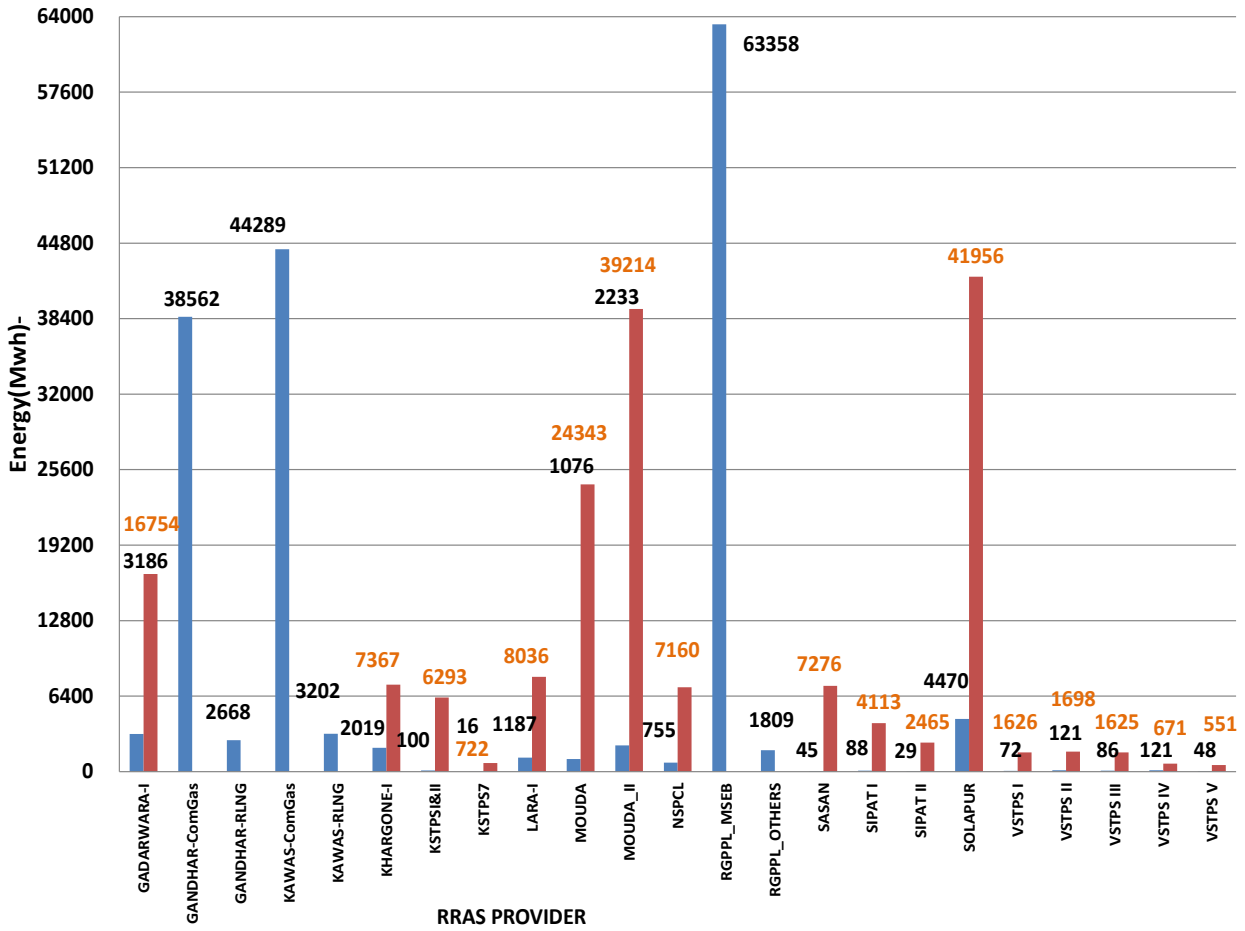
Section 4 : अनुषंगी सेवा में ऊर्जा प्रेषण का क्षेत्रवार विवरण /Region wise energy despatch in Ancillary services-





WR RRAS PROVIDER MAY-22

■ Regulation "Up" ■ Regulation "Down"



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 25/04/22 to 29/05/22-

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-I	1679	4069024	4511624	839320	9419968
2	ER	BARH-II	3330	6127977	9918998	1665212	17712187
3	ER	BRBCL	1853	4309736	4200749	926427	9436912
4	ER	FSTPP I & II	2006	1652989	6355470	1003028	9011487
5	ER	FSTPP III	485	723695	1513019	242525	2479239
6	ER	KHSTPP-I	2311	2422389	6498178	1155721	10076288
7	ER	KHSTPP-II	4676	5092420	12396732	2338118	19827270
8	ER	MTPS-II	2377	6498097	6399213	1188387	14085697
9	ER	NPGC	2234	5295712	4549761	1116768	10962241
10	ER	MPL	260	361735	653325	130216	1145276
11	ER	TSTPP-I	261	250728	463666	130724	845118
12	ER	Darlipali_NTPC	76	126520	82399	38063	246981
	ER	Total	21548	36931022	57543134	10774509	105248664
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)
13	NER	AGBPP	568	1018801	1959202	283921	3261923
14	NER	AGTPP	213	343560	676455	106263	1126276
15	NER	BGTPP	4479	10776883	15915301	2239302	28931493
	NER	Total	5260	12139244	18550958	2629486	33319692
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)
16	NR	DADRI-I TPS	9576	9317231	41070875	4787887	55175993
17	NR	DADRI-II TPS	3501	5031272	16098918	1750617	22880807
18	NR	IGSTPS-JHAJJAR	6771	10934654	23808699	3385341	38128694
19	NR	RIHAND STPS	2232	1883644	3068142	1115901	6067687
20	NR	RIHAND-II STPS	2281	1706292	3129913	1140376	5976581
21	NR	RIHAND-III STPS	2773	4001898	3743777	1386658	9132333
22	NR	SINGRAULI STPS	2943	1927555	4444218	1471416	7843189
23	NR	TANDA-II STPS	9539	14108446	26750233	4769543	45628222
24	NR	UNCHAHAAR-I TPS	1619	1749988	5451533	809427	8010948
25	NR	UNCHAHAAR-II TPS	2668	2793221	9063059	1333858	13190138
26	NR	UNCHAHAAR-III TPS	2108	2839033	7103280	1053837	10996150
27	NR	UNCHAHAAR-IV TPS	7983	12950468	25367867	3991328	42309663
28	NR	ANTA CRF	7907	5606204	216680211	3953600	226240015
29	NR	ANTA LF	188	132938	3722625	93750	3949313
30	NR	ANTA RF	1879	1331898	21293608	939279	23564785
31	NR	AURAIYA CRF	21103	13400529	576163968	10551598	600116095
32	NR	AURAIYA LF	1451	921515	24698342	725602	26345459
33	NR	AURAIYA RF	3194	2028428	36717198	1597187	40342813
34	NR	DADRI CRF	5523	3186766	113372168	2761497	119320431
35	NR	DADRI RF	5147	2969982	59554301	2573642	65097925
	NR	Total	100386	98821962	1221302935	50192344	1370317241

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)
36	SR	Vallur NTECL	15641	27762164	51809757	7820328	87392249
37	SR	Simhadri Stage I	2814	2650781	8522726	1406996	12580504
38	SR	Simhadri Stage II	7881	11544230	24099091	3940454	39583776
39	SR	TPS-I Expansion	20	19518	49230	10112	78862
40	SR	TPS-II Expansion	40	92885	104158	20114	217157
41	SR	TPS-II Stage I	26	18443	69308	12989	100741
42	SR	TPS-II Stage II	7	5067	18449	3441	26958
43	SR	RSTPS1-6	6517	4744154	19846182	3258348	27848684
44	SR	RSTPS7	2569	2093993	7674694	1284255	11052942
45	SR	NTPL	5397	8381002	20246466	2698326	31325794
46	SR	Talcher	759	541844	1309377	379442	2230663
47	SR	NNTPP	3	5561	6743	1541	13846
48	SR	KUDGI	141522	236058025	701990142	70760799	1008808966
	SR	Total	183196	293917667	835746323	91597145	1221261142
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)
49	WR	GADARWARA-I	3186	6617497	10449484	1592889	18659870
50	WR	GANDHAR-ComGas	38562	40841414	1509703432	19281189	1569826033
51	WR	GANDHAR-RLNG	2668	2825975	34864670	1334140	39024786
52	WR	KAWAS-ComGas	44289	38011465	1750068951	22144455	1810224869
53	WR	KAWAS-RLNG	3202	2705591	44384301	1601155	48691047
54	WR	KHARGONE-I	2019	3660278	7003724	1009621	11673620
55	WR	KSTPSI&II	100	72046	136205	49930	258181
56	WR	KSTPS7	16	21305	21027	7842	50175
57	WR	LARA-I	1187	1986990	2423278	593628	5003896
58	WR	MOUDA	1076	2019803	4237708	537755	6795263
59	WR	MOUDA_II	2233	3315563	8793809	1116427	13225799
60	WR	NSPCL	755	1285357	1826090	377381	3488827
61	WR	RGPPL_MSEB	63358	56388819	1445694329	31679112	1533762260
62	WR	RGPPL_OTHERS	1809	1610407	41509347	904724	44024477
63	WR	SASAN	45	7637	61551	22729	91916
64	WR	SIPAT I	88	116532	122684	44012	283226
65	WR	SIPAT II	29	35403	41735	14296	91435
66	WR	SOLAPUR	4470	7690020	19688143	2234821	29612986
67	WR	VSTPS I	72	64045	109074	35749	208866
68	WR	VSTPS II	121	84447	177304	60268	322018
69	WR	VSTPS III	86	90040	125669	43056	258765
70	WR	VSTPS IV	121	189174	174485	60435	424092
71	WR	VSTPS V	48	80702	71774	24138	176613
	WR	Total	169540	169720510	4881688774	84769752	5136179020
ALL INDIA		Total	479930	611530405	7014832124	239963236	7866325759

Section 6: आरआरएस प्रदाता को विनियमन डाउन सेवा के लिए डीएसएम पूल में भुगतान/Payments by the RRAS Provider(s) to the DSM Pool for Regulation DOWN from 25/04/2022 to 29/05/2022

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-I	4065	11290286	8467714
2	ER	BARH-II	4477	13130004	9847503
3	ER	BRBCL	10841	23692557	17769419
4	ER	FSTPP I & II	12637	42281007	31710754
5	ER	FSTPP-III	5060	16616961	12462721
6	ER	KHSTPP-I	2107	6522017	4891512
7	ER	KHSTPP-II	8366	24092350	18069264
8	ER	MPL	9008	22554869	16916152
9	ER	MTPS-II	1995	5664440	4248330
10	ER	NPGC	4702	9570842	7178131
11	ER	TSTPP-I	4795	8516716	6387537
	ER	Total	68053	183932049	137949037
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)
12	NER	AGBPP	9175	38460639	28845480
13	NER	AGTPP	3993	16908216	12681162
14	NER	BGTPP	18444	65502504	49126878
	NER	Total	31612	120871359	90653520
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)
15	NR	AURAIYA LF	3	62530	46898
16	NR	DADRI CRF	339	6947136	5210353
17	NR	DADRI LF	26	574335	430751
18	NR	DADRI RF	335	3721296	2790971
19	NR	DADRI TPS	17124	73199986	54899992
20	NR	DADRI-II TPS	31468	136897243	102672932
21	NR	IGSTPS-JHAJJAR	31292	111390402	83542800
22	NR	RIHAND STPS	1504	2053942	1540456
23	NR	RIHAND-II STPS	1856	2529292	1896969
24	NR	RIHAND-III STPS	915	1230416	922812
25	NR	SINGRAULI STPS	3287	4992535	3744400
26	NR	TANDA-II STPS	11260	31668129	23751097
27	NR	UNCHAHAR-I TPS	2132	7179399	5384550
28	NR	UNCHAHAR-II TPS	2736	9291066	6968299
29	NR	UNCHAHAR-III TPS	981	3305624	2479217
30	NR	UNCHAHAR-IV TPS	2156	6850948	5138211
	NR	Total	107414	401894279	301420708

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)
31	SR	Vallur	6216	19406207	14554656
32	SR	NNTPP	6821	14920370	11190277
33	SR	NTPL	11156	42784925	32088694
34	SR	RSTPS1-6	6919	21343523	16007642
35	SR	RSTPS7	2215	6730722	5048042
36	SR	SIMHADRI-I	13731	51815363	38861522
37	SR	SIMHADRI-II	3478	12991624	9743718
38	SR	TPS-I Expansion	2090	5090401	3817801
39	SR	TPS-II Expansion	657	1701232	1275924
40	SR	TPS-II Stage I	991	2650917	1988189
41	SR	TPS-II Stage II	1497	4008696	3006523
42	SR	Talcher	8365	14728596	11046447
43	SR	KUDGI	15662	73832964	55374723
	SR	Total	79798	272005540	204004158
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)
44	WR	MOUDA	24343	93321593	69991196
45	WR	MOUDA_II	39214	151640283	113730213
46	WR	GADARWARA-I	16754	53365036	40023778
47	WR	KHARGONE-I	7367	24992968	18744726
48	WR	KSTPS I&II	6293	8564930	6423697
49	WR	KSTPS7	722	960346	720260
50	WR	LARA-I	8036	16681762	12511322
51	WR	NSPCL	7160	17221073	12915805
52	WR	SASAN	7276	9865697	7399273
53	WR	SIPAT I	4113	5745508	4309131
54	WR	SIPAT II	2465	3557421	2668066
55	WR	SOLAPUR	41956	169941309	127455983
56	WR	VSTPS I	1626	2479885	1859914
57	WR	VSTPS II	1698	2494127	1870595
58	WR	VSTPS III	1625	2367403	1775552
59	WR	VSTPS IV	671	964938	723703
60	WR	VSTPS V	551	817272	612954
	WR	Total	171870	564981551	423736168
ALL INDIA		Total	458747	1543684778	1157763591

Section 7: एजीसी प्रदाता को डीएसएम पूल से भुगतान/Payment to the AGC Provider from the DSM Pool from 25/04/22 to 29/05/22-

Sr. No.	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)
1	CHAMERA HEP	NR	0	0	0	0	0	0
2	CHAMERA-II HEP	NR	2	342	-340	-341649	172050	-169599
3	CHAMERA-III HEP	NR	623	2178	-1555	-3062638	1400463	-1662176
4	DADRI-II TPS	NR	0	0	0	0	0	0
5	KOTESHWAR	NR	1660	567	1093	2431804	1113832	3545636
6	NATHPA JHAKRI HEP	NR	347	499	-152	-177278	423424	246145
7	RIHAND STPS	NR	283	16311	-16028	-22137416	8296944	-13840472
8	RIHAND-II STPS	NR	137	26000	-25863	-35699335	13068091	-22631244
9	RIHAND-III STPS	NR	41	22843	-22802	-31066805	11441793	-19625012
10	DULHASTI HEP	NR	0	0	0	0	0	0
11	RAMPUR HEP	NR	94	135	-41	-85549	114324	28774
12	TEHRI HEP	NR	27	450	-423	-710915	238229	-472687
13	DHAULIGANGA HEP	NR	0	0	0	0	0	0
14	BAIRASIUL HEP	NR	0	0	0	0	0	0
15	UNCHAHAAR-III TPS	NR	494	2957	-2463	-8286288	1725767	-6560521
16	UNCHAHAAR-IV TPS	NR	609	2533	-1924	-6092814	1571286	-4521527
17	SINGRAULI STPS	NR	559	18396	-17837	-26616612	9477513	-17139100
18	IGSTPS-JHAJJAR	NR	7185	19667	-12482	-44539026	13425659	-31113367
19	UNCHAHAAR-II TPS	NR	2965	8800	-5835	-19774975	5882455	-13892519
20	TANDA-II STPS	NR	1550	14842	-13293	-36931853	8195857	-28735995
21	Simhadri St-II	SR	155	1645	-1490	-5273939	899972	-4373967
22	RSTPS1-6	SR	2968	19381	-16413	-50123635	11174551	-38949084
23	RSTPS7	SR	1517	6692	-5175	-15524225	4104652	-11419573
24	NTECL	SR	4334	20650	-16316	-53520959	12491781	-41029178
25	NTPL	SR	0	0	0	0	0	0
26	Simhadri St-I	SR	2787	12739	-9952	-30889661	7763059	-23126602
27	KUDGI	SR	14861	10417	4444	21533480	12639075	34172555
28	Mouda-II	WR	9337	10573	-1237	-4153412	9955048	5801637
29	CGPL	WR	0	0	0	0	0	0
30	SIPAT II	WR	45	20651	-20606	-30701129	10348166	-20352963
31	VSTPS II	WR	1020	11290	-10270	-15232451	6155216	-9077233
32	KSTPS I&II	WR	2513	9590	-7077	-9662812	6051835	-3610977
33	KSTPS7	WR	638	4821	-4183	-5589550	2729852	-2859699
34	SIPAT I	WR	134	19885	-19751	-27318261	10009492	-17308770
35	VSTPS IV	WR	132	16928	-16796	-24460446	8530057	-15930391
36	VSTPS III	WR	1035	16583	-15548	-22946735	8808845	-14137892
37	VSTPS V	WR	529	7324	-6795	-10215281	3926843	-6288437
38	SOLAPUR	WR	8734	9036	-303	-988758	8884958	7896200
39	NSPCL	WR	542	7403	-6861	-16598984	3972630	-12626355
40	GANDHAR-APM	WR	0	0	0	0	0	0
41	GANDHAR-NAPM	WR	0	0	0	0	0	0
42	GANDHAR-ComGas	WR	0	0	0	0	0	0
43	GANDHAR-RLNG	WR	0	0	0	0	0	0
44	Mouda	WR	6179	7685	-1505	-5520087	6931981	1411894
45	Gadarwara-I	WR	7967	14392	-6425	-20350939	11179639	-9171300
46	LARA-I	WR	1804	31453	-29649	-58921799	16628396	-42293403
47	Barh	ER	3852	14321	-10469	-31188929	9086675	-22102254
48	KHSTPP-II	ER	2807	21930	-19123	-50484333	12368558	-38115775
49	MPL	ER	1686	29485	-27799	-68697337	15585181	-53112156
50	MTPS-II	ER	319	3203	-2884	-7830681	1761128	-6069553
51	NPGC	ER	3723	16962	-13239	-26942505	10342261	-16600244
52	Teesta-V	ER	247	553	-307	-356826	400008	43182
53	FSTPP I & II	ER	2480	7136	-4657	-14915548	4808067	-10107481
54	FSTPP-III	ER	2276	6365	-4089	-12639136	4320107	-8319029
55	Bongaigaon	NER	223	910	-687	-2449845	576158	-1873687
56	Loktak	NER	0	0	0	0	0	0
	Total	All India	101418	496526	-395107	-835056072	298981878	-536074199