

ग्रिड कंट्रोलर ऑफ़ इंडिया लिमिटेड



GRID CONTROLLER OF INDIA LIMITED (A Govt. of India Enterprise)

पंजीकृत एवं केंद्रीय कार्यालय: बी-09, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016
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संदर्भ संख्या: ग्रिड-इंडिया/एनएलडीसी/2022/

दिनांक: 23rd जून 2023

सेवा मे,

वितरण सूची के अनुसार

विषय: मई 2023 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 2023 माह की रिपोर्ट।

सादर धन्यवाद,

भवदीय

Sd/-

(समीर चन्द्र सक्सेना)

कार्यपालक निदेशक / रा. भा. प्रे. के

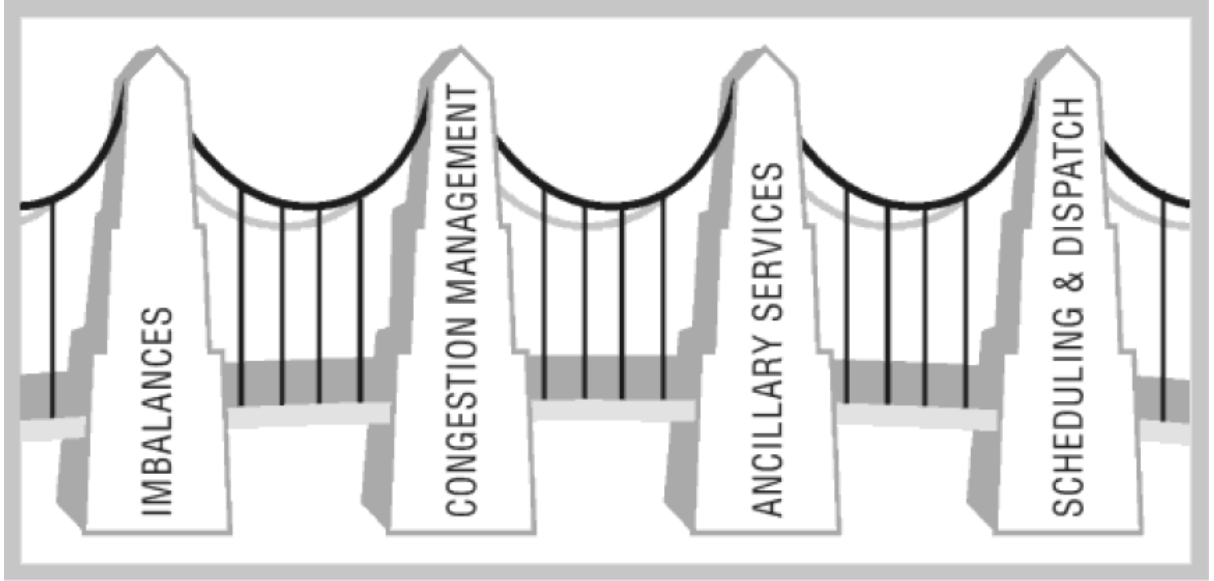


ग्रिड-इंडिया
GRID-INDIA

ग्रिड कंट्रोलर ऑफ़ इंडिया लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



आर.आर.ए.एस प्रक्रिया की
मई-2023 माह के लिए कार्यान्वयन रिपोर्ट

IMPLEMENTATION OF THE RRAS MECHANISM
REPORT FOR THE MONTH OF MAY 2023

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Section-1: मई, 23 माह में अनुषंगी सेवा प्रेषण का सारांश / Summary of Ancillary Services Despatched for May'23

RRAS Details	Total	Average (₹ per unit)
Regulation Up		
Energy scheduled	443	--
Fixed charges paid	₹ 84 Crores	₹1.90
Variable charges paid	₹ 437 Crores	₹9.86
Mark up paid	₹ 22 Crores	₹0.50
Total paid for RRAS Up	₹ 543 Crores	₹12.27
Regulation Down		
Energy scheduled	1383	--
Variable charges retained by RRAS providers	₹ 138 Crores	₹1.00
Variable Charges refunded to DSM Pool	₹ 415 Crores	₹3.00

AGC Up Energy (MU)	AGC Down Energy (MU)	Variable charges (Rs)	Mark up Charges as per CERC order (Rs)	Total Charges (Rs)	Total Charges (Rs/Unit) (A+B+C)
314	543	-11.21	36.58	25.37	-0.11

Ratio of Ancillary Despatched as a percentage of the All India energy on a daily basis

Date	Energy Met (All India) (MU)	Ancillary Despatched (Up) (MU)	Ancillary Despatched (Down) (MU)	Ancillary Despatched (MU)	Ratio (Ancillary/All India Energy)
01-05-2023	3605	0.3	-56.91825	57.21825	1.59%
02-05-2023	3707	3.3855	-27.7615	31.147	0.84%
03-05-2023	3804	0.25	-19.22975	19.47975	0.51%
04-05-2023	3851	6.092	-12.59125	18.68325	0.49%
05-05-2023	4003	10.6645	-17.2665	27.931	0.70%
06-05-2023	4109	10.6855	-28.70575	39.39125	0.96%
07-05-2023	3998	0.3375	-33.25575	33.59325	0.84%
08-05-2023	4235	3.826	-17.39025	21.21625	0.50%
09-05-2023	4376	14.473	-26.534	41.007	0.94%
10-05-2023	4406	17.9775	-43.54	61.5175	1.40%
11-05-2023	4508	18.3695	-47.19025	65.55975	1.45%
12-05-2023	4581	20.73725	-71.174	91.91125	2.01%
13-05-2023	4619	1.9945	-41.72525	43.71975	0.95%
14-05-2023	4433	3.44425	-66.906	70.35025	1.59%
15-05-2023	4596	11.58325	-43.26525	54.8485	1.19%
16-05-2023	4669	8.8085	-28.549	37.3575	0.80%
17-05-2023	4777	20.88375	-22.238	43.12175	0.90%
18-05-2023	4585	37.16575	-53.065	90.23075	1.97%
19-05-2023	4753	35.608	-26.35325	61.96125	1.30%
20-05-2023	4788	40.8105	-64.00825	104.81875	2.19%
21-05-2023	4602	2.41775	-46.17625	48.594	1.06%
22-05-2023	4735	28.2835	-49.12275	77.40625	1.63%
23-05-2023	4799	39.76725	-36.718	76.48525	1.59%
24-05-2023	4589	43.86725	-91.24175	135.109	2.94%
25-05-2023	4448	2.282	-67.35875	69.64075	1.57%
26-05-2023	4294	2.1475	-68.175	70.3225	1.64%
27-05-2023	4296	3.78	-32.625	36.405	0.85%
28-05-2023	4218	14.35675	-16.3505	30.70725	0.73%
29-05-2023	4357	12.27475	-3.232	15.50675	0.36%
30-05-2023	4382	31.05825	-27.21	58.26825	1.33%
31-05-2023	4441	44.80925	-64.11525	108.9245	2.45%

Average Ancillary Despatched Up / Down for the month

Date	Avg Up (MW)	Avg Down (MW)
01-05-2023	12.50	2371.59
02-05-2023	141.06	1156.73
03-05-2023	10.42	801.24
04-05-2023	253.83	524.64
05-05-2023	444.35	719.44
06-05-2023	445.23	1196.07
07-05-2023	14.06	1385.66
08-05-2023	159.42	724.59
09-05-2023	603.04	1105.58
10-05-2023	749.06	1814.17
11-05-2023	765.40	1966.26
12-05-2023	864.05	2965.58
13-05-2023	83.10	1738.55
14-05-2023	143.51	2787.75
15-05-2023	482.64	1802.72
16-05-2023	367.02	1189.54
17-05-2023	870.16	926.58
18-05-2023	1548.57	2211.04
19-05-2023	1483.67	1098.05
20-05-2023	1700.44	2667.01
21-05-2023	100.74	1924.01
22-05-2023	1178.48	2046.78
23-05-2023	1656.97	1529.92
24-05-2023	1827.80	3801.74
25-05-2023	95.08	2806.61
26-05-2023	89.48	2840.63
27-05-2023	157.50	1359.38
28-05-2023	598.20	681.27
29-05-2023	511.45	134.67
30-05-2023	1294.09	1133.75
31-05-2023	1867.05	2671.47

RRAS Region Wise Summary

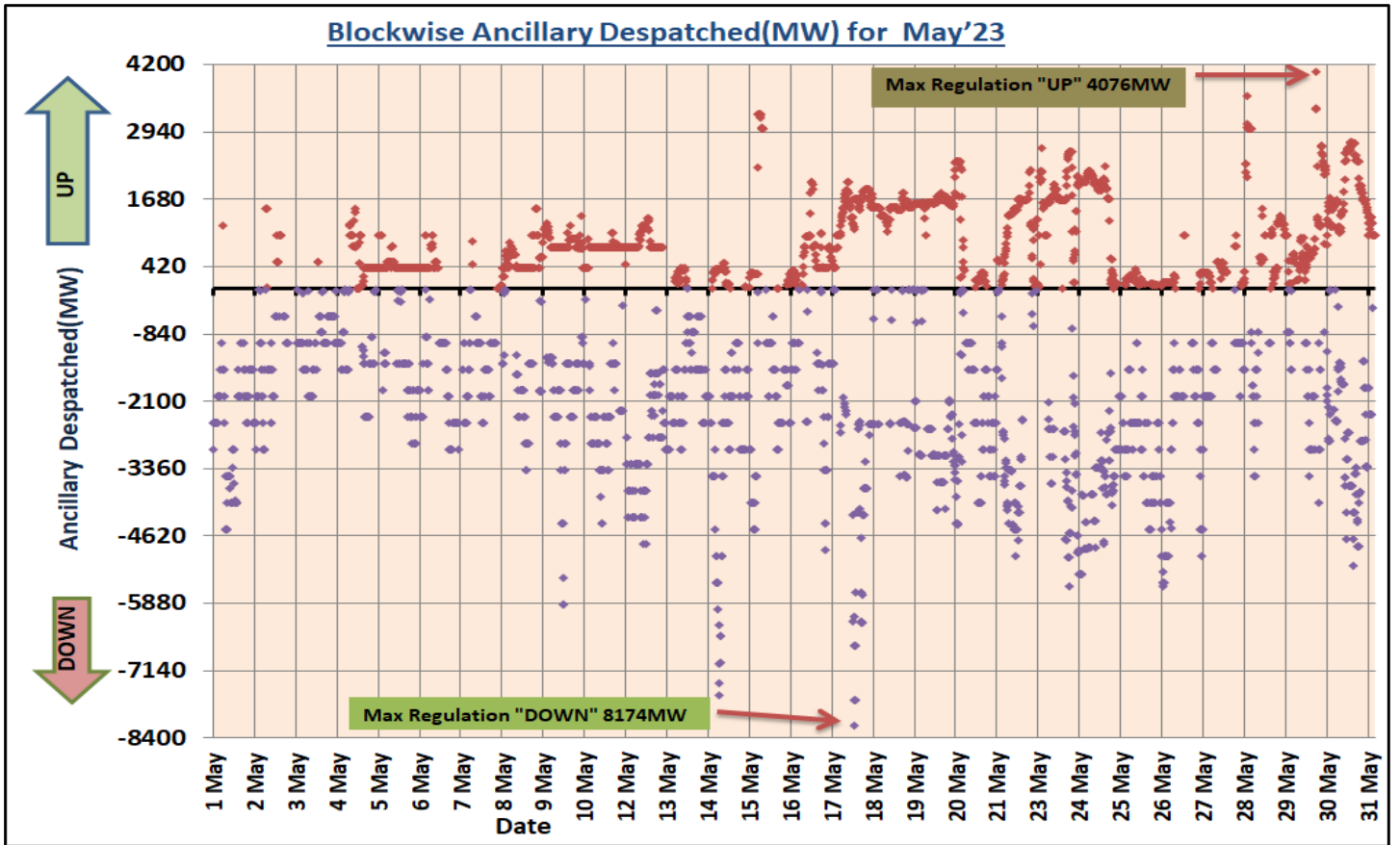
Region	Energy scheduled to VAE under RRAS (MU)	Average Fixed Charges (Rs/Unit) (A)	Average Variable Charges (Rs/Unit) (B)	Markup as per CERC Order (Rs/Unit) (C)	Total Charges (Rs/Unit) (A+B+C)
ER	24	1.54	3.13	0.50	5.16
NER	1	2.35	3.79	0.50	6.64
NR	99	0.80	9.67	0.50	10.98
SR	6	1.15	3.70	0.50	5.35
WR	313	2.29	10.58	0.50	13.37
All India	443	1.90	9.86	0.50	12.27

Region	Energy scheduled from VAE under RRAS (MU)	Average Variable Charge for Regulation down (Rs/Unit)	Average Variable charge to be paid to the DSM Pool (Rs/Unit)	Average Variable retained by RRAS provider (Rs/Unit)
ER	241	3.06	2.30	0.77
NER	67	4.20	3.15	1.05
NR	162	4.17	3.12	1.04
SR	469	4.53	3.40	1.13
WR	444	3.88	2.91	0.97
All India	1383	4.00	3.00	1.00

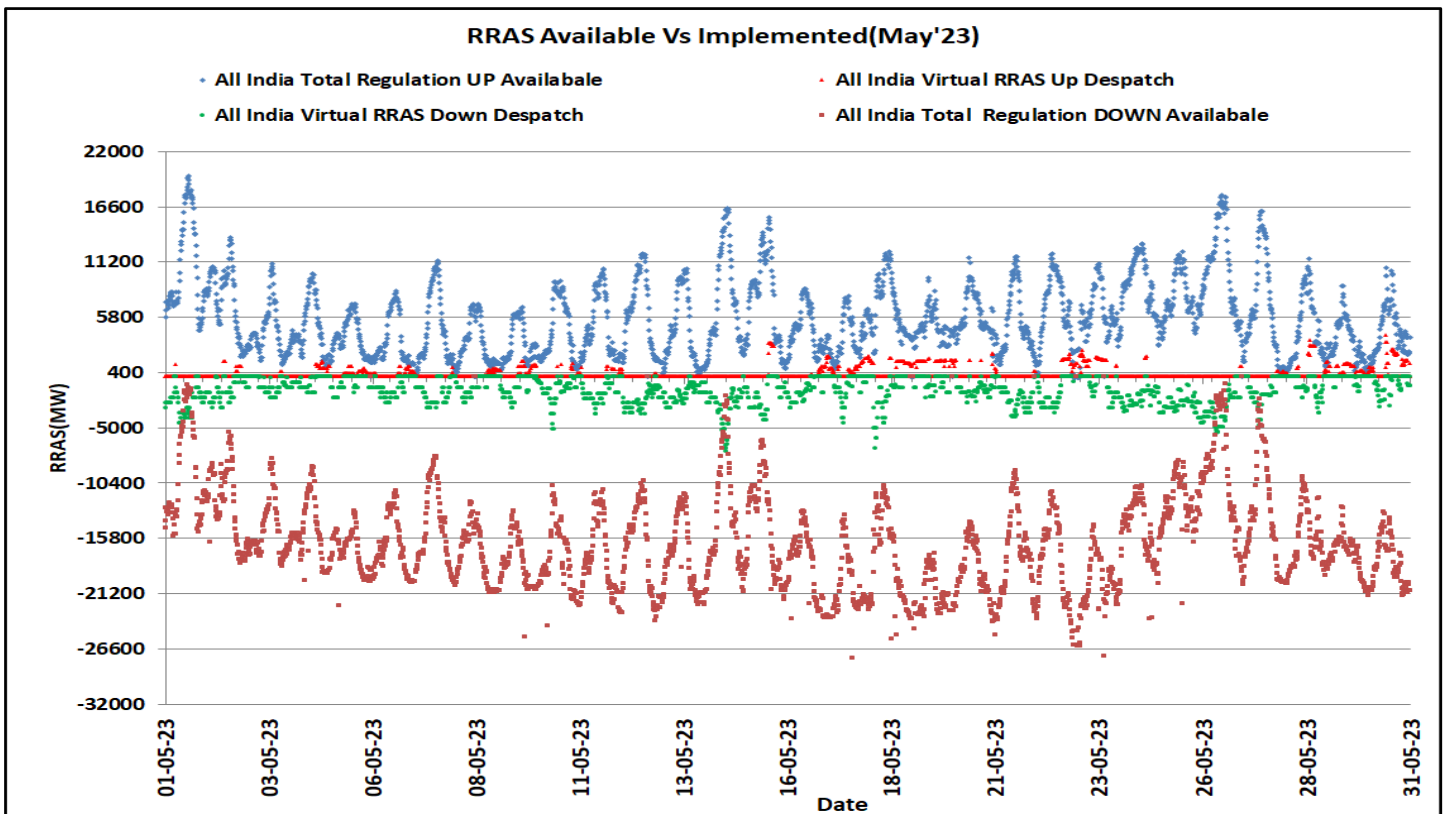
AGC Region Wise Summary

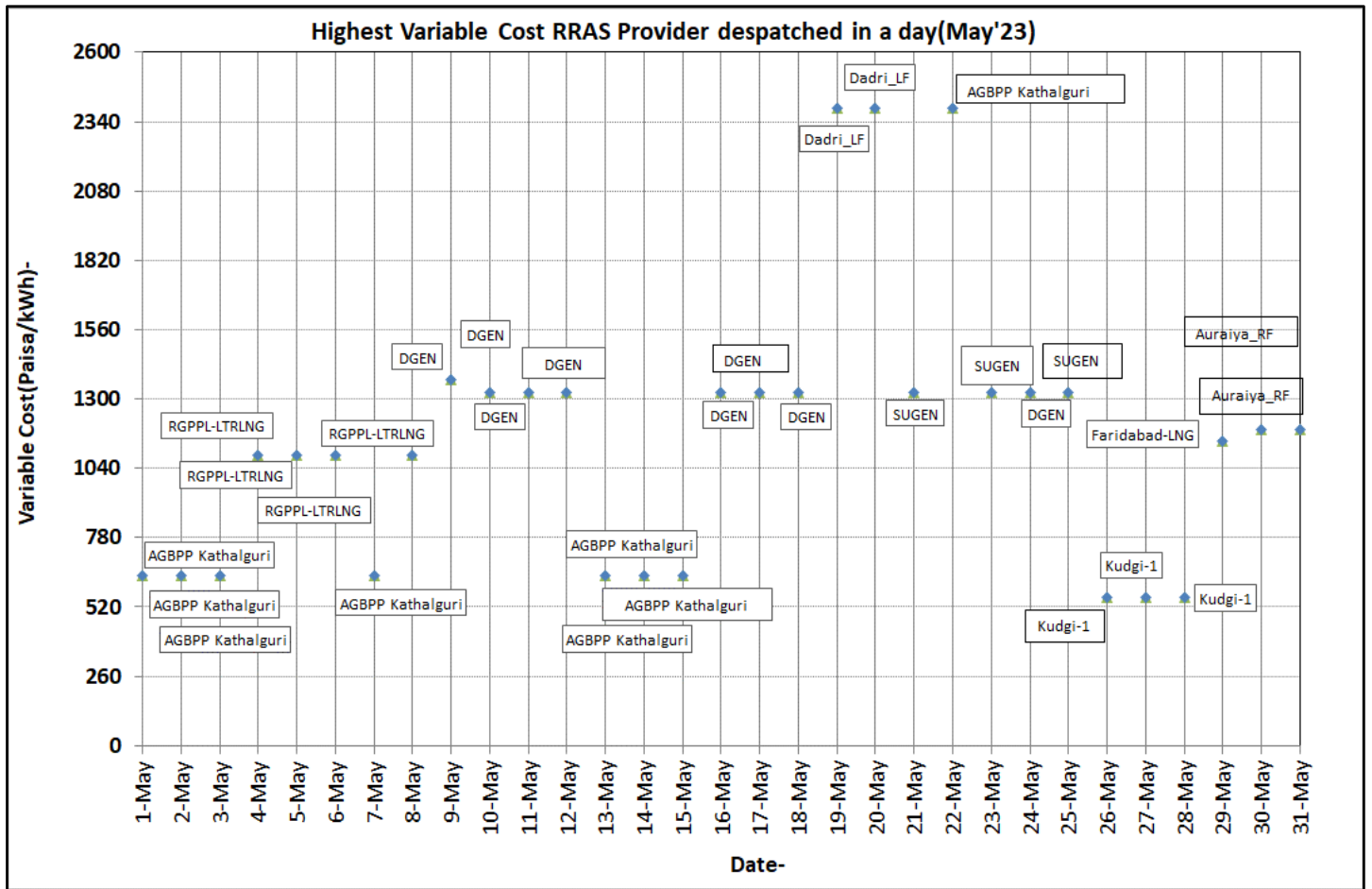
Region	Up Regulation (MU)	Down Regulation (MU)	Net Energy (MU)	Absolute Value (MU)	Average Variable Charges (Rs/Unit)
NR	87.54	116.10	-28.56	203.64	-3.09
SR	69.15	76.24	-7.09	145.38	-9.17
WR	89.88	203.55	-113.66	293.43	0.31
ER	57.67	137.80	-80.13	195.47	2.47
NER	9.50	9.41	0.09	18.92	0.00
All India	314	543.10	-229.35	856.84	0.35

Section-2: मई, 23 माह में आरक्षित का उपयोग/ Utilisation of reserves for May'23

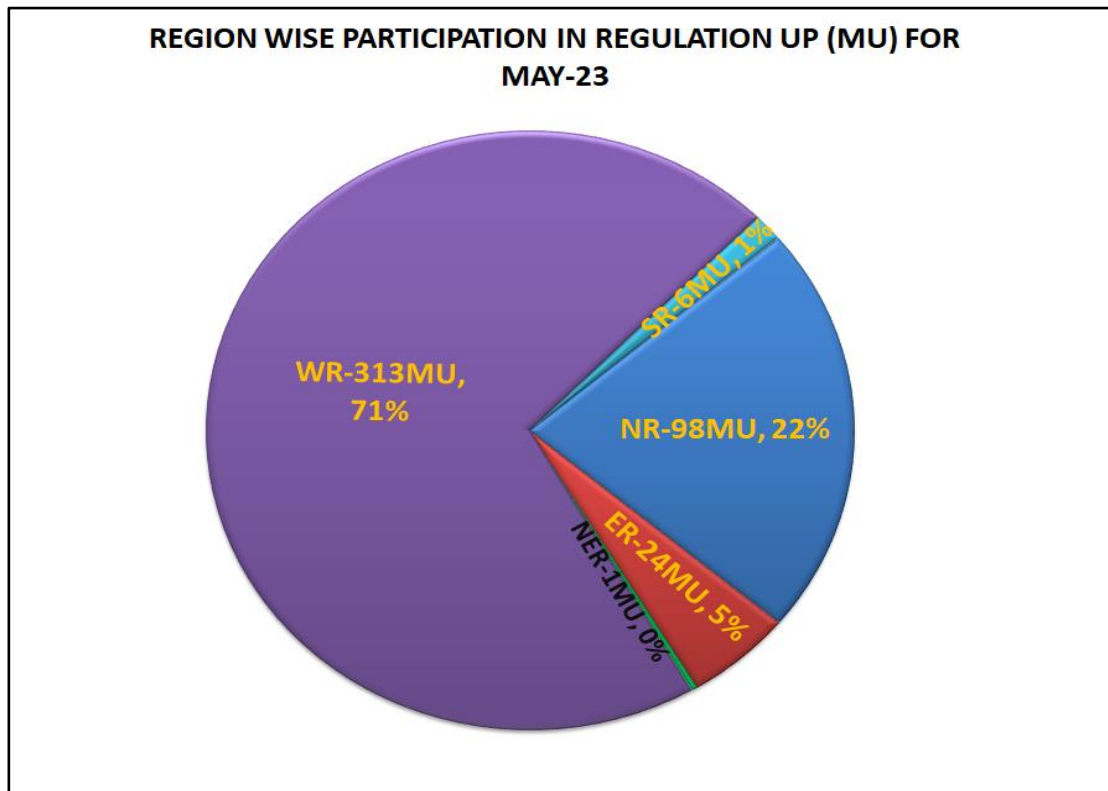


Section-3: अनुषंगी सेवा प्रेषण (MW) /Ancillary Dispatched (MW)

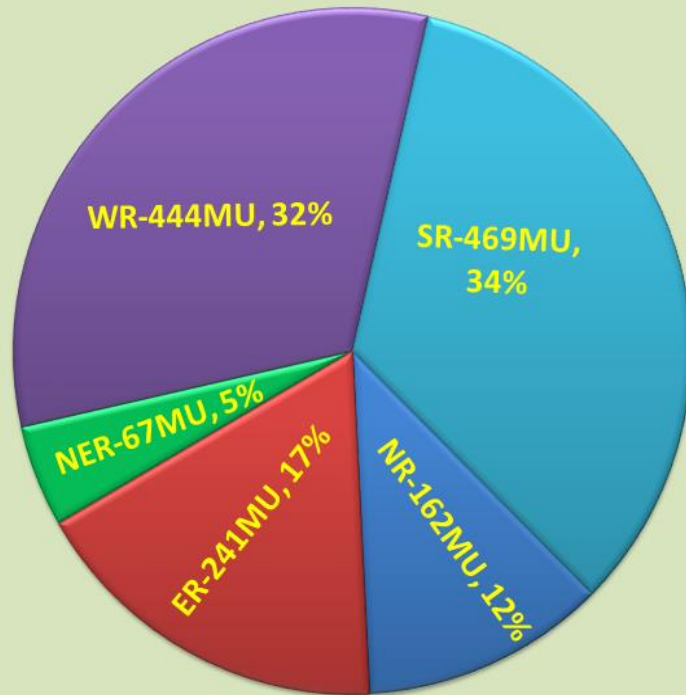




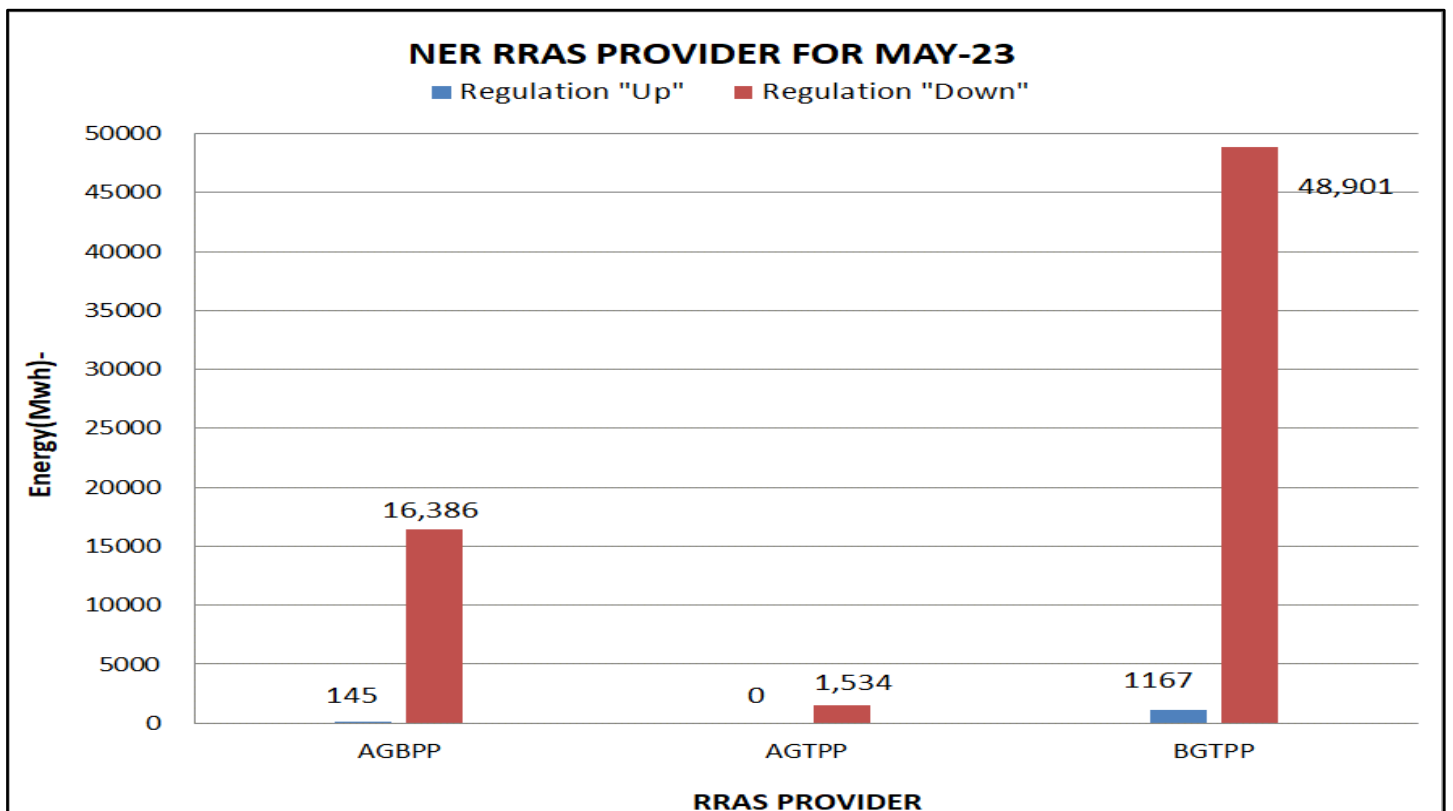
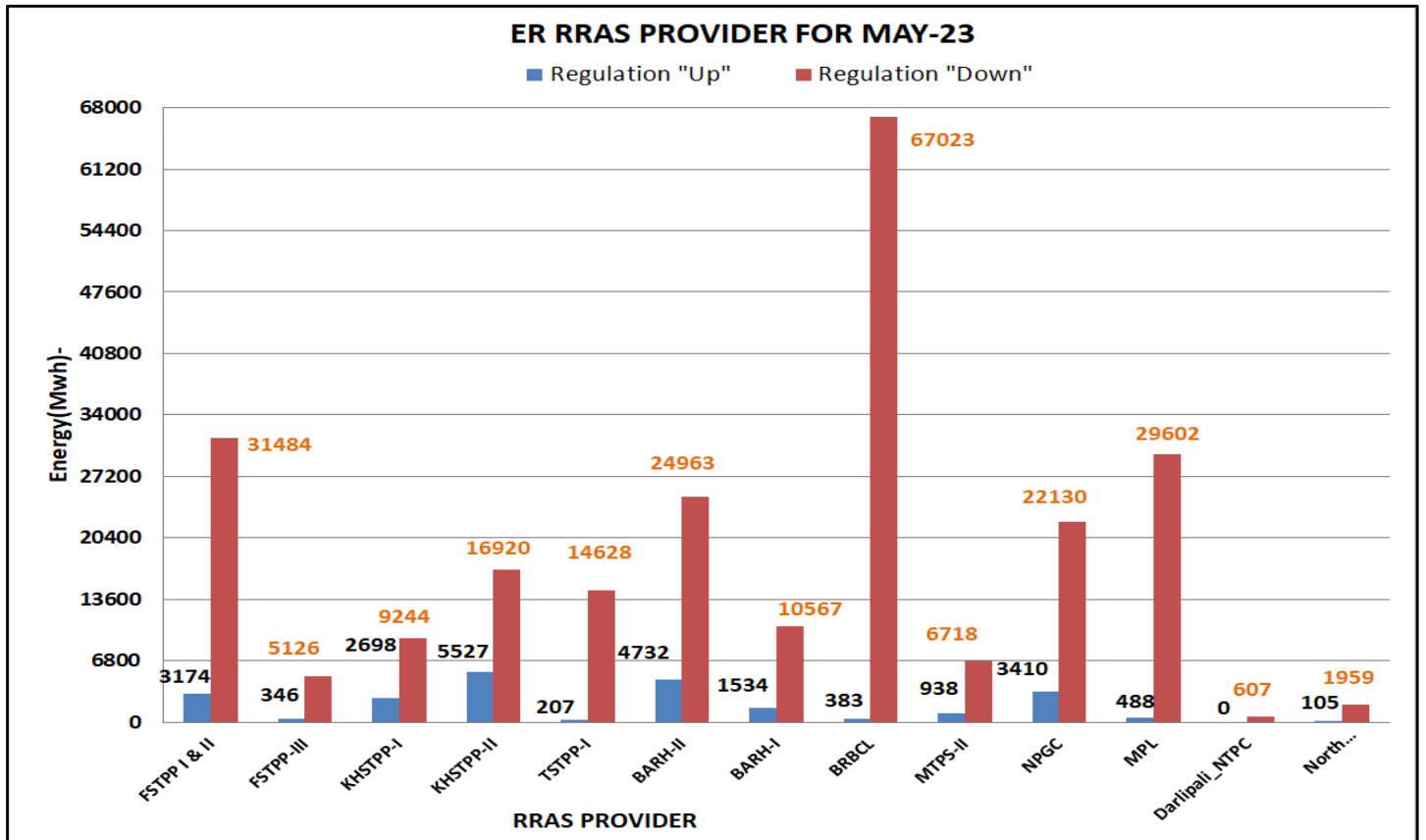
Section-4: अनुषंगी सेवा में क्षेत्रवार भागीदारी / Region wise participation in RRAS –

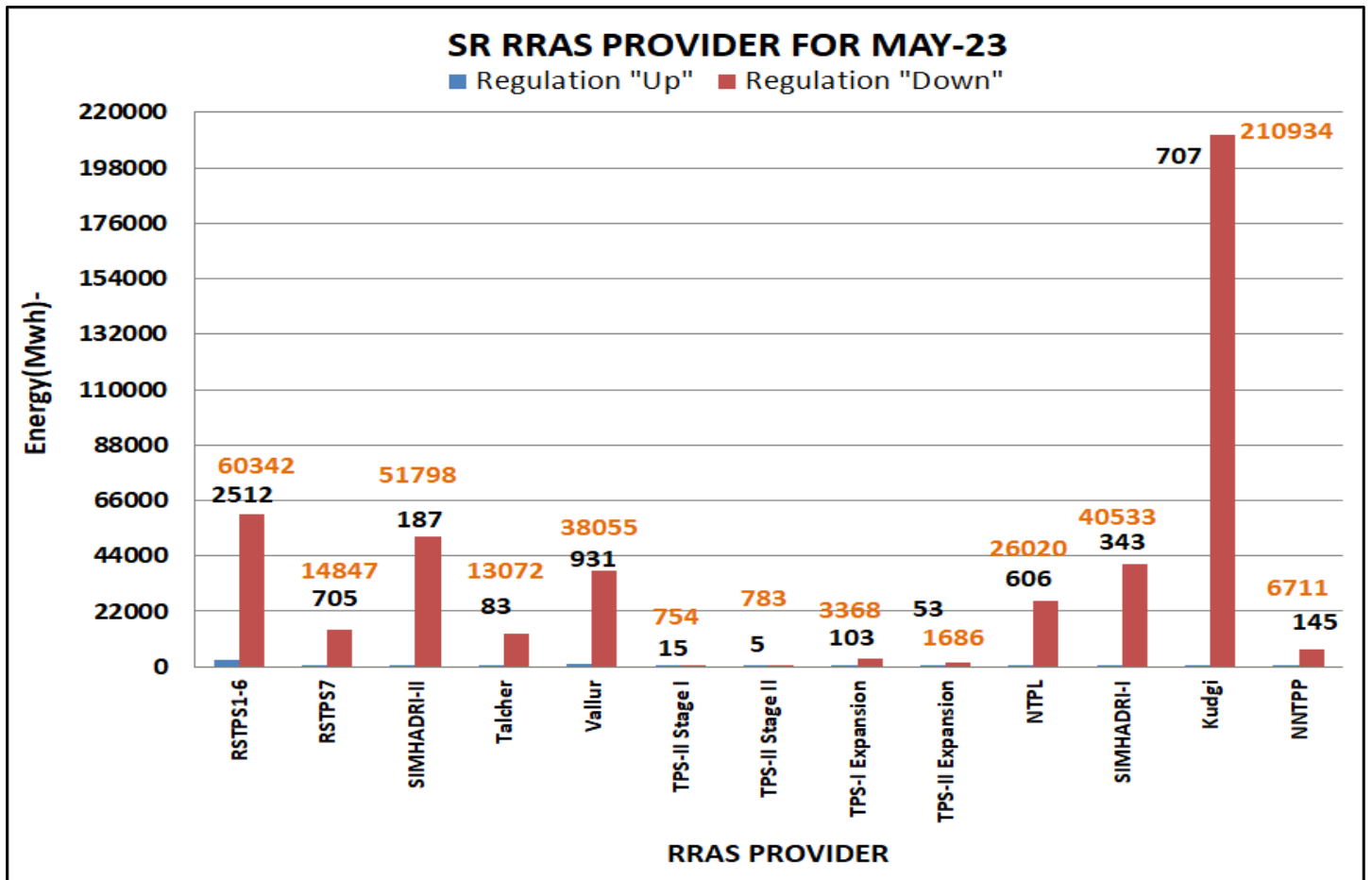
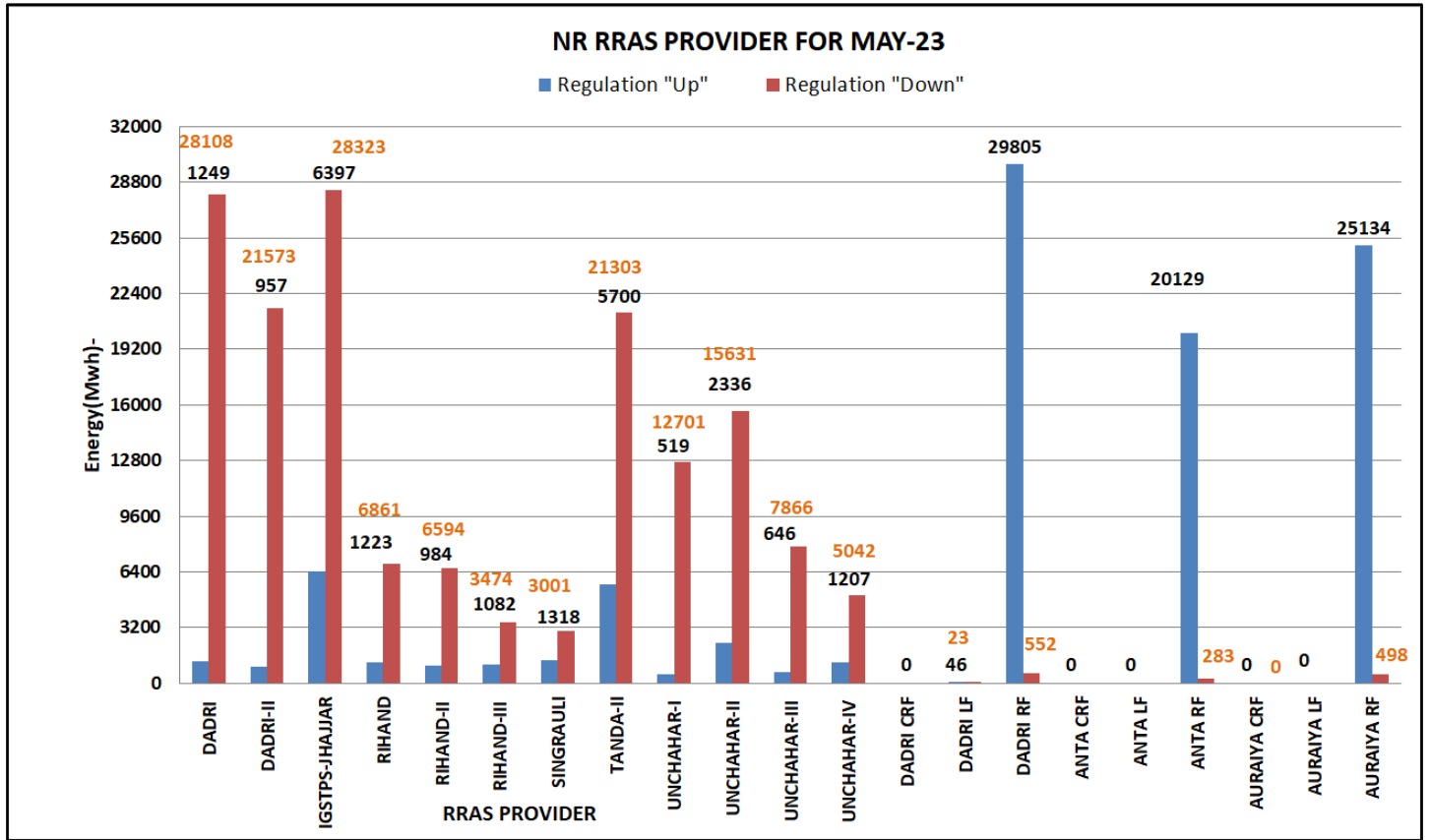


**REGION WISE PARTICIPATION IN REGULATION DOWN (MU) FOR
MAY-23**

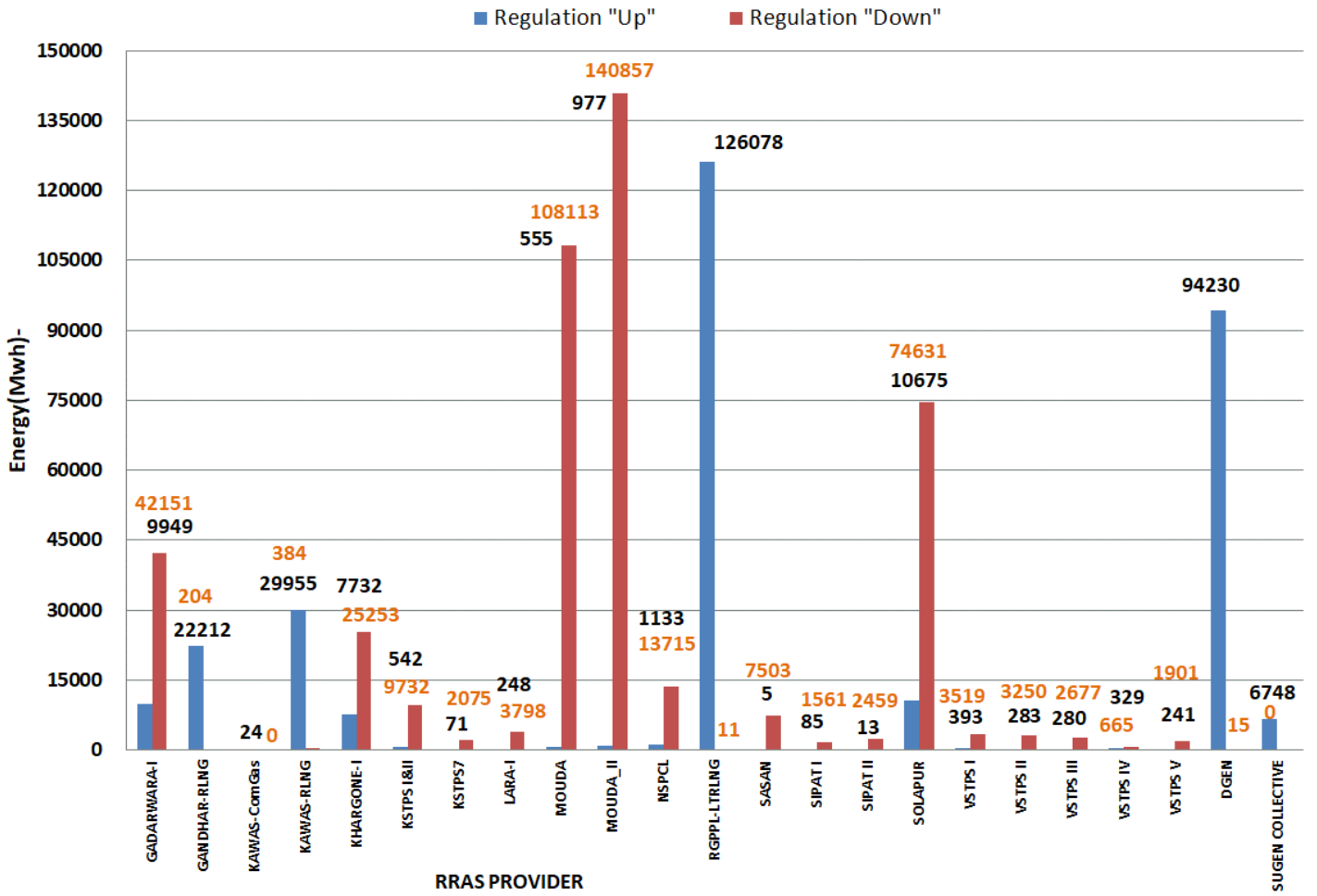


Section 5: अनुषंगी सेवा में ऊर्जा प्रेषण का क्षेत्रवार विवरण /Region wise energy despatch in Ancillary services-





WR RRAS PROVIDER MAY-23



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 24/04/23 to 28/05/23-

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	FSTPP I & II	3174	2587355	10640282	1586816	14814453
2	ER	FSTPP-III	346	514940	1123980	172761	1811681
3	ER	KHSTPP-I	2698	2825660	9064352	1348817	13238829
4	ER	KHSTPP-II	5527	5841724	17601657	2763463	26206844
5	ER	TSTPP-I	207	198464	344159	103548	646171
6	ER	BARH-II	4732	8698746	16264774	2365774	27329294
7	ER	BARH-I	1534	3718407	4608368	767043	9093818
8	ER	BRBCL	383	890626	1256376	191450	2338452
9	ER	MTPS-II	938	2563283	2576314	468779	5608376
10	ER	NPGC	3410	7409170	8594170	1705190	17708530
11	ER	MPL	488	668787	1343767	244084	2256638
12	ER	Darlipali_NTPC	0	0	0	0	0
13	ER	North Karanpura STPS	105	291113	168993	52548	512654
	ER	Total	23541	36208275	73587192	11770273	121565740
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	NER	AGBPP	145	272875	829391	72697	1174962
15	NER	AGTPP	0	0	0	0	0
16	NER	BGTPP	1167	2807425	4147324	583350	7538096
	NER	Total	1312	3080300	4976715	656047	8713058
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)
17	NR	DADRI TPS	1249	1215347	6395138	624538	8235023
18	NR	DADRI-II TPS	957	1238600	4802736	478680	6520016
19	NR	IGSTPS-JHAJJAR	6397	9979706	27015711	3198623	40194040
20	NR	RIHAND STPS	1223	1032094	1976052	611432	3619578

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)
21	NR	RIHAND-II STPS	984	757545	1599225	491873	2848643
22	NR	RIHAND-III STPS	1082	1561131	1749375	540933	3851439
23	NR	SINGRAULI STPS	1318	870156	1954310	659208	3483674
24	NR	TANDA-II STPS	5700	8373547	21353090	2850081	32576718
25	NR	UNCHAHAR-I TPS	519	533356	2362907	259331	3155594
26	NR	UNCHAHAR-II TPS	2336	2577766	8448617	1167762	12194145
27	NR	UNCHAHAR-III TPS	646	773154	2976590	322757	4072501
28	NR	UNCHAHAR-IV TPS	1207	2028759	5148661	603513	7780933
29	NR	DADRI CRF	0	0	0	0	0
30	NR	DADRI LF	46	23717	1099825	23026	1146568
31	NR	DADRI RF	29805	15349820	336384590	14902738	366637148
32	NR	ANTA CRF	0	0	0	0	0
33	NR	ANTA LF	0	0	0	0	0
34	NR	ANTA RF	20129	14271602	233861045	10064600	258197247
35	NR	AURAIYA CRF	0	0	0	0	0
36	NR	AURAIYA LF	0	0	0	0	0
37	NR	AURAIYA RF	25134	18699718	297888523	12567015	329155256
	NR	Total	98732	79286018	955016395	49366110	1083668523
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)
38	SR	RSTPS1-6	2512	1828649	8624733	1255940	11709322
39	SR	RSTPS7	705	586946	2389480	352309	3328735
40	SR	SIMHADRI-II	187	271281	913032	93545	1277858
41	SR	Talcher	83	58198	134900	41329	234428
42	SR	Vallur	931	1658165	3043655	465515	5167336
43	SR	TPS-II Stage I	15	10456	40259	7276	57992
44	SR	TPS-II Stage II	5	4179	15512	2683	22374
45	SR	TPS-I Expansion	103	102452	252242	51744	406438
46	SR	TPS-II Expansion	53	113819	140756	26691	281266
47	SR	NTPL	606	941196	2291318	303138	3535652
48	SR	SIMHADRI-I	343	344582	1733118	171264	2248964

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	SR	Kudgi	707	1178767	3748065	353348	5280180
50	SR	NNTPP	145	260783	318690	72289	651762
	SR	Total	6394	7359473	23645760	3197069	34202307
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)
51	WR	GADARWARA-I	9949	20665798	42544209	4974438	68184445
52	WR	GANDHAR-ComGas	0	0	0	0	0
53	WR	GANDHAR-RLNG	22212	23231755	283464505	11106106	317802366
54	WR	KAWAS-ComGas	24	20938	388884	11928	421750
55	WR	KAWAS-RLNG	29955	26291227	390919045	14977343	432187615
56	WR	KAWAS-zLIQ	0	0	0	0	0
57	WR	KHARGONE-I	7732	14015725	33359721	3865980	51241426
58	WR	KSTPS I&II	542	406927	813235	271011	1491173
59	WR	KSTPS7	71	85166	104043	35705	224914
60	WR	LARA-I	248	414806	335604	123927	874337
61	WR	MOUDA	555	949169	2185743	277252	3412164
62	WR	MOUDA_II	977	1554027	3892988	488437	5935452
63	WR	NSPCL	1133	1591973	3143613	566548	5302134
64	WR	RGPPL_MSEB	0	0	0	0	0
65	WR	RGPPL-RLNG	0	0	0	0	0
66	WR	RGPPL-LTRLNG	126078	112826683	1607290238	63038918	1783155839
67	WR	SASAN	5	897	7289	2684	10870
68	WR	SIPAT I	85	108235	113486	42665	264386
69	WR	SIPAT II	13	12944	17962	6541	37447
70	WR	SOLAPUR	10675	18365575	49726496	5337278	73429349
71	WR	VSTPS I	393	352063	617788	196374	1166225
72	WR	VSTPS II	283	218051	429398	141716	789165
73	WR	VSTPS III	280	255813	421442	140058	817313
74	WR	VSTPS IV	329	514589	487548	164396	1166533
75	WR	VSTPS V	241	405549	370308	120641	896498
76	WR	DGEN	94230	461727073	829224132	47115007	1338066212
77	WR	SUGEN COLLECTIVE	6748	33067540	59386602	3374239	95828381
	WR	Total	312758	717082523	3309244279	156379192	4182705994
ALL INDIA		Total	442737	843016589	4366470341	221368691	5430855622

Section 7: 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 24/04/2023 to 28/05/2023

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	BRBCL	67023	229331556	171998666
2	ER	MTPS-II	6718	18467698	13850774
3	ER	NPGC	22130	56183257	42137443
4	ER	FSTPP I & II	31484	105154699	78866024
5	ER	FSTPP-III	5126	16624448	12468335
6	ER	KHSTPP-I	9244	30652404	22989303
7	ER	KHSTPP-II	16920	53551001	40163251
8	ER	TSTPP-I	14628	24367153	18275363
9	ER	BARH-II	24963	85148605	63861455
10	ER	BARH-I	10567	32019661	24014746
11	ER	MPL	29602	82092996	61569748
12	ER	Darlipali_NTPC	607	648438	486328
13	ER	North Karanpura STPS	1,959	3149895	2362422
	ER	Total	240969.44	737391811.00	553043858.00
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)
14	NER	AGBPP	16386	99956386	74967289
15	NER	AGTPP	1534	8831790	6623843
16	NER	BGTPP	48901	172022337	129016753
	NER	Total	66821	280810513	210607885
17	NR	AURAIYA CRF	0	0	0
18	NR	AURAIYA RF	498	5902681	4427012
19	NR	ANTA RF	283	3286181	2464635

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)
20	NR	DADRI LF	23	540808	405606
21	NR	DADRI RF	552	6233173	4674879
22	NR	DADRI TPS	28108	144169902	108127426
23	NR	DADRI-II TPS	21573	108170626	81127972
24	NR	IGSTPS-JHAJJAR	28323	120375259	90281445
25	NR	RIHAND STPS	6861	11258593	8443945
26	NR	RIHAND-II STPS	6594	10798110	8098583
27	NR	RIHAND-III STPS	3474	5617870	4213403
28	NR	SINGRAULI STPS	3001	4457098	3342823
29	NR	TANDA-II STPS	21303	80319255	60239444
30	NR	UNCHAHAAR-I TPS	12701	58136944	43602708
31	NR	UNCHAHAAR-II TPS	15631	56739028	42554273
32	NR	UNCHAHAAR-III TPS	7866	36189589	27142192
33	NR	UNCHAHAAR-IV TPS	5042	22081036	16560778
	NR	Total	161833	674276153	505707124
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)
34	SR	RSTPS1-6	60342	204980208	153735157
35	SR	RSTPS7	14847	49700579	37275435
36	SR	SIMHADRI-II	51798	254497510	190873132
37	SR	Talcher	13072	21764923	16323692
38	SR	Vallur	38055	125101224	93825919
39	SR	TPS-II Stage I	754	2242081	1681561
40	SR	TPS-II Stage II	783	2331506	1748630
41	SR	TPS-I Expansion	3368	8967054	6725291
42	SR	TPS-II Expansion	1686	4908579	3681435
43	SR	NTPL	26020	95113402	71335052
44	SR	SIMHADRI-I	40533	204876672	153657505
45	SR	Kudgi	210934	1132380124	849285093
46	SR	NNTPP	6711	15811760	11858820
	SR	Total	468903	2122675622	1592006722

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)
47	WR	GADARWARA-I	42151	180699500	135524626
48	WR	GANDHAR-ComGas	0	0	0
49	WR	GANDHAR-RLNG	204	2080824	1560618
50	WR	KAWAS-ComGas	0	735	551
51	WR	KAWAS-RLNG	384	3938789	2954092
52	WR	KHARGONE-I	25253	109979426	82484571
53	WR	KSTPS I&II	9732	14594748	10946062
54	WR	KSTPS7	2075	3040220	2280165
55	WR	LARA-I	3798	5329344	3997009
56	WR	MOUDA	108113	426762443	320071833
57	WR	MOUDA_II	140857	561256210	420942159
58	WR	NSPCL	13715	37893304	28419978
59	WR	RGPPPL-GAS	0	0	0
60	WR	RGPPPL-RLNG	0	0	0
61	WR	RGPPPL-LTRLNG	11	119662	89747
62	WR	SASAN	7503	10180529	7635397
63	WR	SIPAT I	1561	2074261	1555696
64	WR	SIPAT II	2459	3362333	2521750
65	WR	SOLAPUR	74631	343112143	257334107
66	WR	VSTPS I	3519	5534884	4151165
67	WR	VSTPS II	3250	4925880	3694411
68	WR	VSTPS III	2677	4027388	3020541
69	WR	VSTPS IV	665	985259	738945
70	WR	VSTPS V	1901	2916760	2187570
71	WR	DGEN	15	132000	99000
72	WR	SUGEN COLLECTIVE	0	0	0
	WR	Total	444474	1722946642.00	1292209993.00
ALL INDIA		Total	1383000	5538100741	4153575582

Section 8: एजीसी प्रदाता को डीएसएम पूल से भुगतान/Payment to the AGC Provider from the DSM Pool from 24/04/23 to 28/05/23-

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	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	1	14	-12	-12485	5323	-7162
3	CHAMERA-III HEP	NR	768	2939	-2171	-4276518	1782909	-2493609
4	DADRI-II TPS	NR	10016	4087	5929	29378063	5347661	34725726
5	KOTESHWAR	NR	861	466	395	1083927	506220	1590147
6	NATHPA JHAKRI HEP	NR	54	2111	-2057	-2468040	893827	-1574212
7	RIHAND STPS	NR	2068	14189	-12120	-19416532	7321984	-12094548
8	RIHAND-II STPS	NR	2041	17238	-15197	-24311861	8716490	-15595370
9	RIHAND-III STPS	NR	2015	14671	-12656	-20060664	7236966	-12823698
10	DULHASTI HEP	NR	30	0	30	68690	3552	72242
11	RAMPUR HEP	NR	15	570	-556	-1156032	241334	-914699
12	TEHRI HEP	NR	1429	2382	-953	-2015516	919187	-1096328
13	DHAULIGAN GA HEP	NR	315	1267	-951	-1206869	647743	-559126
14	BAIRASIUL HEP	NR	0	0	0	0	0	0
15	UNCHAHAHAR-III TPS	NR	6288	1227	5061	23318921	2700413	26019333
16	UNCHAHAHAR-IV TPS	NR	6431	1908	4524	19670949	3474092	23145041
17	SINGRAULI STPS	NR	476	18746	-18270	-26830611	8679512	-18151099
18	IGSTPS-JHAJJAR	NR	15179	7543	7636	32554153	10405975	42960129
19	UNCHAHAHAR-II TPS	NR	7342	7058	284	1057136	7084874	8142009
20	TANDA-II STPS	NR	17475	9274	8202	30758255	13358561	44116817
21	Auraiya GPP	NR	0	0	0	0	0	0
22	Dadri GPP	NR	0	0	0	0	0	0

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
23	SEWA-II HEP	NR	9	1062	-1052	-2786761	458643	-2328117
24	DADRI TPS	NR	14399	3583	10816	55005669	5724321	60729989
25	KOLDAM HEP	NR	325	5764	-5439	-13336345	3011275	-10325070
26	Simhadri St-II	SR	6992	2657	4335	21750783	3747846	25498629
27	RSTPS1-6	SR	11137	10086	1051	3664590	7658310	11322900
28	RSTPS7	SR	3491	6159	-2668	-9014732	3702053	-5312679
29	NTECL	SR	5576	15472	-9896	-32437983	7845164	-24592819
30	NTPL	SR	6082	6966	-884	-3030134	4408783	1378649
31	Simhadri St-I	SR	7352	5547	1804	9325476	6579210	15904686
32	KUDGI	SR	26499	4986	21513	114994834	14958930	129953764
33	NLC TPS2	SR	0	0	0	0	0	0
34	NLC TPS1 Exp	SR	592	4360	-3768	-9606223	350376	-9255847
35	Talcher2	SR	1425	20001	-18576	-30618573	10660471	-19958102
36	NNTPP	SR	0	0	0	0	0	0
37	CGPL	WR	0	0	0	0	0	0
38	GADARWAR A-I	WR	11995	4275	7719	33215618	7086320	40301937
39	GANDHAR	WR	0	0	0	0	0	0
40	KHARGONE-I	WR	21275	7742	13533	59651495	11574676	71226171
41	KSTPS I&II	WR	527	34918	-34391	-51785164	16324193	-35460971
42	KSTPS7	WR	153	9247	-9094	-13418027	4626349	-8791677
43	LARA-I	WR	357	22259	-21902	-30663515	9229278	-21434236
44	MOUDA	WR	16349	9193	7157	28335597	8291906	36627503
45	MOUDA_II	WR	20305	10338	9968	39787765	12503388	52291153
46	NSPCL	WR	2201	6498	-4293	-11870809	4064364	-7806444
47	SIPAT I	WR	224	30504	-30280	-40249941	12430681	-27819261
48	SIPAT II	WR	829	14020	-13191	-18015640	6352967	-11662673
49	SOLAPUR	WR	13355	4087	9269	42745144	8714090	51459234
50	VSTPS II	WR	661	11090	-10429	-15806739	4188467	-11618271
51	VSTPS III	WR	610	19731	-19122	-28764988	8429268	-20335720
52	VSTPS IV	WR	283	9775	-9492	-14072746	5029168	-9043578
53	VSTPS V	WR	760	9870	-9111	-13978497	4276017	-9702481
54	KAWAS	WR	0	0	0	0	0	0
55	Barh	ER	11988	15950	-3962	-13559059	13802321	243262
56	KHSTPP-II	ER	10125	22419	-12294	-38801014	15150892	-23650122
57	MPL	ER	13165	31461	-18295	-50512645	22312860	-28199785
58	MTPS-II	ER	1068	6149	-5081	-13935874	3029089	-10906785
59	NPGC	ER	7235	25170	-17935	-45500059	12759845	-32740214

Sr. No.	AGC Provider Name	Region	Up regulation due to AGC (MWh)	Down regulation due to AGC (MWh)	Net Energy (MWh)	Variable charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
60	Teesta-V	ER	1899	1940	-41	-47618	1309478	1261860
61	FSTPP I & II	ER	8095	16282	-8186	-27289675	8379420	-18910255
62	FSTPP-III	ER	2211	4555	-2344	-7550420	3071907	-4478513
63	BARH-I	ER	1422	1742	-321	-967157	1010477	43320
64	TSTPP-I	ER	463	12133	-11670	-19540427	4809362	-14731065
65	Darlipali_NT PC	ER	0	0	0	0	0	0
66	Bongaigaon	NER	9503	9414	89	405153	8630893	9036047
67	Loktak	NER	0	0	0	0	0	0
	Total	All India	313743	543096	-229349	-112143675	365819681	253676012