

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: 24th नवंबर, 2022

सेवा मे,

वितरण सूची के अनुसार

विषय: अक्टूबर 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 अक्टूबर 2022 माह की रिपोर्ट।

सादर धन्यवाद,

भवदीय

Sd/-

(समीर चन्द्र सक्सेना)

मुख्य महाप्रबंधक/ रा. भा. प्रे. के

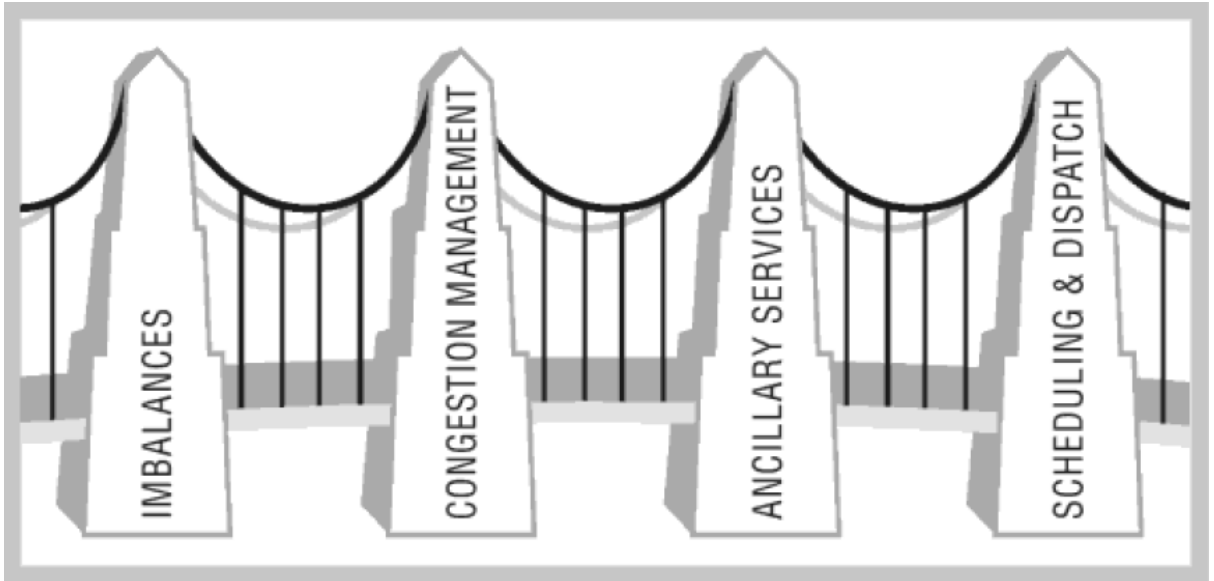
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Executive Director, NRLDC,18/A,SJSS Marg, Katwaria Sarai,New Delhi-110016
- 11 कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह, लापलंग, शिलॉंग - 793006
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Executive Director, SRLDC, 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
अक्टूबर-2022 माह के लिए कार्यान्वयन रिपोर्ट

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

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Section-1: अक्टूबर,22 माह में अनुषंगी सेवा प्रेषण का सारांश / Summary of Ancillary Services Despatched for October'22

RRAS Details	Total	Average (₹ per unit)
Regulation Up		
Energy scheduled	429 MU	--
Fixed charges paid	₹ 57 Crores	₹1.32
Variable charges paid	₹ 369 Crores	₹8.61
Markup paid	₹ 21 Crores	₹0.50
Total paid for RRAS Up	₹ 448 Crores	₹10.43
Regulation Down		
Energy scheduled	532 MU	--
Variable charges retained by RRAS providers	₹ 46.4 Crores	₹0.87
Variable Charges refunded to DSM Pool	₹ 139 Crores	₹2.62

AGC Up Energy (MU)	AGC Down Energy (MU)	Variable charges (Rs Cr) (A)	Mark up Charges as per CERC order (Rs Cr) (B)	Total Charges (A+B) (Rs Cr)
239	448	-24.85	34.40	9.48

RRAS Region Wise Summary

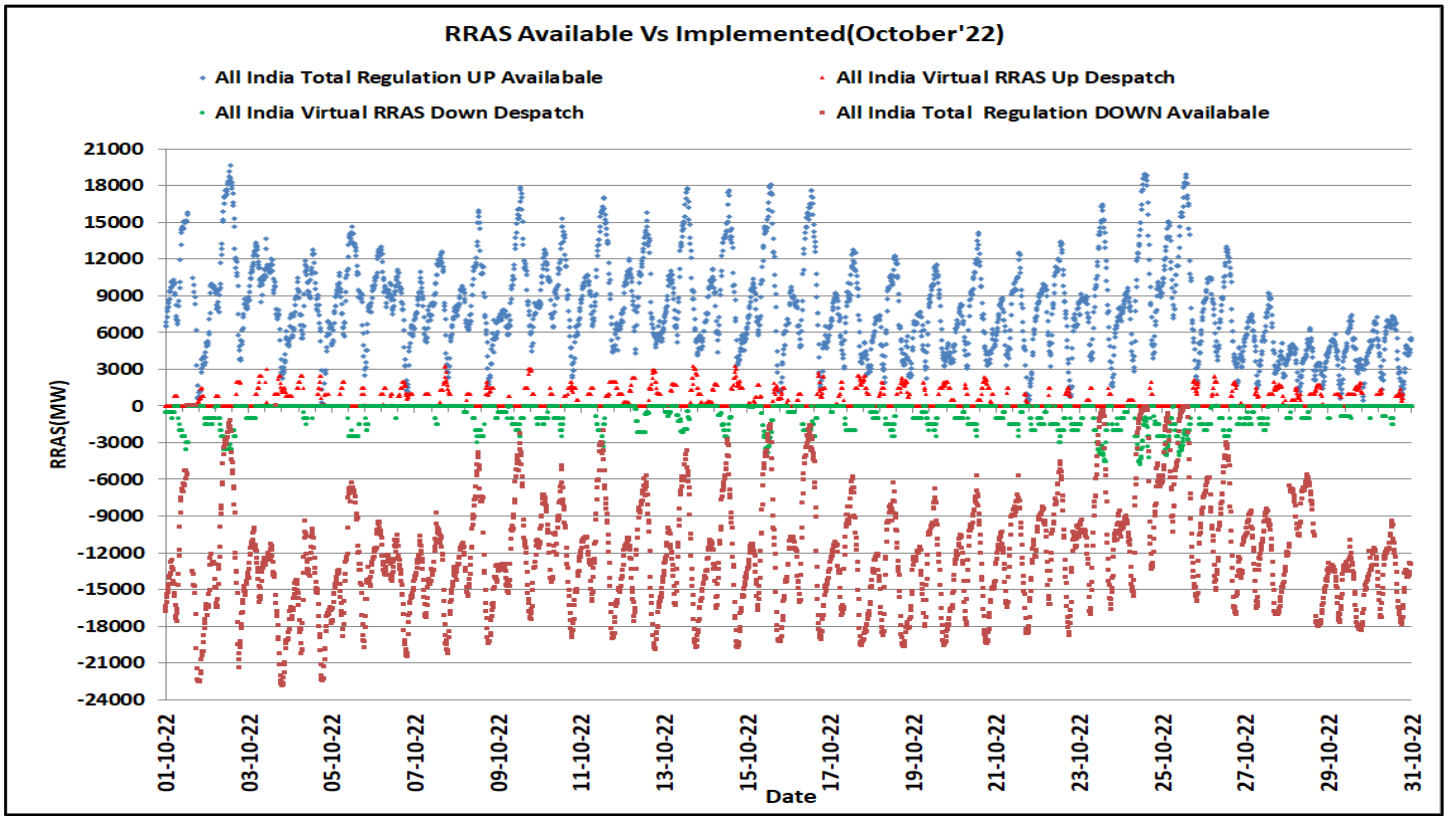
Region	Energy scheduled to VAE under RRAS (MU)	Average Fixed Charges (Rs/Unit) (A)	Average Variable Charges (Rs/Unit) (B)	Mark up as per CERC Order (Rs/Unit) (C)	Total Charges (Rs/Unit) (A+B+C)
ER	157	1.61	3.57	0.50	5.68
NER	6	2.15	4.36	0.50	7.02
NR	109	0.96	12.82	0.50	14.28
SR	65	1.19	4.08	0.50	5.77
WR	92	1.30	15.74	0.50	17.53
All India	429	1.32	8.61	0.50	10.43

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	174	3.36	2.52	0.84
NER	40	4.42	3.32	1.11
NR	73	3.85	2.89	0.96
SR	74	4.19	3.14	1.05
WR	172	2.94	2.21	0.74
All India	532	3.49	2.62	0.87

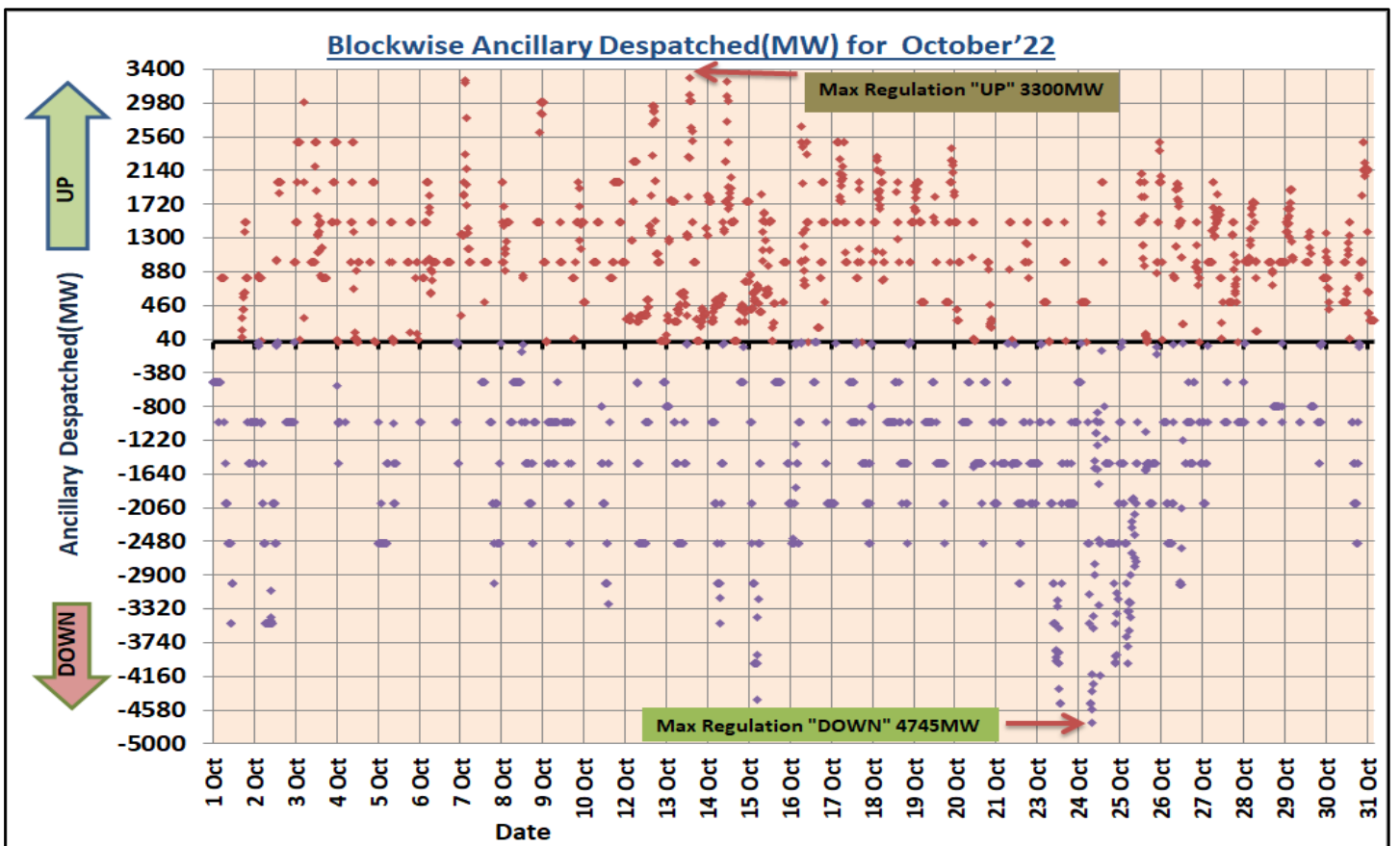
AGC Region Wise Summary

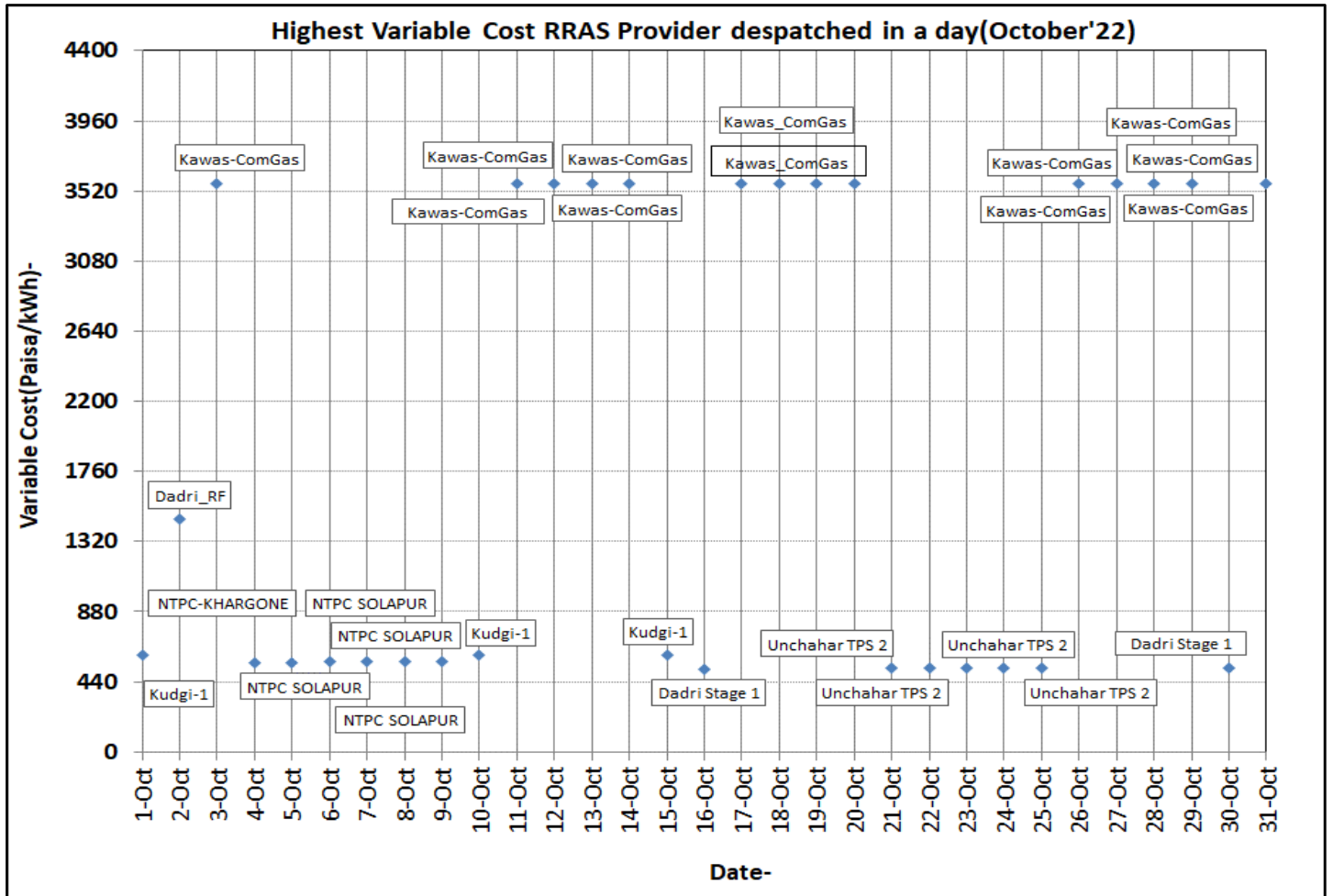
Region	Up Regulation (MU)	Down Regulation (MU)	Net Energy (MU)	Absolute Value (MU)	Mark up as per CERC Order (Rs/Unit)	Average Variable Charges (Rs/Unit)
NR	56.11	108.05	-51.93	164.16	0.50	0.61
SR	60.49	71.74	-11.24	132.23	0.50	-2.15
WR	58.00	148.29	-90.29	206.30	0.50	1.62
ER	64.51	119.47	-54.96	183.98	0.50	2.87
NER	0.00	0.00	0.00	0.00	0.00	0.00
All India	239	447.55	-208.43	686.67	0.50	1.19

Section-2: अक्टूबर,22 माह में आरक्षित का उपयोग/ Utilisation of reserves for October'22

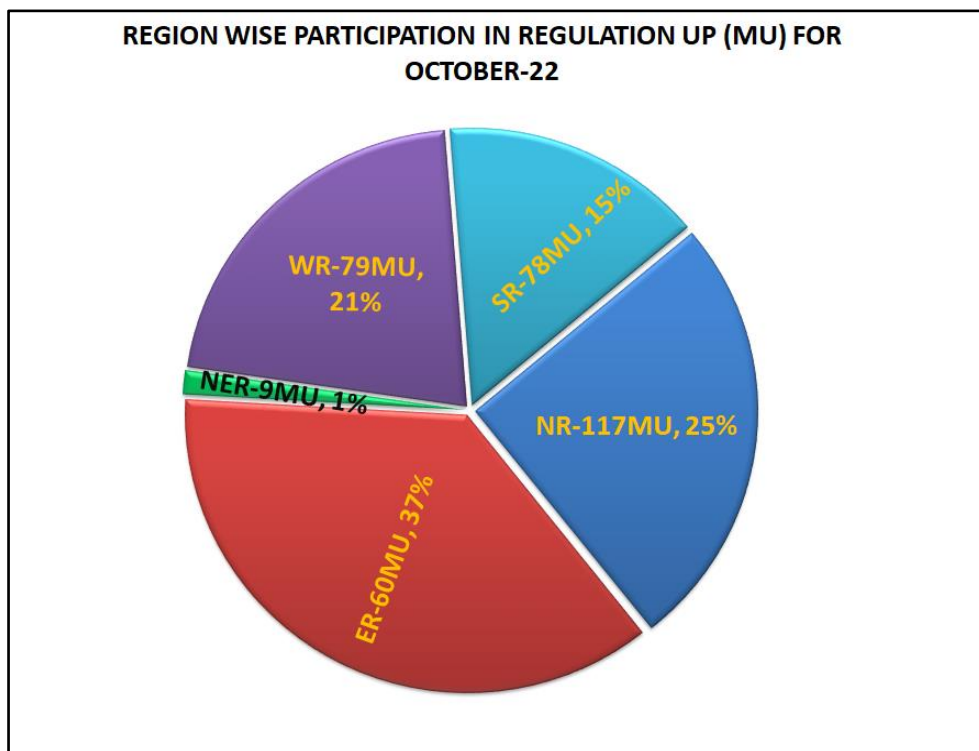


Section-3: अनुषंगी सेवा प्रेषण (MW) /Ancillary Despatched (MW)

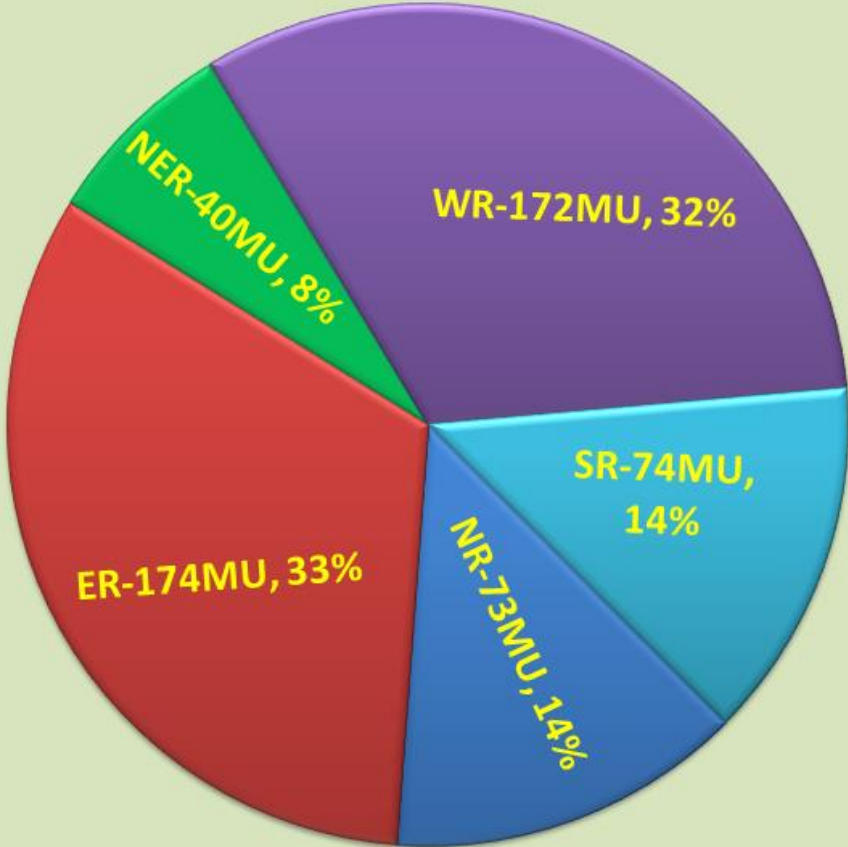




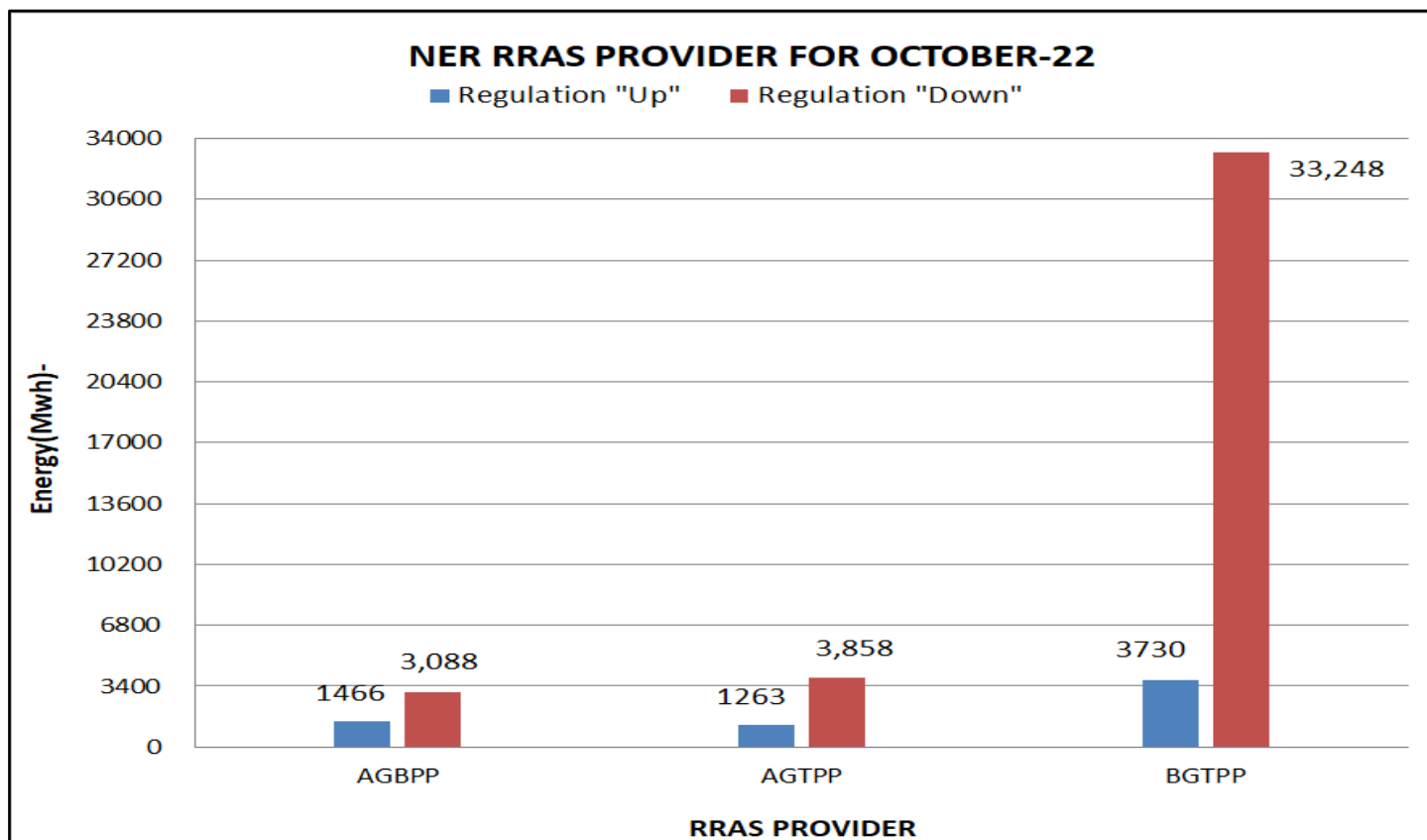
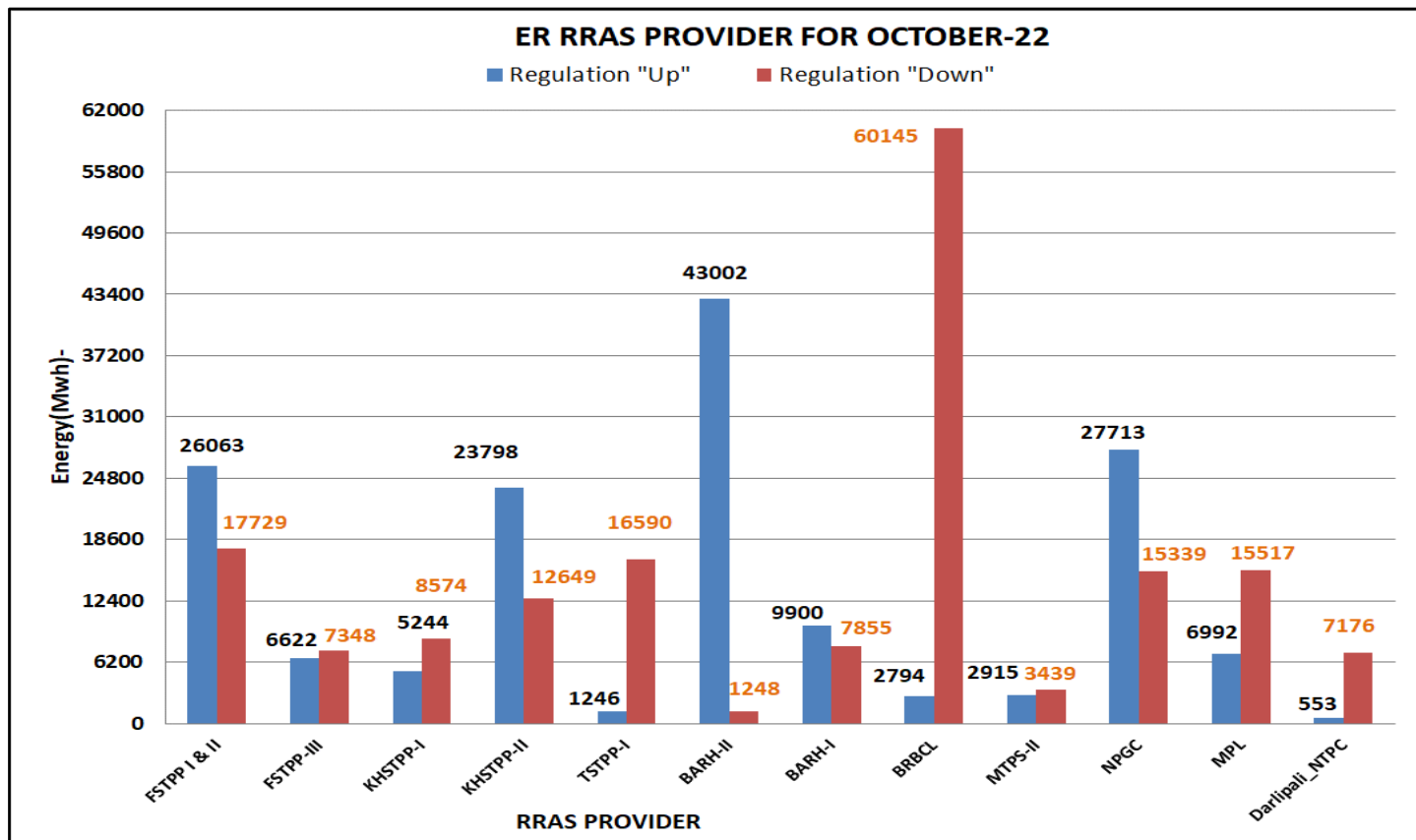
Section-4: अनुषंगी सेवा में क्षेत्रवार भागीदारी / Region wise participation in RRAS –



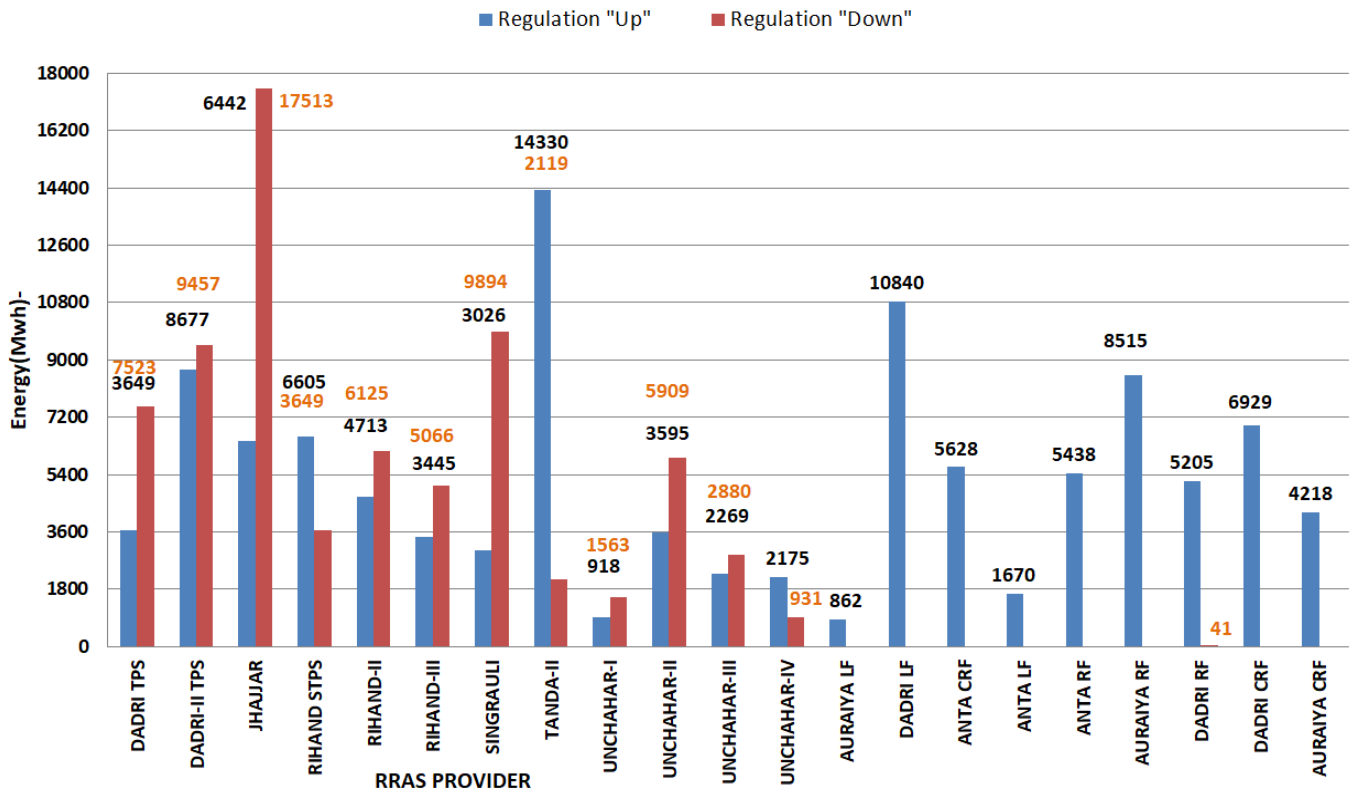
REGION WISE PARTICIPATION IN REGULATION DOWN (MU) FOR OCTOBER-22



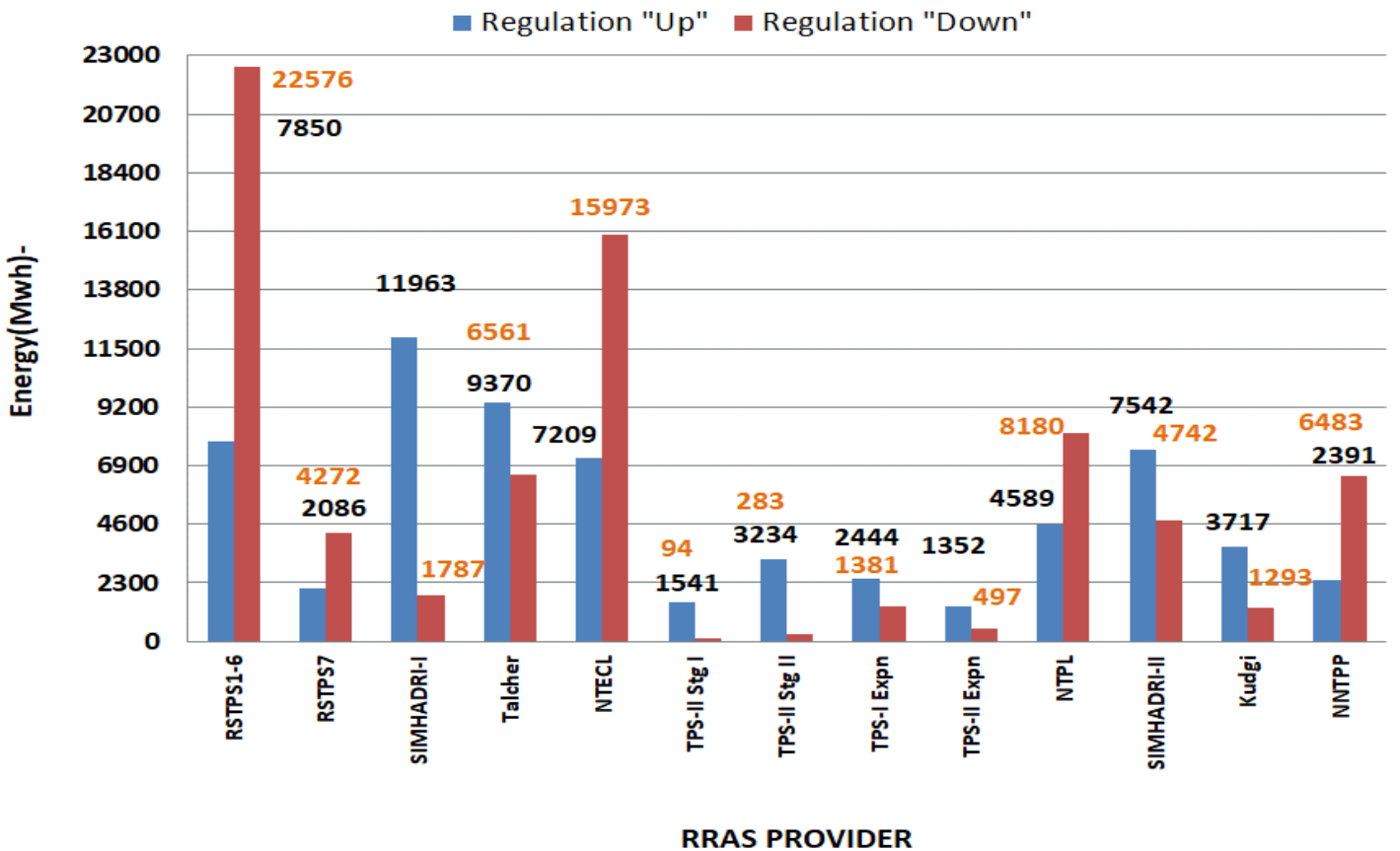
Section 5 : अनुषंगी सेवा में ऊर्जा प्रेषण का क्षेत्रवार विवरण /Region wise energy despatch in Ancillary services-



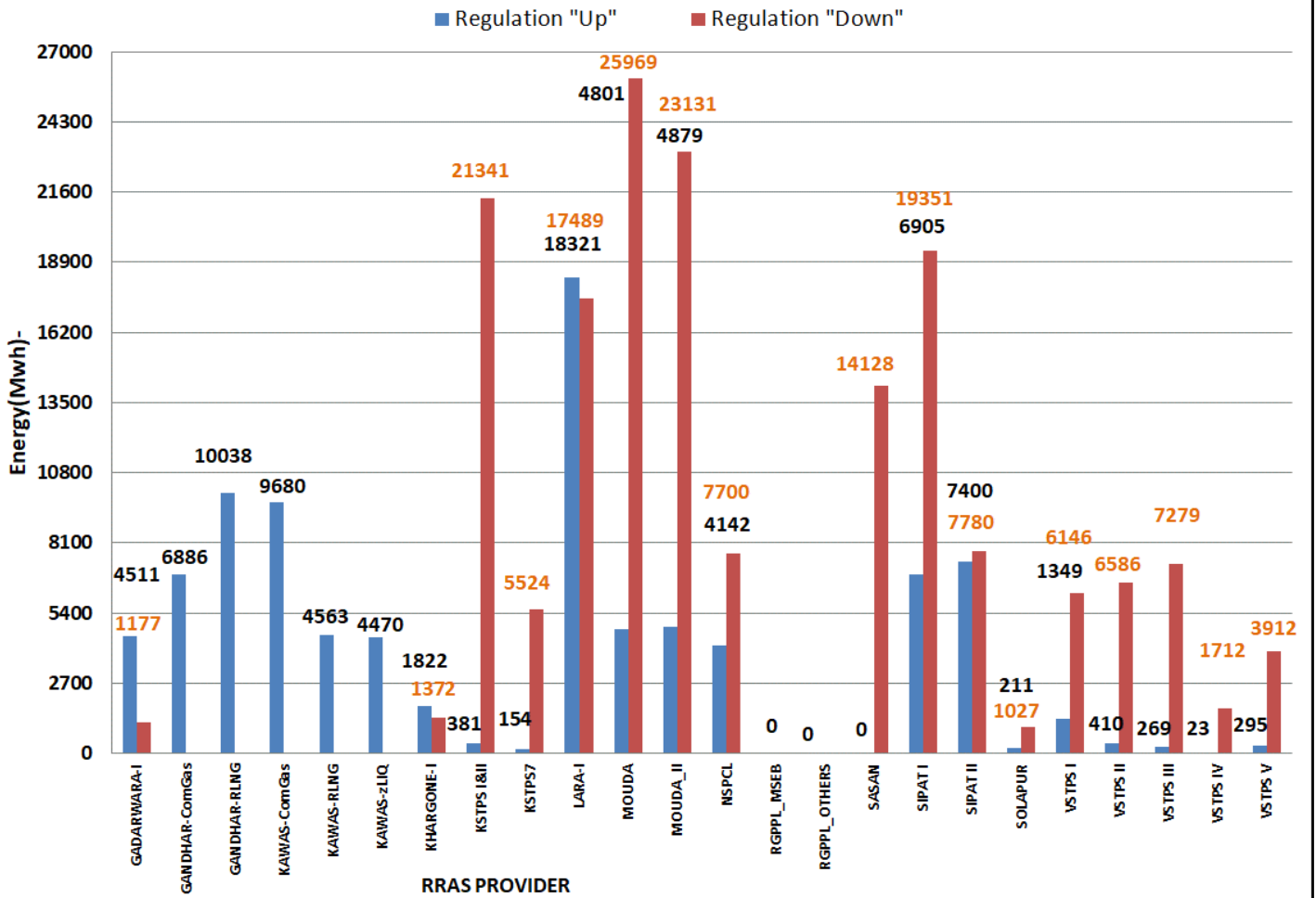
NR RRAS PROVIDER FOR OCTOBER-22



SR RRAS PROVIDER FOR OCTOBER-22



WR RRAS PROVIDER OCTOBER-22



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 26/09/22 to 30/10/22-

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
1	ER	FSTPP I & II	26063	21476301	98753246	13031737	133261284
2	ER	FSTPP-III	6622	9880438	24944366	3311140	38135944
3	ER	KHSTPP-I	5244	5495317	20544126	2621811	28661254
4	ER	KHSTPP-II	23798	25916095	87999042	11899035	125814172
5	ER	TSTPP-I	1246	1194678	2936871	622878	4754427
6	ER	BARH-II	43002	79124435	165874799	21501206	266500440
7	ER	BARH-I	9900	23996387	33931059	4949750	62877196
8	ER	BRBCL	2794	6497753	9861602	1396765	17756120
9	ER	MTPS-II	2915	7968427	8582475	1457284	18008186
10	ER	NPGC	27713	60247753	86038537	13856429	160142719
11	ER	MPL	6992	9711737	19855430	3495947	33063114
12	ER	Darlipali_NTPC	553	918645	588661	276369	1783675
	ER	Total	156842	252427966	559910214	78420351	890758531
Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
13	NER	AGBPP	1466	2791184	6398147	733037	9922370
14	NER	AGTPP	1263	2141460	5012277	631613	7785352
15	NER	BGTPP	3730	8975884	16779610	1865080	27620573
	NER	Total	6459	13908528	28190034	3229730	45328295
Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
16	NR	DADRI TPS	3649	3550661	18957979	1824595	24333235
17	NR	DADRI-II TPS	8677	12087730	43768238	4338741	60194709

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
18	NR	IGSTPS-JHAJJAR	6442	10343199	33385079	3221226	46949504
19	NR	RIHAND STPS	6605	5574214	10234287	3302259	19110760
20	NR	RIHAND-II STPS	4713	3619331	7294612	2356332	13270275
21	NR	RIHAND-III STPS	3445	4973269	5272680	1722677	11968626
22	NR	SINGRAULI STPS	3026	1982090	4530552	1513047	8025689
23	NR	TANDA-II STPS	14330	21050524	54883260	7164915	83098699
24	NR	UNCHAHAR-I TPS	918	991862	4268407	458771	5719040
25	NR	UNCHAHAR-II TPS	3595	3940034	17514623	1797461	23252118
26	NR	UNCHAHAR-III TPS	2269	3056210	10983539	1134451	15174200
27	NR	UNCHAHAR-IV TPS	2175	3600275	9536920	1087698	14224893
28	NR	AURAIYA LF	862	547592	22304683	431175	23283450
29	NR	DADRI LF	10840	5582648	292779877	5420046	303782571
30	NR	ANTA CRF	5628	3990450	195064927	2814140	201869517
31	NR	ANTA LF	1670	1183989	33551971	834971	35570931
32	NR	ANTA RF	5438	3855710	81123084	2719121	87697915
33	NR	AURAIYA RF	8515	5407240	128900134	4257669	138565043
34	NR	DADRI RF	5205	2680749	74594504	2602668	79877921
35	NR	DADRI CRF	6929	3568594	202515644	3464659	209548897
36	NR	AURAIYA CRF	4218	2678720	148156534	2109229	152944483
	NR	Total	109149	104265091	1399621534	54575851	1558462476

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
37	SR	RSTPS1-6	7850	5714485	38763139	3924784	48402408
38	SR	RSTPS7	2086	1737730	10359326	1043055	13140111
39	SR	SIMHADRI-II	11963	17345991	57412429	5981376	80739796
40	SR	Talcher	9370	6690225	21937804	4685031	33313062
41	SR	Vallur	7209	12796844	30300100	3604745	46701690

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
42	SR	TPS-II Stage I	1541	1093940	4249758	770380	6114078
43	SR	TPS-II Stage II	3234	2380346	8921157	1617082	12918587
44	SR	TPS-I Expansion	2444	2358576	5983232	1222060	9563868
45	SR	TPS-II Expansion	1352	3121036	3560884	675841	7357762
46	SR	NTPL	4589	7126301	20267533	2294366	29688201
47	SR	SIMHADRI-I	7542	7104361	36483114	3770892	47358367
48	SR	Kudgi	3717	6199956	22647681	1858500	30706137
49	SR	NNTPP	2391	4313383	5276909	1195505	10785798
	SR	Total	65288	77983174	266163066	32643617	376789865
Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
50	WR	GADARWARA-I	4511	9369372	20148750	2255289	31773411
51	WR	GANDHAR-ComGas	6886	7174599	346954562	3443037	357572198
52	WR	GANDHAR-RLNG	10038	10458322	188869964	5018870	204347156
53	WR	KAWAS-ComGas	9680	8362252	491858201	4839827	505060280
54	WR	KAWAS-RLNG	4563	3942378	87774693	2281733	93998804
55	WR	KAWAS-zLIQ	4470	3862046	128213295	2235239	134310580
56	WR	KHARGONE-I	1822	3302272	10232728	910872	14445872
57	WR	KSTPS I&II	381	282646	611288	190385	1084319
58	WR	KSTPS7	154	207743	241033	76989	525765
59	WR	LARA-I	18321	30662759	60346898	9160720	100170377
60	WR	MOUDA	4801	8931658	22344830	2400643	33677131
61	WR	MOUDA_II	4879	7244177	22632818	2439282	32316277
62	WR	NSPCL	4142	6134191	13042731	2070963	21247885
63	WR	RGPPL_MSEB	0	0	0	0	0
64	WR	RGPPL_OTHERS	0	0	0	0	0
65	WR	SASAN	0	19	157	58	234
66	WR	SIPAT I	6905	8839676	19390178	3452729	31682583
67	WR	SIPAT II	7400	7295144	22486479	3700115	33481738
68	WR	SOLAPUR	211	362867	1199431	105454	1667752
69	WR	VSTPS I	1349	1208844	2176548	674427	4059819

Sr. No.	Region	RRAS Provider Name	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Mark up as per CERC Order (Rs) (C)	Total Charges (A+B+C)
70	WR	VSTPS II	410	315650	637621	205154	1158425
71	WR	VSTPS III	269	281092	413783	134417	829292
72	WR	VSTPS IV	23	36330	35324	11608	83262
73	WR	VSTPS V	295	493465	463447	147594	1104506
	WR	Total	91510	118767502	1440074759	45755405	1604597666
ALL INDIA		Total	429248	567352261	3693959607	214624954	4475936833

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 26/09/2022 to 30/10/2022

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	BRBCL	60145	215056773	161292580
2	ER	MTPS-II	3439	10107595	7580697
3	ER	NPGC	15339	48958849	36719137
4	ER	FSTPP I & II	17729	75158049	56368537
5	ER	FSTPP-III	7348	30848316	23136237
6	ER	KHSTPP-I	8574	34102719	25577040
7	ER	KHSTPP-II	12649	47810149	35857613
8	ER	TSTPP-I	16590	38462816	28847112
9	ER	BARH-II	1248	4745143	3558857
10	ER	BARH-I	7855	26925081	20193811
11	ER	MPL	15517	44135666	33101750
12	ER	Darlipali_NTPC	7176	7490506	5617880
	ER	Total	173609	583801662	437851251
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	NER	AGBPP	3088	13428398	10071299
14	NER	AGTPP	3858	15312817	11484613
15	NER	BGTPP	33248	148988602	111741453
	NER	Total	40194	177729817	133297365
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)
16	NR	AURAIYA RF	0	0	0
17	NR	ANTA RF	0	0	0
18	NR	DADRI LF	0	0	0
19	NR	DADRI RF	41	606364	454773

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 TPS	7523	39064305	29298229
21	NR	DADRI-II TPS	9457	47567960	35675970
22	NR	IGSTPS-JHAJJAR	17513	90842349	68131762
23	NR	RIHAND STPS	3649	5710901	4283175
24	NR	RIHAND-II STPS	6125	9593925	7195443
25	NR	RIHAND-III STPS	5066	7823474	5867607
26	NR	SINGRAULI STPS	9894	14850390	11137793
27	NR	TANDA-II STPS	2119	8116871	6087654
28	NR	UNCHAHAR-I TPS	1563	7268762	5451571
29	NR	UNCHAHAR-II TPS	5909	29762913	22322184
30	NR	UNCHAHAR-III TPS	2880	14379708	10784780
31	NR	UNCHAHAR-IV TPS	931	4081307	3060980
	NR	Total	72670	279669229	209751921
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)
32	SR	RSTPS1-6	22576	111695263	83771447
33	SR	RSTPS7	4272	21428892	16071669
34	SR	SIMHADRI-II	1787	8490981	6368237
35	SR	Talcher	6561	15149071	11361804
36	SR	Vallur	15973	66952342	50214258
37	SR	TPS-II Stage I	94	259669	194752
38	SR	TPS-II Stage II	283	781951	586463
39	SR	TPS-I Expansion	1381	3381655	2536242
40	SR	TPS-II Expansion	497	1308445	981334
41	SR	NTPL	8180	36256673	27192506
42	SR	SIMHADRI-I	4742	22662343	16996758
43	SR	Kudgi	1293	7880184	5910138
44	SR	NNTPP	6483	14294666	10721001
	SR	Total	74122	310542135	232906609
Sr. No.	Region	RRAS Provider Name	Energy scheduled from VAE under RRAS (MWh)	Total Variable Charges for	Variable charges to be

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)
45	WR	GADARWARA-I	1177	5259032	3944275
46	WR	KHARGONE-I	1372	7704067	5778051
47	WR	KSTPS I&II	21341	33674602	25255953
48	WR	KSTPS7	5524	8447014	6335261
49	WR	LARA-I	17489	56819115	42614336
50	WR	MOUDA	25969	117995357	88496518
51	WR	MOUDA_II	23131	106681300	80010976
52	WR	NSPCL	7700	24218154	18163616
53	WR	SASAN	14128	19250772	14438080
54	WR	SIPAT I	19351	55018168	41263626
55	WR	SIPAT II	7780	24214442	18160832
56	WR	SOLAPUR	1027	5842966	4382224
57	WR	VSTPS I	6146	9944608	7458456
58	WR	VSTPS II	6586	10263017	7697264
59	WR	VSTPS III	7279	11239344	8429509
60	WR	VSTPS IV	1712	2632130	1974097
61	WR	VSTPS V	3912	6109892	4582420
	WR	Total	171624	505313980	378985494
ALL INDIA		Total	532219	1857056823	1392792640

Section 8: एजीसी प्रदाता को डीएसएम पूल से भुगतान/Payment to the AGC Provider from the DSM Pool from 26/09/22 to 30/10/22-

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	0	0	0	0	0	0
3	CHAMERA-III HEP	NR	0	0	0	0	0	0
4	DADRI-II TPS	NR	12371	2632	9739	49220771	7501393	56722162
5	KOTESHWAR	NR	1080	694	386	892409	887186	1779594
6	NATHPA JHAKRI HEP	NR	612	2500	-1888	-2231111	1555863	-675247
7	RIHAND STPS	NR	166	10582	-10415	-16210588	5373940	-10836649
8	RIHAND-II STPS	NR	1085	26030	-24945	-38578094	13557267	-25020825
9	RIHAND-III STPS	NR	579	23886	-23307	-35558134	12232297	-23325836
10	DULHASTI HEP	NR	0	0	0	0	0	0
11	RAMPUR HEP	NR	155	664	-510	-1062606	409603	-653003
12	TEHRI HEP	NR	4657	2565	2092	4340753	3611115	7951866
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	4135	1047	3087	15203314	2590822	17794135
16	UNCHAHAAR-IV TPS	NR	1666	434	1232	5402255	1049733	6451988
17	SINGRAULI STPS	NR	523	25226	-24704	-36908414	12874607	-24033806
18	IGSTPS-JHAJJAR	NR	10360	4288	6072	31447159	7324000	38771159
19	UNCHAHAAR-II TPS	NR	13494	2068	11426	56313038	7780622	64093660
20	TANDA-II STPS	NR	5232	5431	-199	-763469	5331604	4568134
21	Simhadri St-II	SR	7256	7143	113	419514	7199627	7619141
22	RSTPS1-6	SR	18047	5864	12183	59524522	11955133	71479654
23	RSTPS7	SR	7869	1786	6083	30658147	4827651	35485797

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)
24	NTECL	SR	11969	14867	-2898	-12355114	13418285	1063171
25	NTPL	SR	0	0	0	0	0	0
26	Simhadri St-I	SR	6503	4534	1970	9503892	5518686	15022580
27	KUDGI	SR	4460	3553	907	5524696	4006814	9531511
28	NLC TPS2	SR	0	0	0	0	0	0
29	NLC TPS1 Exp	SR	0	0	0	0	0	0
30	Talcher2	SR	4389	33991	-29602	-69111503	19190420	-49921082
30	Mouda-II	WR	13364	8230	5134	25337261	10796775	36134036
31	CGPL	WR	0	0	0	0	0	0
32	SIPAT II	WR	4738	14809	-10070	-30549885	9773611	-20776274
33	VSTPS II	WR	953	16977	-16025	-24908513	8964941	-15943572
34	KSTPS I&II	WR	0	0	0	0	0	0
35	KSTPS7	WR	0	0	0	0	0	0
36	SIPAT I	WR	3633	36655	-33022	-93162164	20143549	-73018615
37	VSTPS IV	WR	190	11014	-10824	-16453328	5602092	-10851236
38	VSTPS III	WR	512	11200	-10688	-16447795	5856131	-10591664
39	VSTPS V	WR	878	9751	-8872	-13884004	5314510	-8569494
40	SOLAPUR	WR	1767	576	1191	6775673	1171254	7946928
41	NSPCL	WR	1112	4290	-3179	-10003829	2701013	-7302816
42	GANDHAR-APM	WR	0	0	0	0	0	0
43	GANDHAR-NAPM	WR	0	0	0	0	0	0
44	GANDHAR-ComGas	WR	0	0	0	0	0	0
45	GANDHAR-RLNG	WR	0	0	0	0	0	0
46	Mouda	WR	6246	2310	3936	18776290	4277779	23054069
47	Gadarwara-I	WR	11464	3971	7493	33472402	7717783	41190185
48	LARA-I	WR	4927	27720	-22793	-67226536	16323228	-50903308

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)
49	KHARGONE-I	WR	8220	792	7428	41723451	4505986	46229437
50	Barh	ER	10629	9527	1102	4636173	10078015	14714188
51	KHSTPP-II	ER	10466	16649	-6183	-22596591	13557443	-9039148
52	MPL	ER	5490	44518	-39028	-110884299	25004004	-85880295
53	MTPS-II	ER	6083	1619	4465	13163195	3851171	17014366
54	NPGC	ER	14916	29002	-14086	-41220069	21958583	-19261486
55	Teesta-V	ER	188	318	-129	-150596	253038	102442
56	FSTPP I & II	ER	11183	9108	2075	10001260	10145605	20146865
57	FSTPP-III	ER	1003	650	353	1521798	826684	2348482
58	BARH-I	ER	4551	8082	-3531	-12116813	6316457	-5800356
59	Bongaigaon	NER	0	0	0	0	0	0
60	Loktak	NER	0	0	0	0	0	0
	Total	All India	239121	447552	-208431	-248525482	343336320	94810837