

पावर सिस्टम ऑपरेशन कॉरपोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)



पंजीकृत एवं केन्द्रीय कार्यालय: बी-9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110 016
Registered & Corporate Office : B - 9, 1st Floor, Qutub Institutional Area, Katwaria Sarai, New Delhi - 110 016
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संदर्भ संख्या:पोसोको/एनएलडीसी/एएसओ/2016/

दिनांक: 11th July, 2016

सेवा मे,

वितरण सूची के अनुसार

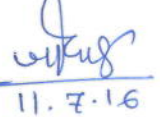
विषय: Monthly report on RRAS mechanism for the month of June 2016

महोदया/महोदय,

According to the provision of Detailed Procedure for Ancillary Services Operations, report for the Month of June-16, regarding the various operational aspects of the RRAS mechanism is enclosed.

सादर धन्यवाद,

भवदीय


11.7.16

(जी.चक्रवर्ती)

उप महाप्रबन्धक,

रा. भा. प्रे. के.

Enclosed: Monthly report on RRAS mechanism.

वितरण सूची

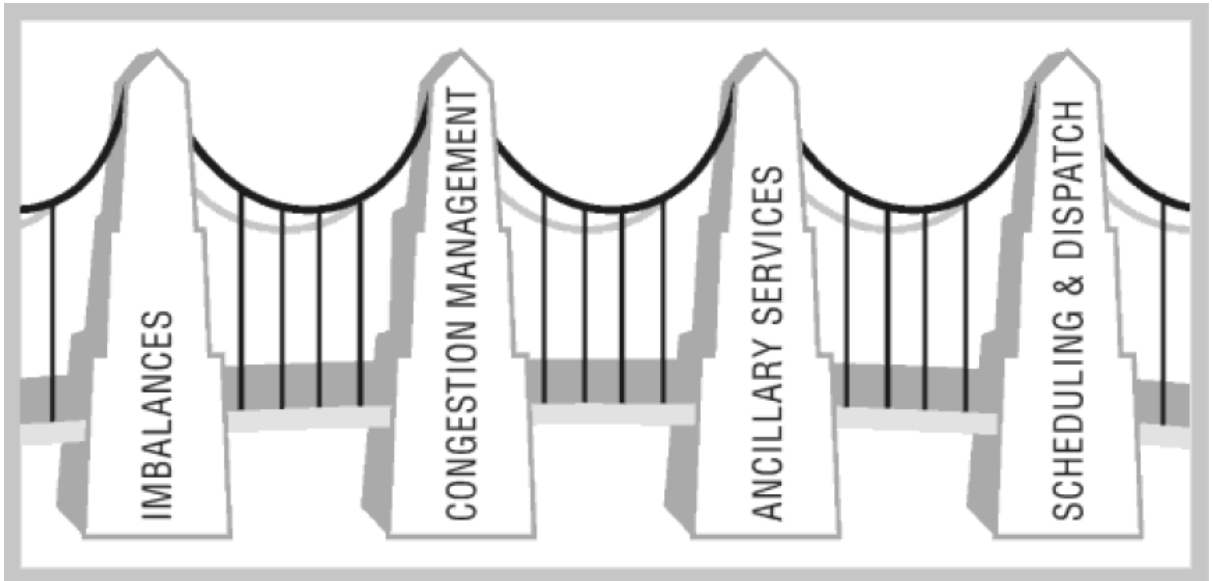
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General Manager, WRLDC, F-3, MIDC Area, Andheri (East), Mumbai-400093
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General Manager, NRLDC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 11 महाप्रबंधक, पू. क्षे. भा. प्रे. के., डॉंगतिह, लोअर नॉग्रह, लापलंग, शिलोंग - 793006
General Manager, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006
- 12 अपर महाप्रबंधक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009



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राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

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

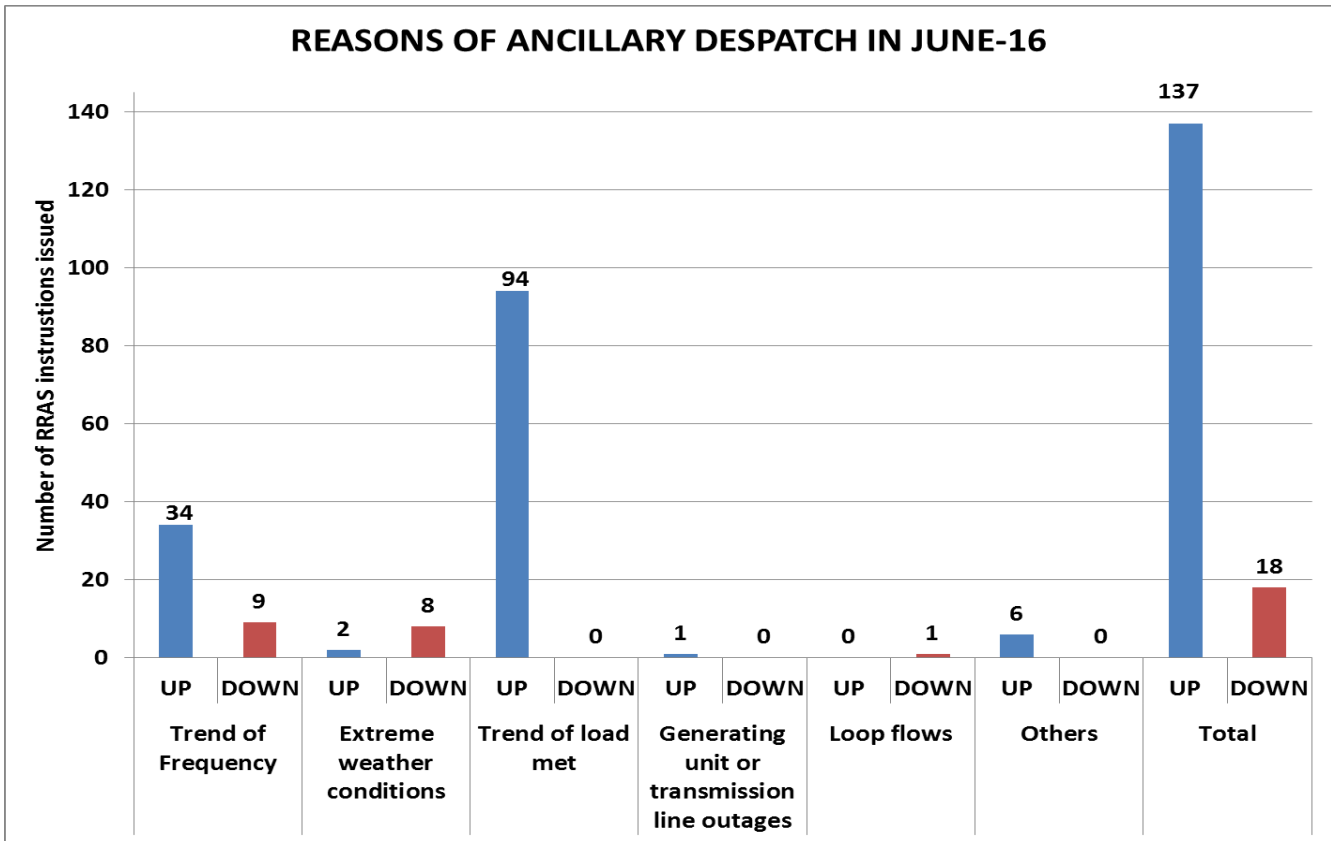


IMPLEMENTATION OF THE RRAS MECHANISM
REPORT FOR THE MONTH OF JUNE 2016

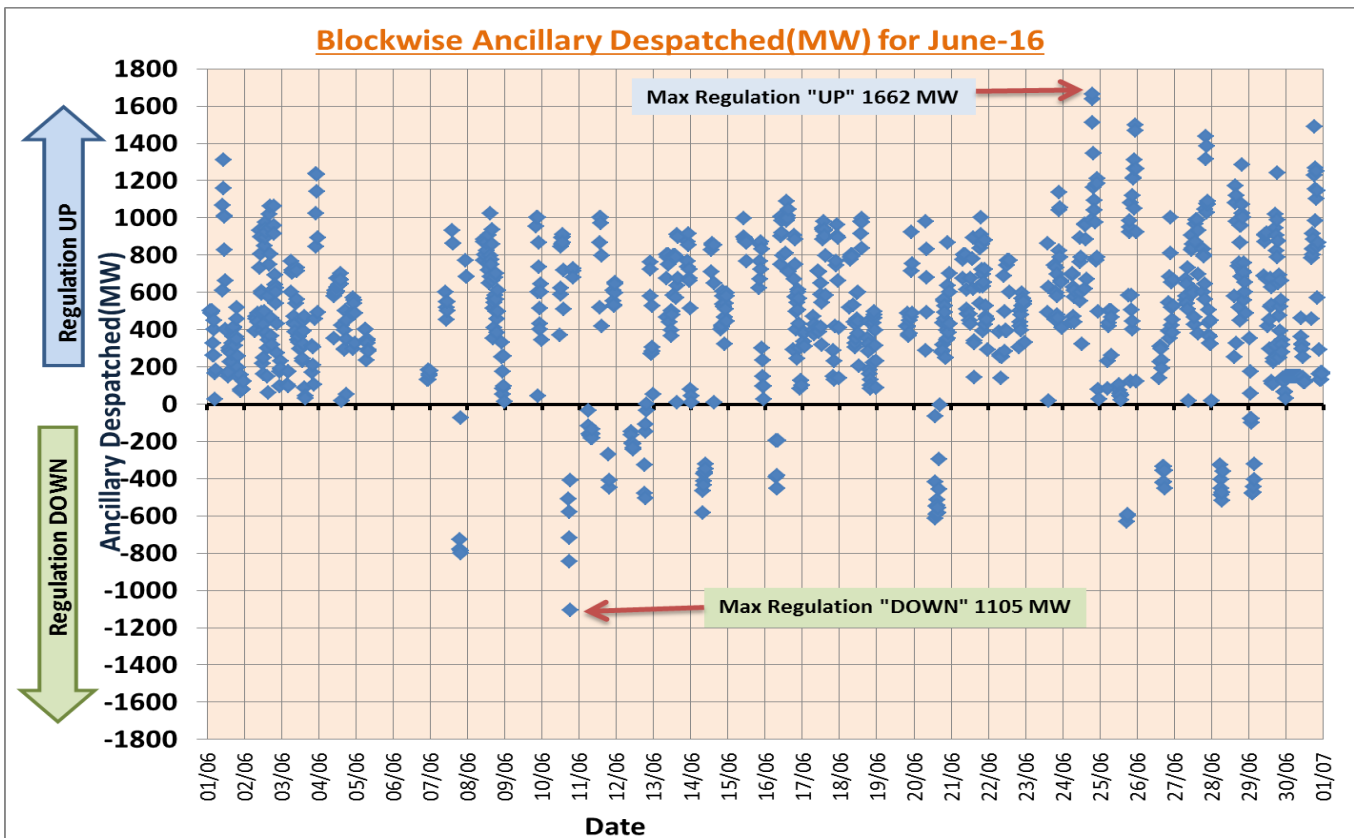
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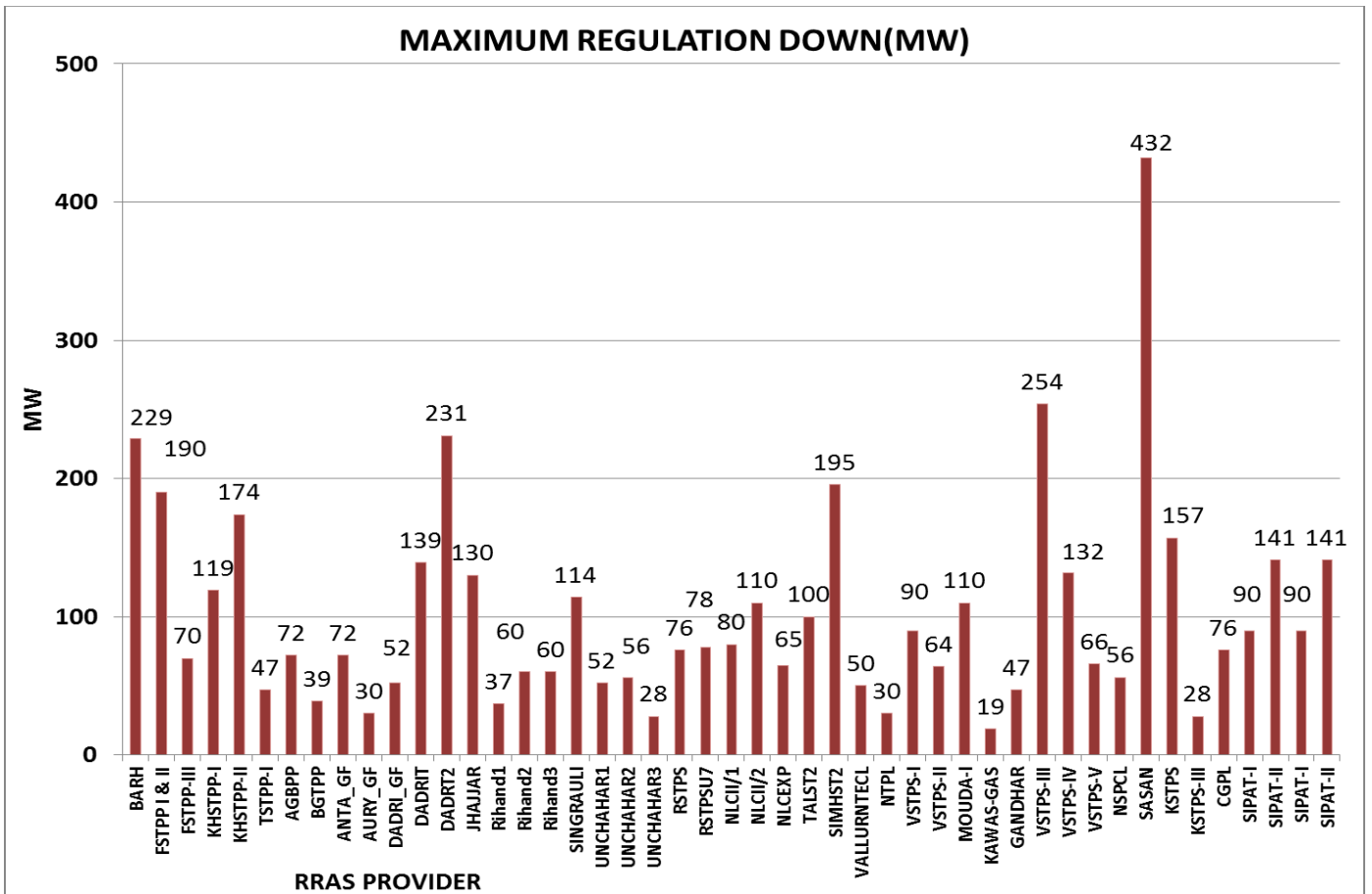
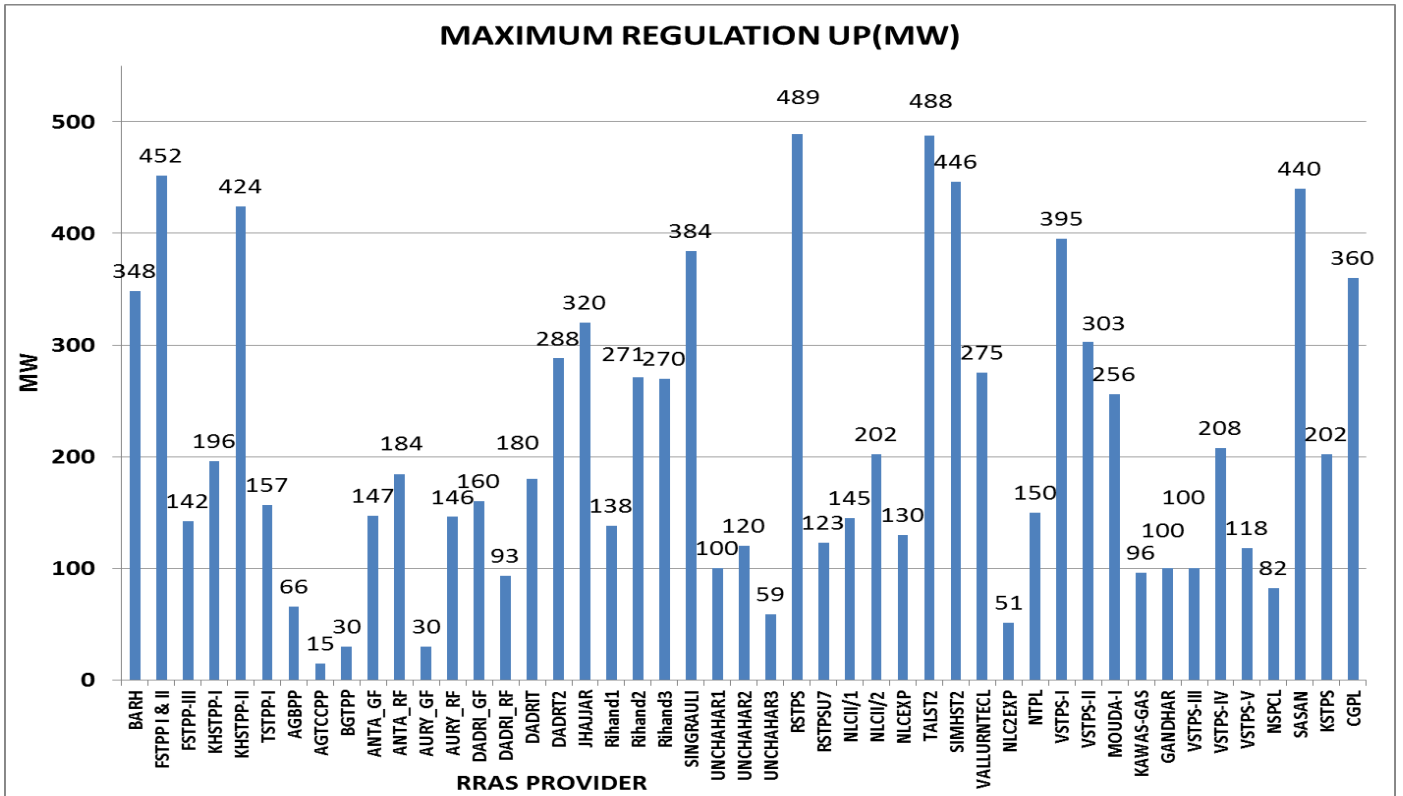
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Section-I: Reasons for Ancillary Services Despach –

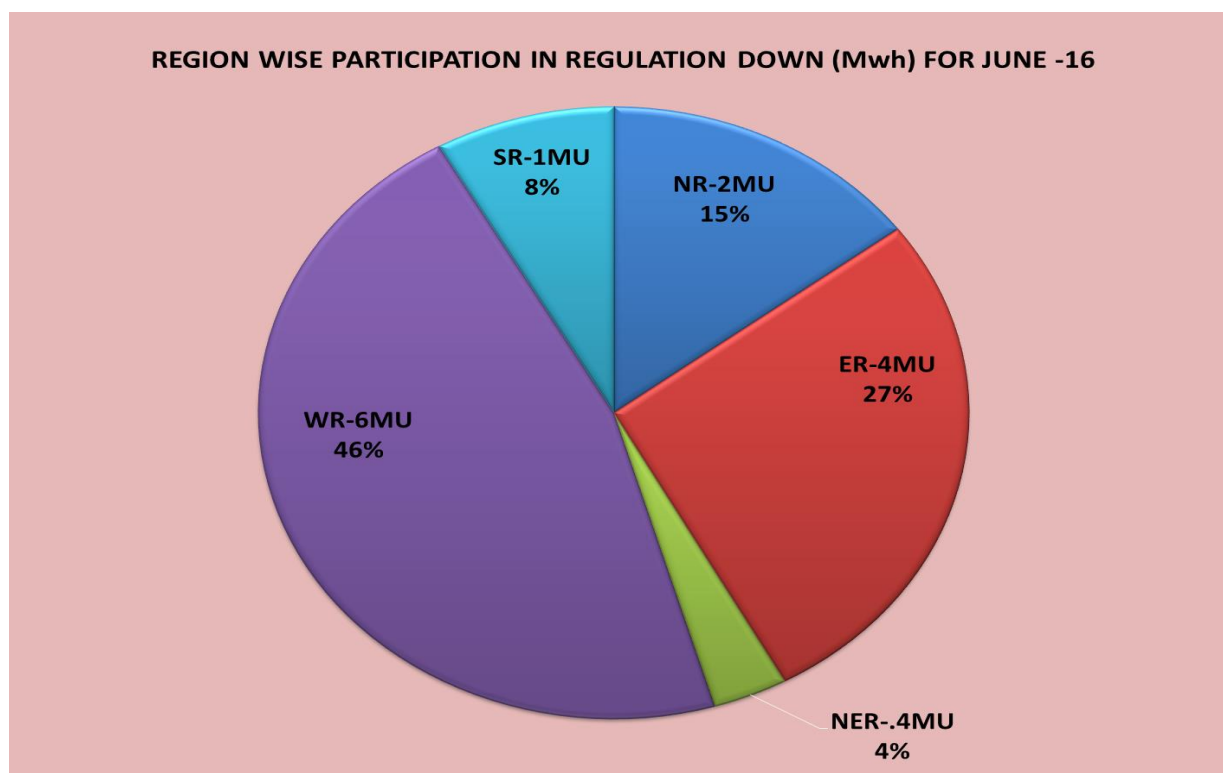
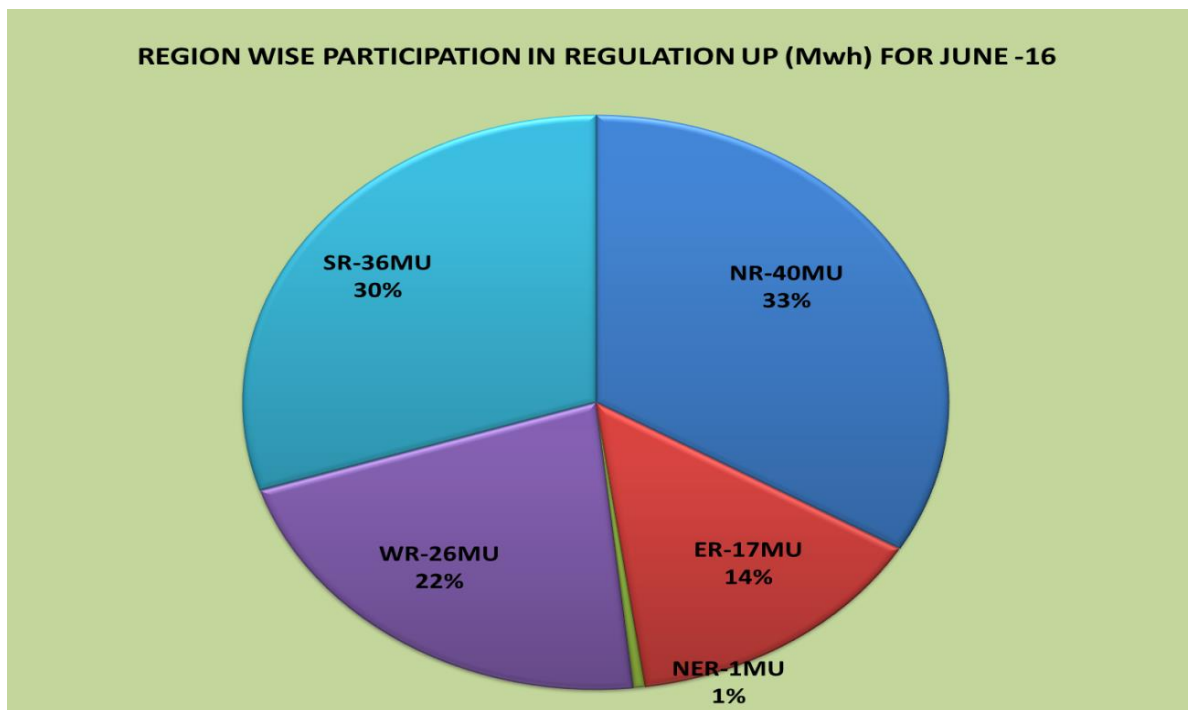


Section-II: Ancillary Despached(MW)–

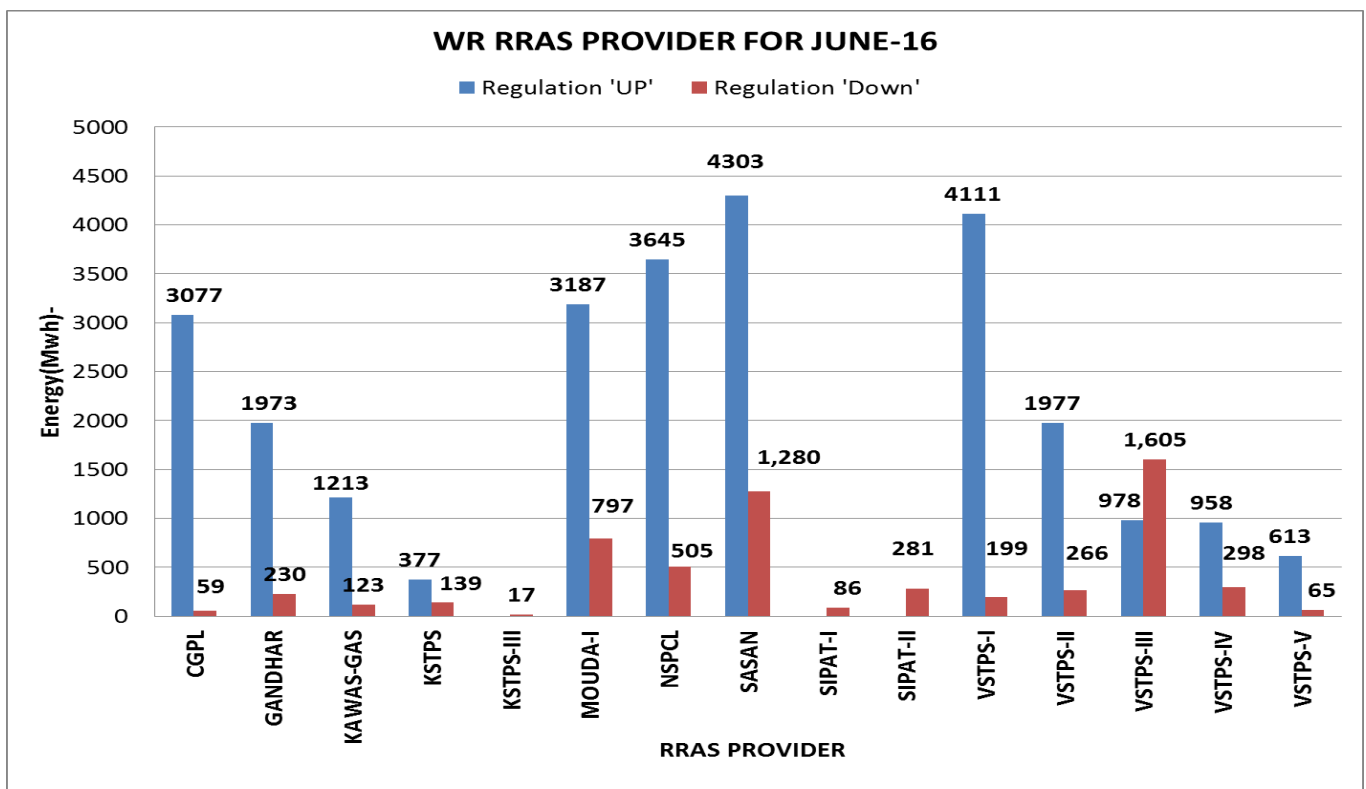
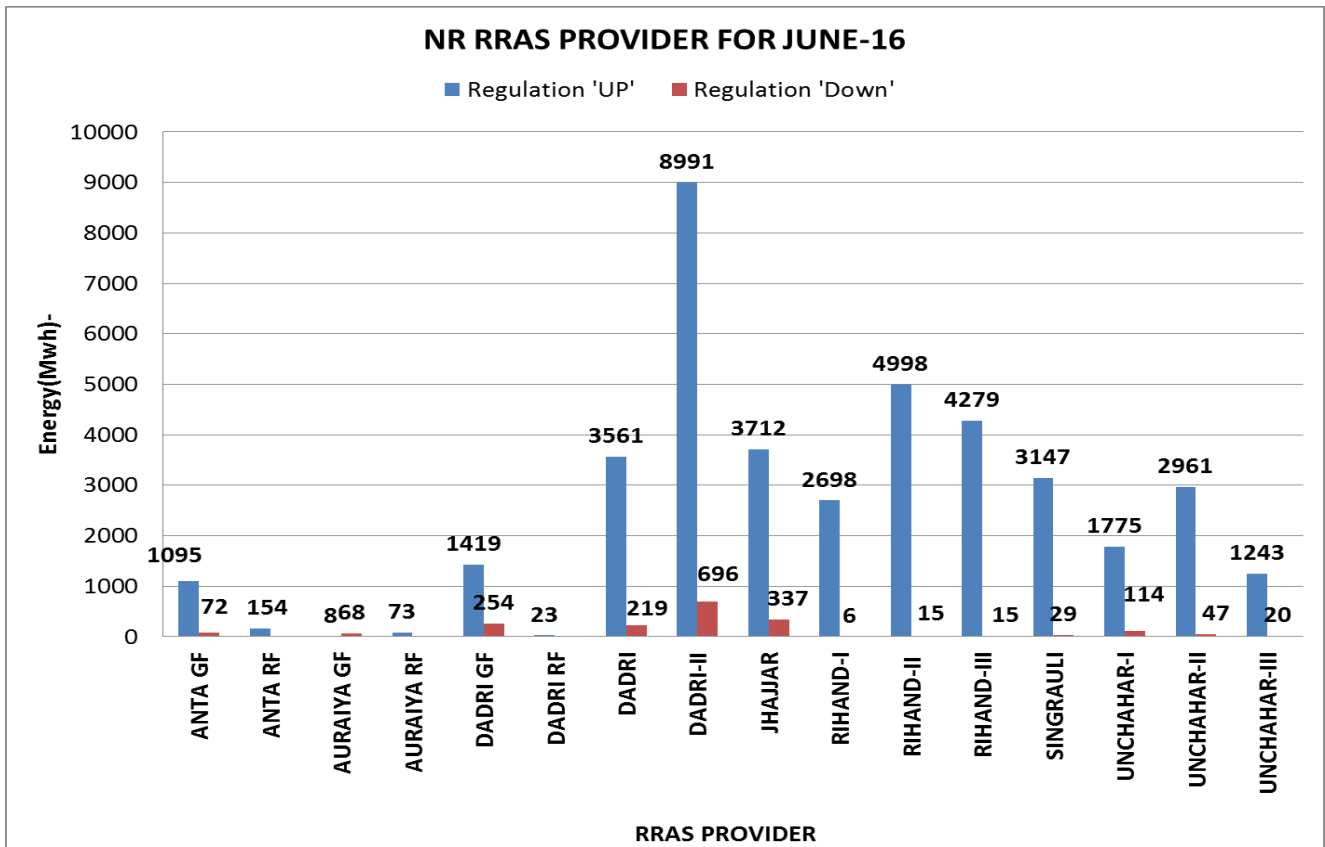


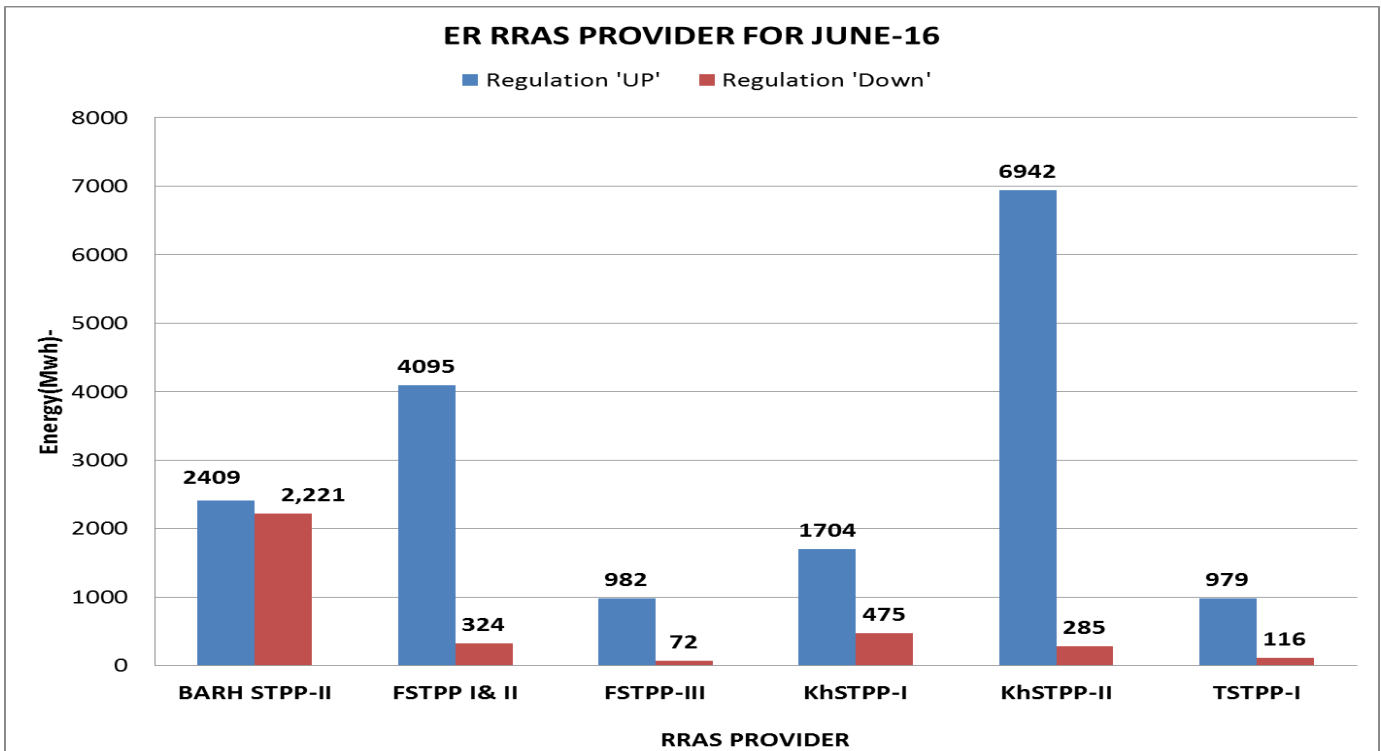
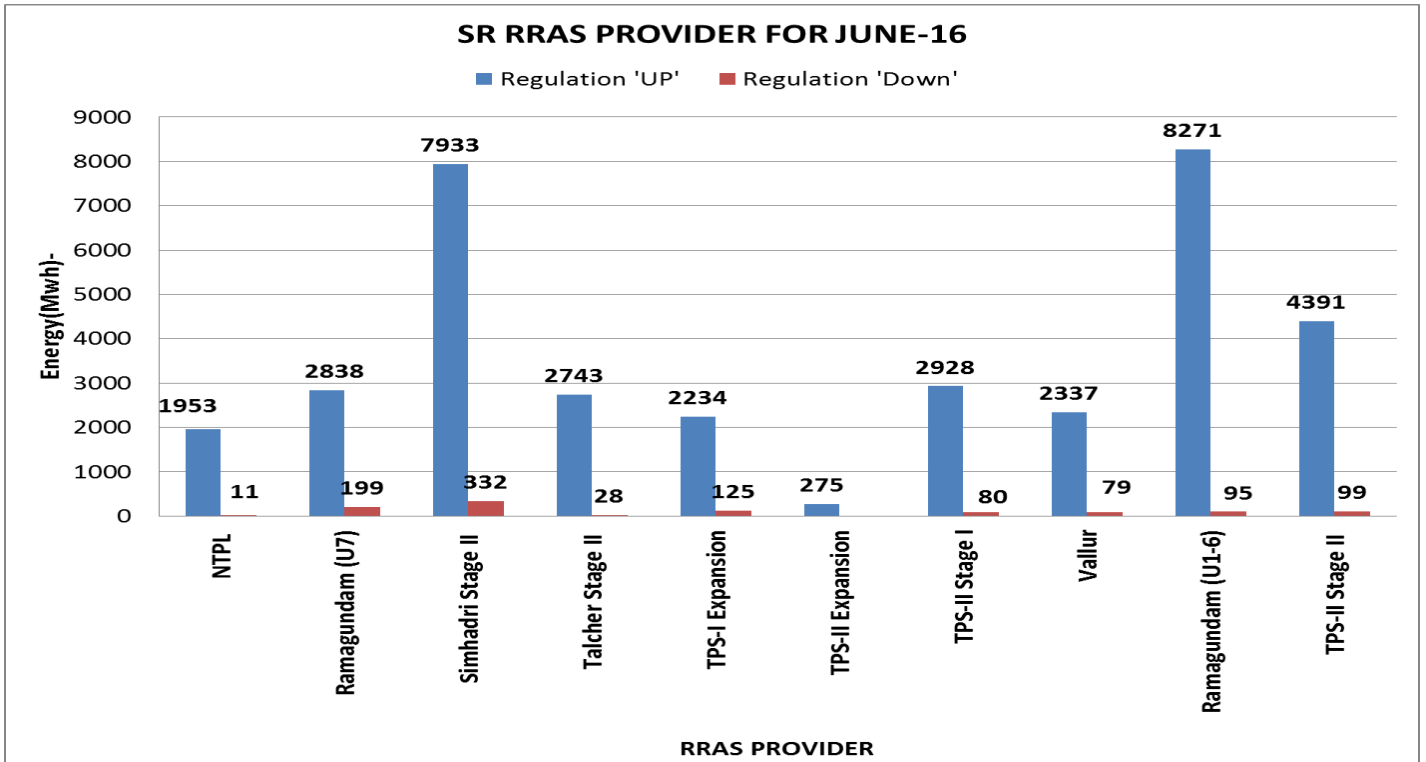


Section-III: Region wise participation in RRAS-

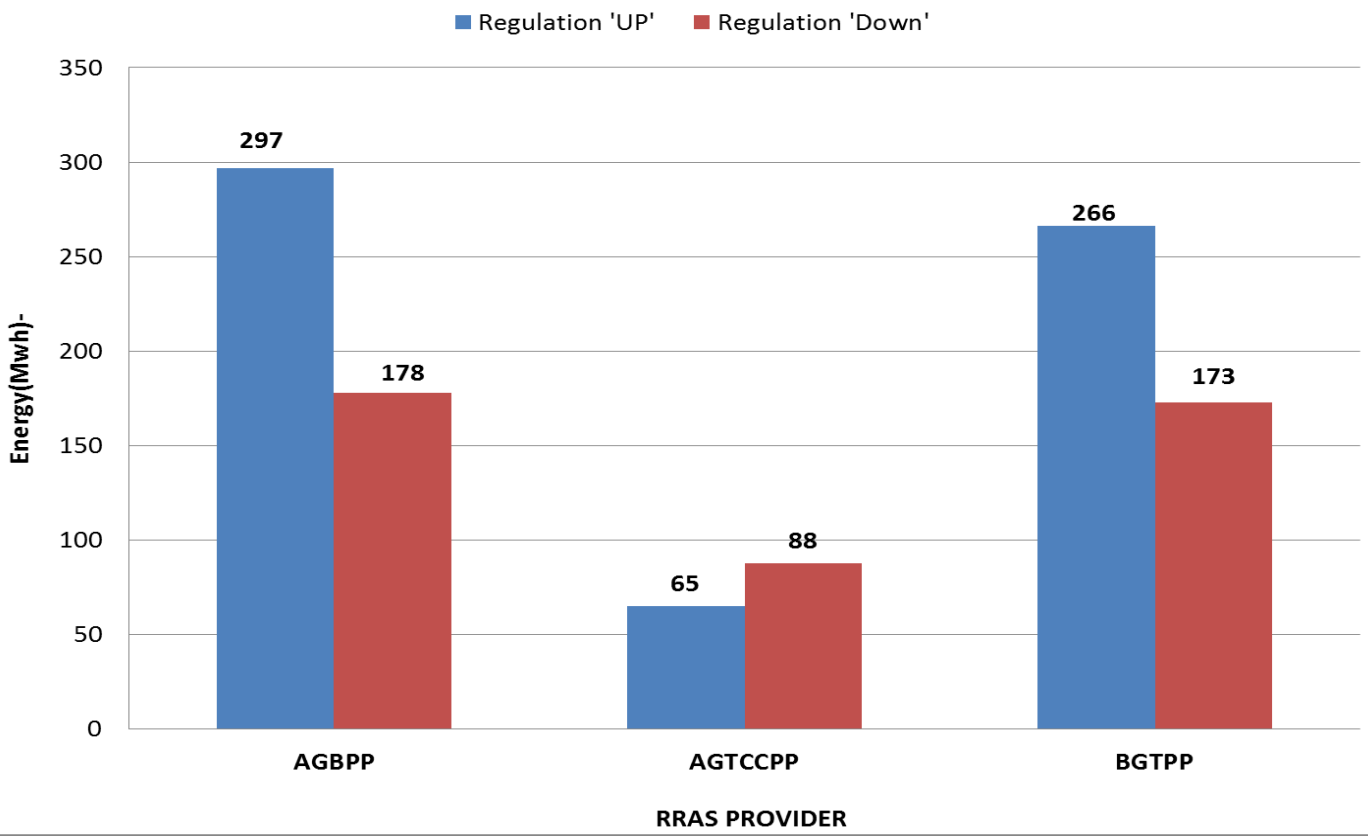


Section IV: Region wise energy despatch in Ancillary services-

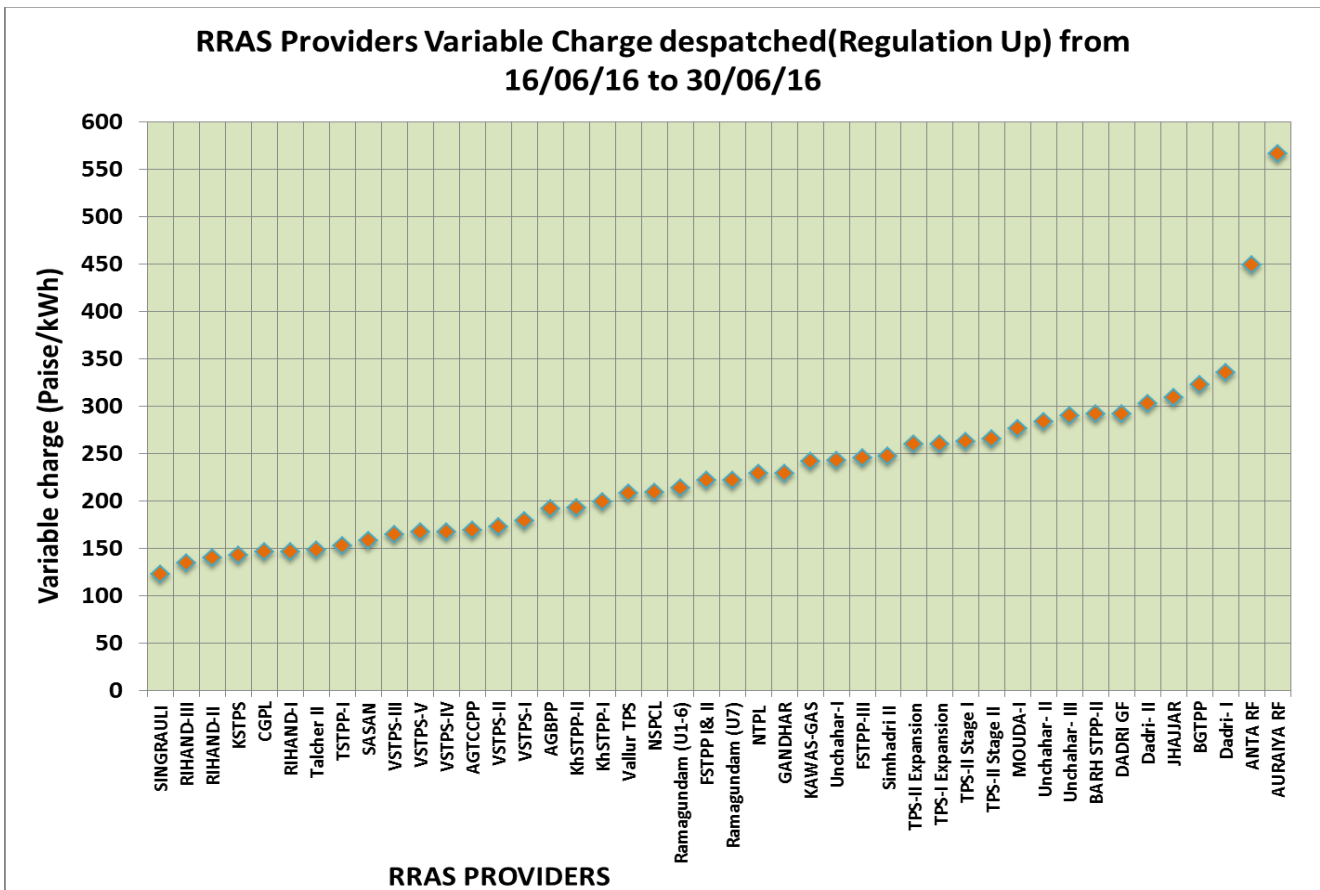
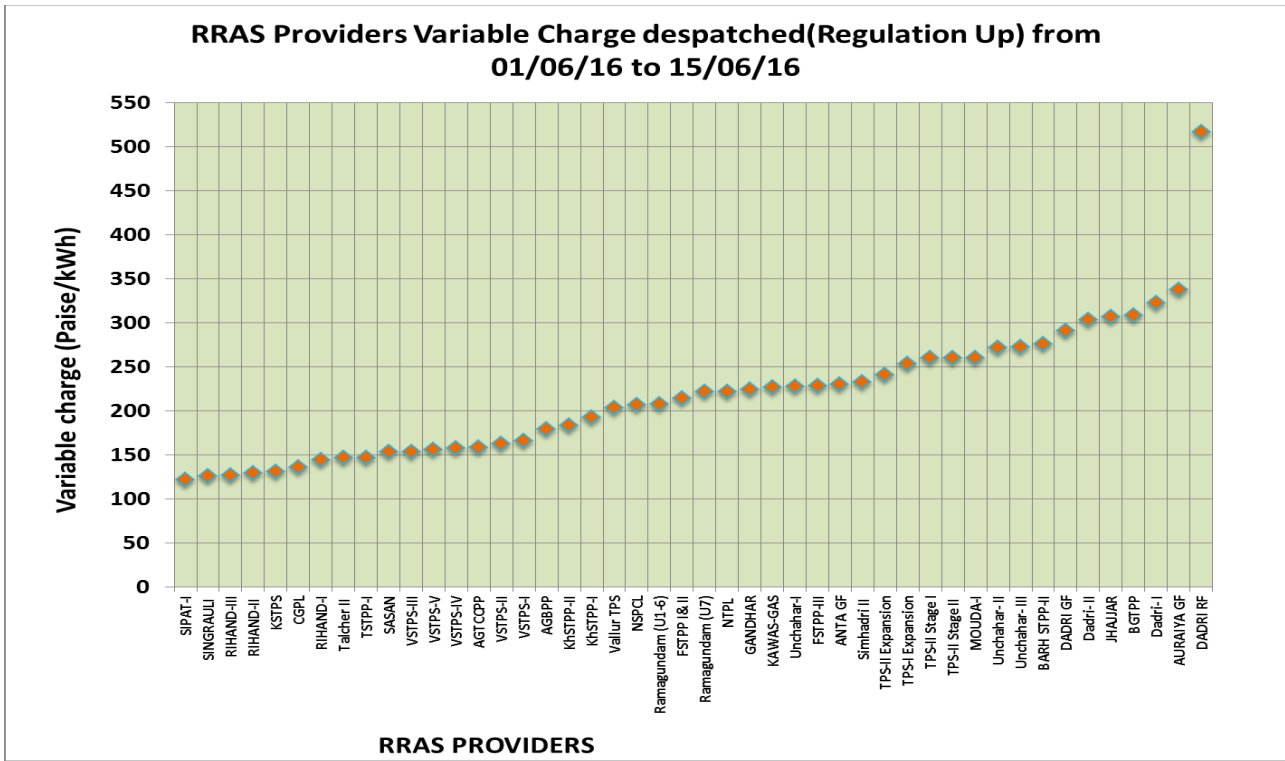


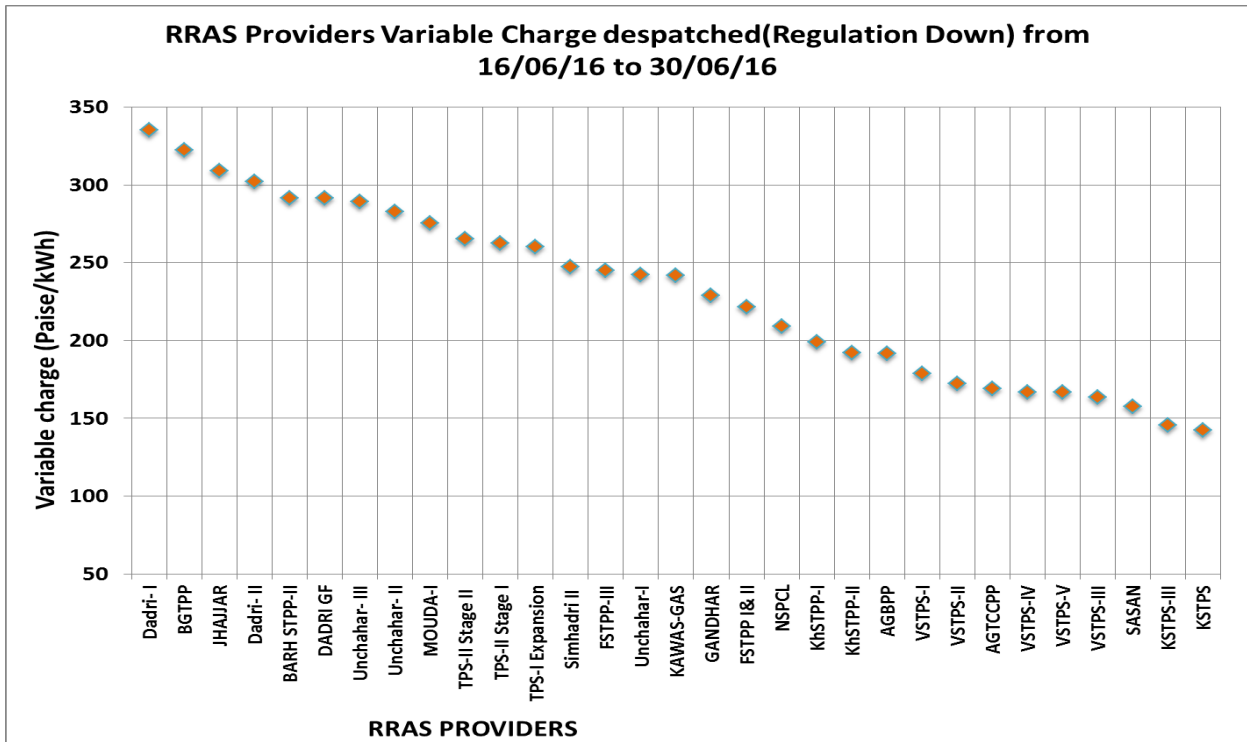
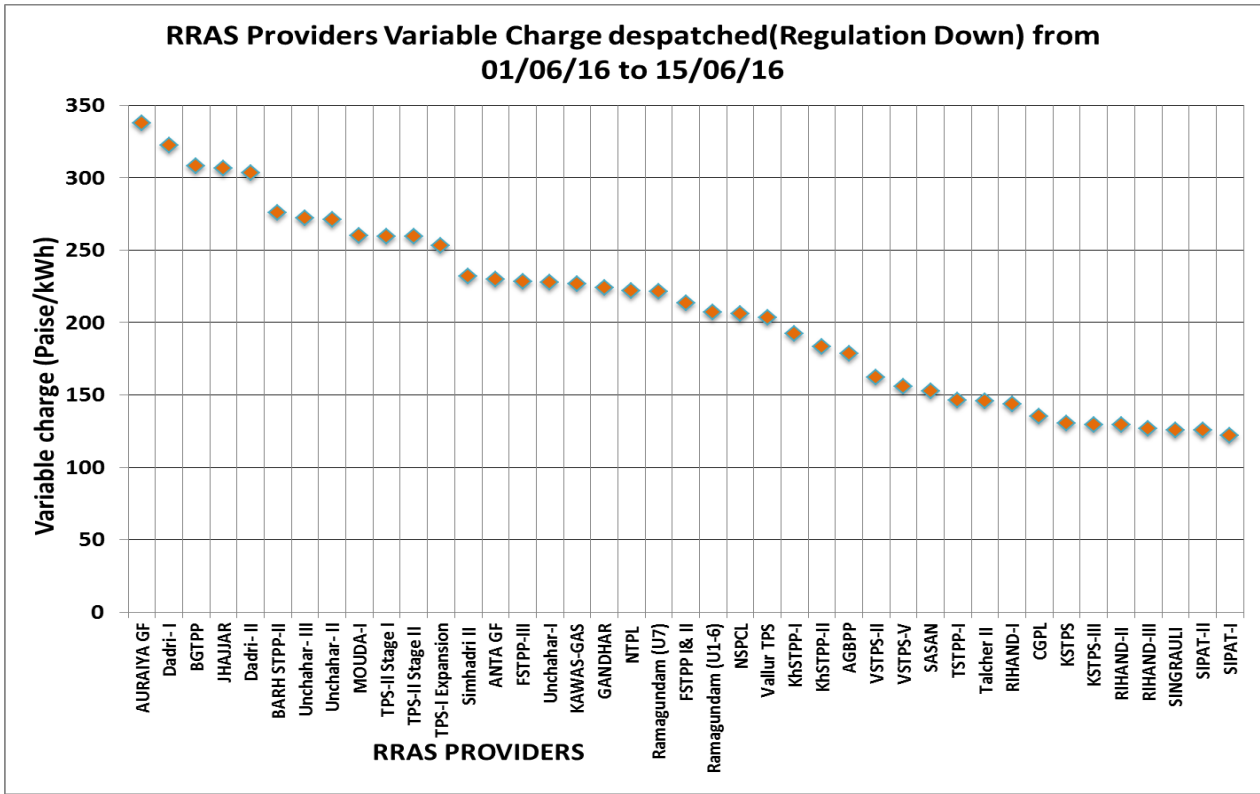


NER RRAS PROVIDER FOR JUNE-16



Section V: Variable Cost of RRAS Providers Dispatched during the month





Section VII: Payment to the RRAS Provider(s) from the DSM Pool for Up Regulation from 30/05/2016 To 26/06/2016-

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	3873	7396607	10597799	1936284	19930689
2	ER	FSTPP I& II	5837	4599706	12735964	2918595	20254267
3	ER	FSTPP-III	2369	3898174	5197564	1184495	10280233
4	ER	KhSTPP-I	1806	1686660	3701279	902924	6290863
5	ER	KhSTPP-II	9611	11119497	18460042	4805314	34384852
6	ER	TSTPP-I	1103	873252	1689769	551297	3114318
	ER	Total	24598	29573896	52382417	12298909	94255222
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)
7	NER	AGBPP	297	547244	530116	148385	1225745
8	NER	AGTCCPP	65	91460	109075	32500	233035
9	NER	BGTPP	214	525280	699678	107000	1331958
	NER	Total	576	1163984	1338868	287885	2790738
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)
10	NR	ANTA GF	1095	730894	2518088	547649	3796631
11	NR	ANTA RF	154	100571	692274	77125	869970
12	NR	AURAIYA GF	8	3772	25328	3750	32850
13	NR	AURAIYA RF	73	36573	413253	36500	486326
14	NR	DADRI GF	1167	601123	3291979	583257	4476359
15	NR	DADRI RF	23	11997	120179	11625	143801
16	NR	DADRI TPS	1690	1470797	5450250	844804	7765851
17	NR	DADRI-II TPS	7216	11388605	21860720	3608081	36857406
18	NR	JHAJJAR	3521	6016916	10833792	1760624	18611332
19	NR	RIHAND-I	2215	1723644	3169535	1107740	6000919
20	NR	RIHAND-II	4079	3732135	5620544	2039419	11392098
21	NR	RIHAND-III	3494	5177530	4735684	1746805	11660019
22	NR	SINGRAULI	2566	1364988	3155586	1282884	5803458
23	NR	UNCHAHAAR-I	1160	976889	3315474	580102	4872465
24	NR	UNCHAHAAR-II	1937	1698393	5467784	968397	8134574
25	NR	UNCHAHAAR-III	692	951679	1965994	345814	3263487
		Total	31089	35986506	72636464	15544576	124167546

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)
26	SR	NTPL	1791	2618539	4060043	895711	7574293
27	SR	Ramagundam (U1-6)	6824	4046552	14170879	3411933	21629364
28	SR	Ramagundam (U7)	2317	2154998	5132198	1158601	8445797
29	SR	Simhadri Stage II	7286	11749361	17233704	3642776	32625843
30	SR	Talcher Stage II	899	699054	1321907	449264	2470225
31	SR	TPS-I Expansion	2150	2837631	5380187	1075063	9292880
32	SR	TPS-II Expansion	275	583631	665580	137335	1386546
33	SR	TPS-II Stage I	2415	1505562	6275708	1207685	8988956
34	SR	TPS-II Stage II	3791	2432826	9848650	1895741	14177218
35	SR	Vallur	1164	2015836	2302365	581939	4900140
		Total	28912	30643990	66391221	14456048	111491262
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	WR	CGPL	1734	196344	2339445	867125	3402913
37	WR	GANDHAR	1697	1549514	3793552	848584	6191650
38	WR	KAWAS-GAS	737	537868	1668082	368402	2574351
39	WR	MOUDA-I	2841	5375177	7398453	1420501	14194130
40	WR	NSPCL	2996	5308167	6064342	1497790	12870301
41	WR	SASAN	2088	369989	3182683	1043988	4596659
42	WR	VSTPS-I	3285	2082374	5498252	1642250	9222875
43	WR	VSTPS-II	939	586720	1539051	469375	2595145
44	WR	VSTPS-III	881	960899	1383085	440375	2784358
45	WR	VSTPS-IV	428	651859	691522	214005	1557386
46	WR	VSTPS-V	174	221040	272038	86750	579827
		Total	17798	17839951	33830505	8899145	60569595
ALL INDIA		Total	102973	115208327	226579475	51486563	393274363

Section VII: Payments by the RRAS Provider(s) to the DSM Pool for DOWN Regulation from 30/05/2016 To 26/06/2016

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	1933	5329761	3997322
2	ER	FSTPP I& II	224	482992	362244
3	ER	FSTPP-III	72	156871	117653
4	ER	KhSTPP-I	350	673416	505062
5	ER	KhSTPP-II	195	357734	268300
6	ER	TSTPP-I	116	169842	127381
	ER	Total	2890	7170616	5377962
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)
7	NER	AGBPP	66	116983	87737
8	NER	BGTPP	89	274431	205823
	NER	Total	155	391414	293561
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)
9	NR	ANTA GF	72	165827	124371
10	NR	AURAIYA GF	68	227947	170960
11	NR	DADRI GF	164	435420	326566
12	NR	DADRI TPS	219	706308	529731
13	NR	DADRI-II TPS	696	2105796	1579347
14	NR	JHAJJAR	258	796273	597206
15	NR	RIHAND STPS	6	9167	6875
16	NR	RIHAND-II STPS	15	19412	14559
17	NR	RIHAND-III STPS	15	19037	14278
18	NR	SINGRAULI STPS	29	35796	26847
19	NR	UNCHAHAR-I TPS	114	319902	239926
20	NR	UNCHAHAR-II TPS	47	131753	98814
21	NR	UNCHAHAR-III TPS	20	55098	41323
	NR	Total	1723	5027736	3770803

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)
22	SR	Ramagundam (U7)	199.205	442496	331872
23	SR	Simhadri Stage II	332.22	508794	381596
24	SR	Talcher Stage II	27.5	204958	153719
25	SR	Vallur Thermal Power Station	79.3575	161254	120941
26	SR	NTPL	11.25	24953	18715
27	SR	Ramagundam (U1-6)	80.4875	165297	123973
28	SR	TPS-I Expansion	124.9725	315751	236813
29	SR	TPS-II Stage I	95.2425	247244	185434
30	SR	TPS-II Stage II	99.335	257878	193410
	SR	Total	1049.57	2328625	1746473
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	WR	CGPL	59	79063	59297
32	WR	GANDHAR	20	44220	33165
33	WR	KAWAS-GAS	10	21546	16160
34	WR	KSTPS	109	142355	106765
35	WR	KSTPS-III	14	18102	13577
36	WR	MOUDA-I	347	901871	676404
37	WR	NSPCL	294	606744	455057
38	WR	SASAN	1163	1775733	1331800
39	WR	SIPAT-I	86	104358	78268
40	WR	SIPAT-II	281	352374	264281
41	WR	VSTPS-II	106	171932	128949
42	WR	VSTPS-III	1067	1633878	1225409
43	WR	VSTPS-IV	135	211423	158567
44	WR	VSTPS-V	9	13641	10231
	WR	Total	3698	6077240	4557930
ALL INDIA		Total	9515	20995631	15746729