

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
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संदर्भ संख्या:पोसोको/एनएलडीसी/एएसओ/2016/ 600

दिनांक: 22nd August, 2016

सेवा मे,

वितरण सूची के अनुसार


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

महोदया/महोदय,

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

सादर धन्यवाद,

भवदीय



(जी. चक्रवर्ती)

उप महाप्रबन्धक,

रा. भा. प्रे. के.

Monthly report on :Enclosed RRAS mechanism.

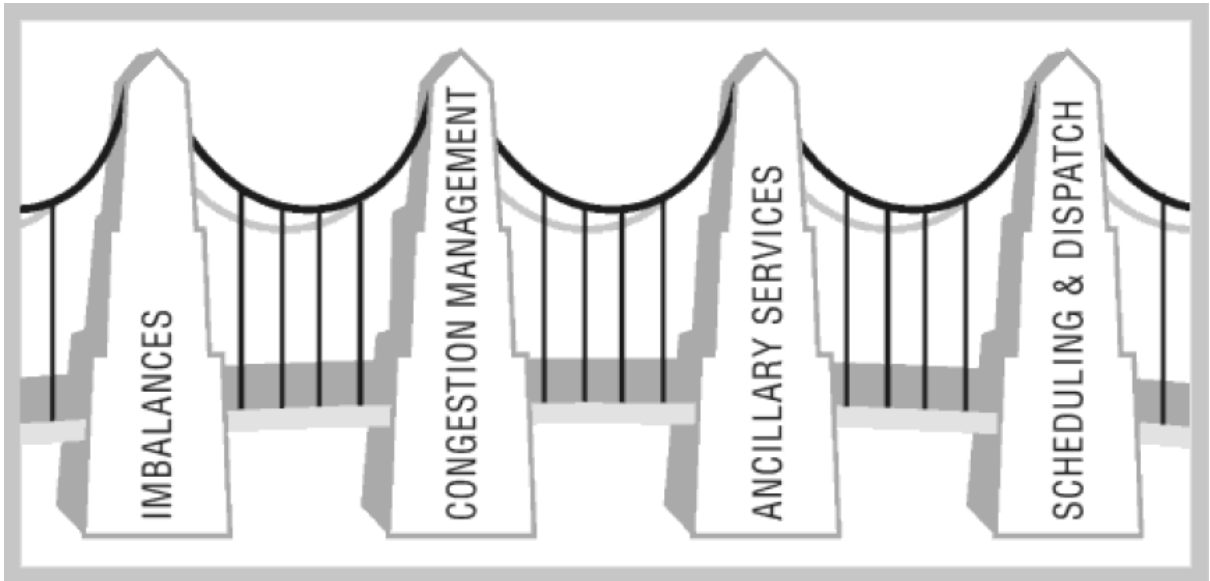
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General Manager, ERLDC, 14, Golf Club Road, Kolkata-700033
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General Manager, WRLDC, F-3, MIDC Area, Andheri (East), Mumbai-400093
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General Manager, NRLDC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 11 महाप्रबंधक, पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह, लापलंग, शिलोंग - 793006
General Manager, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006
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राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

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

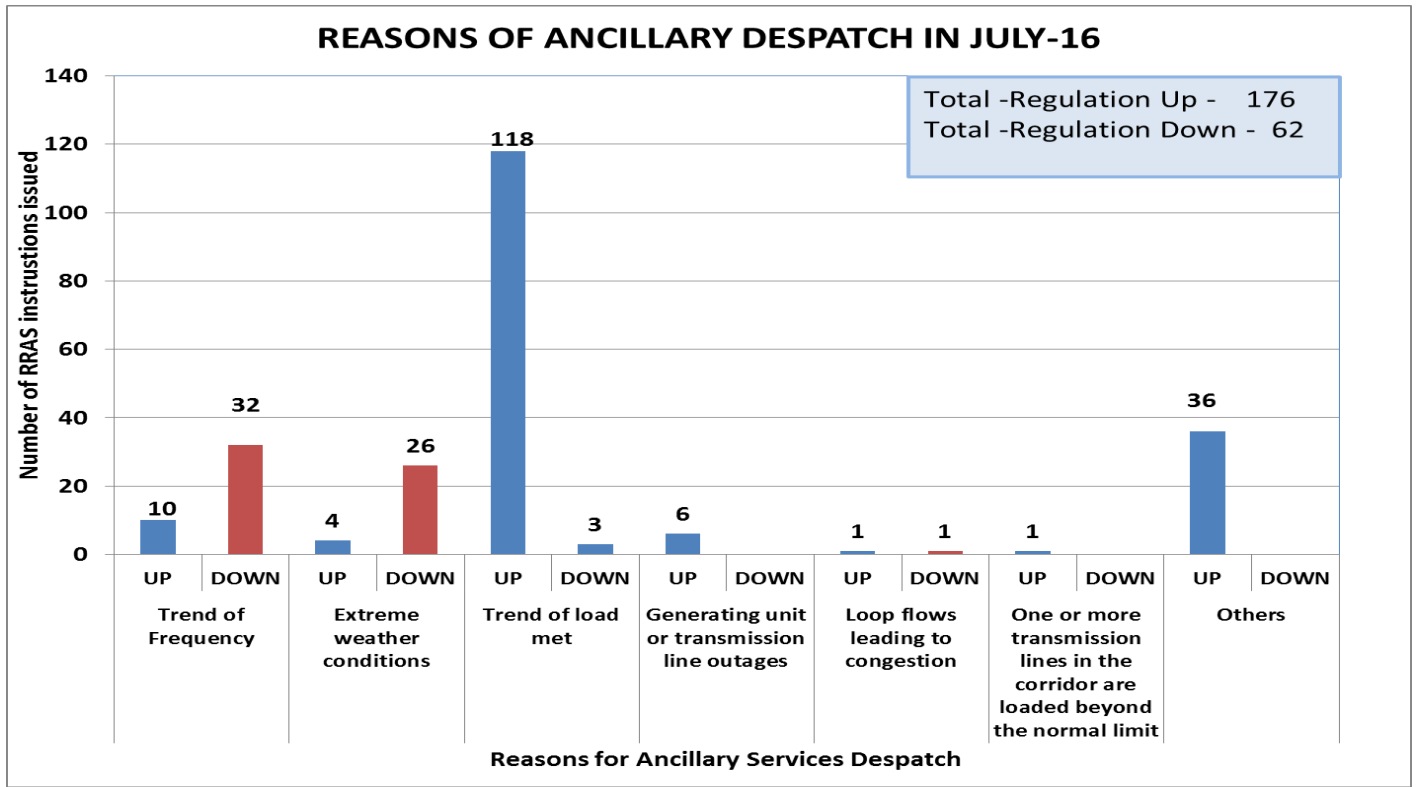


IMPLEMENTATION OF THE RRAS MECHANISM
REPORT FOR THE MONTH OF JULY 2016

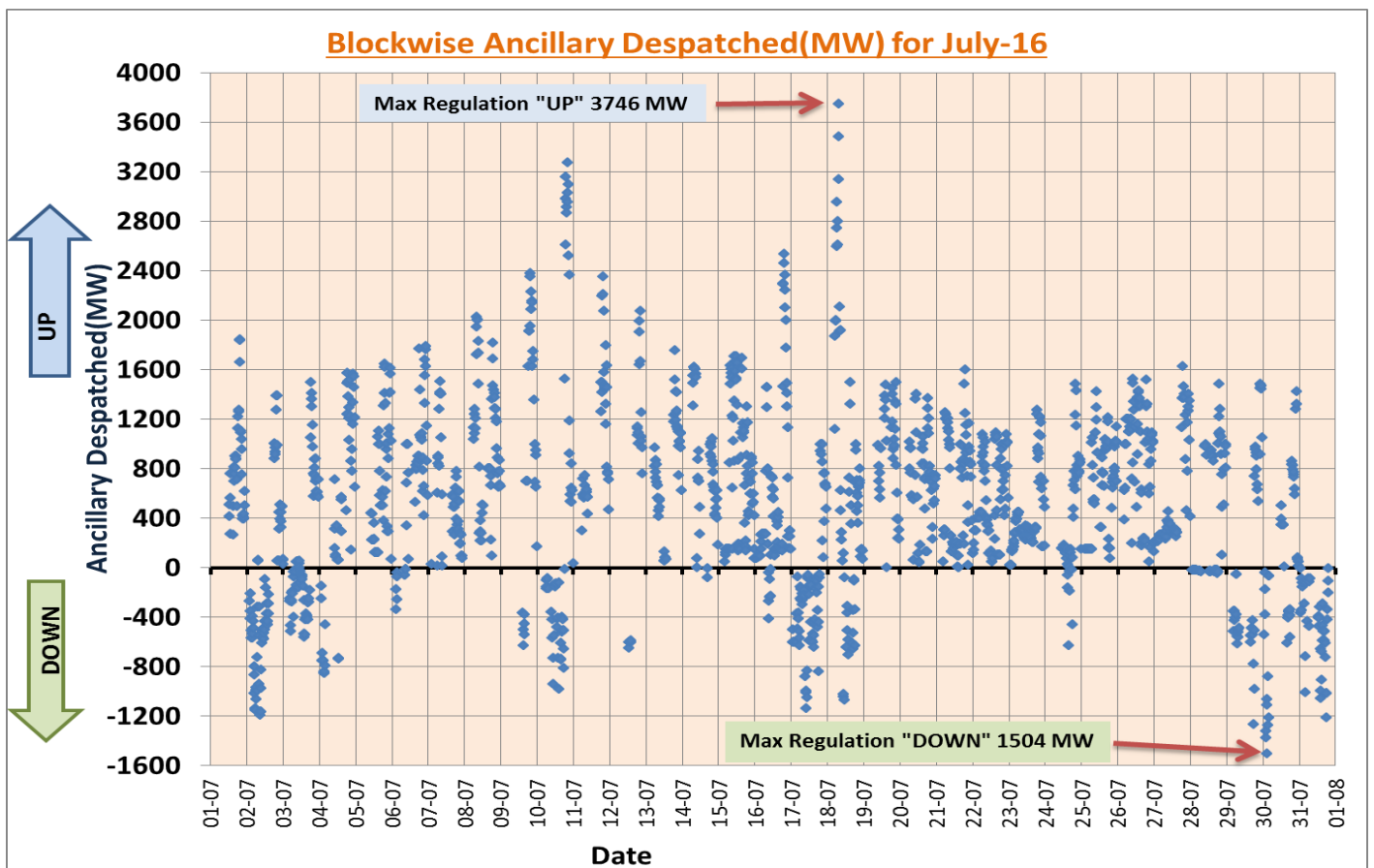
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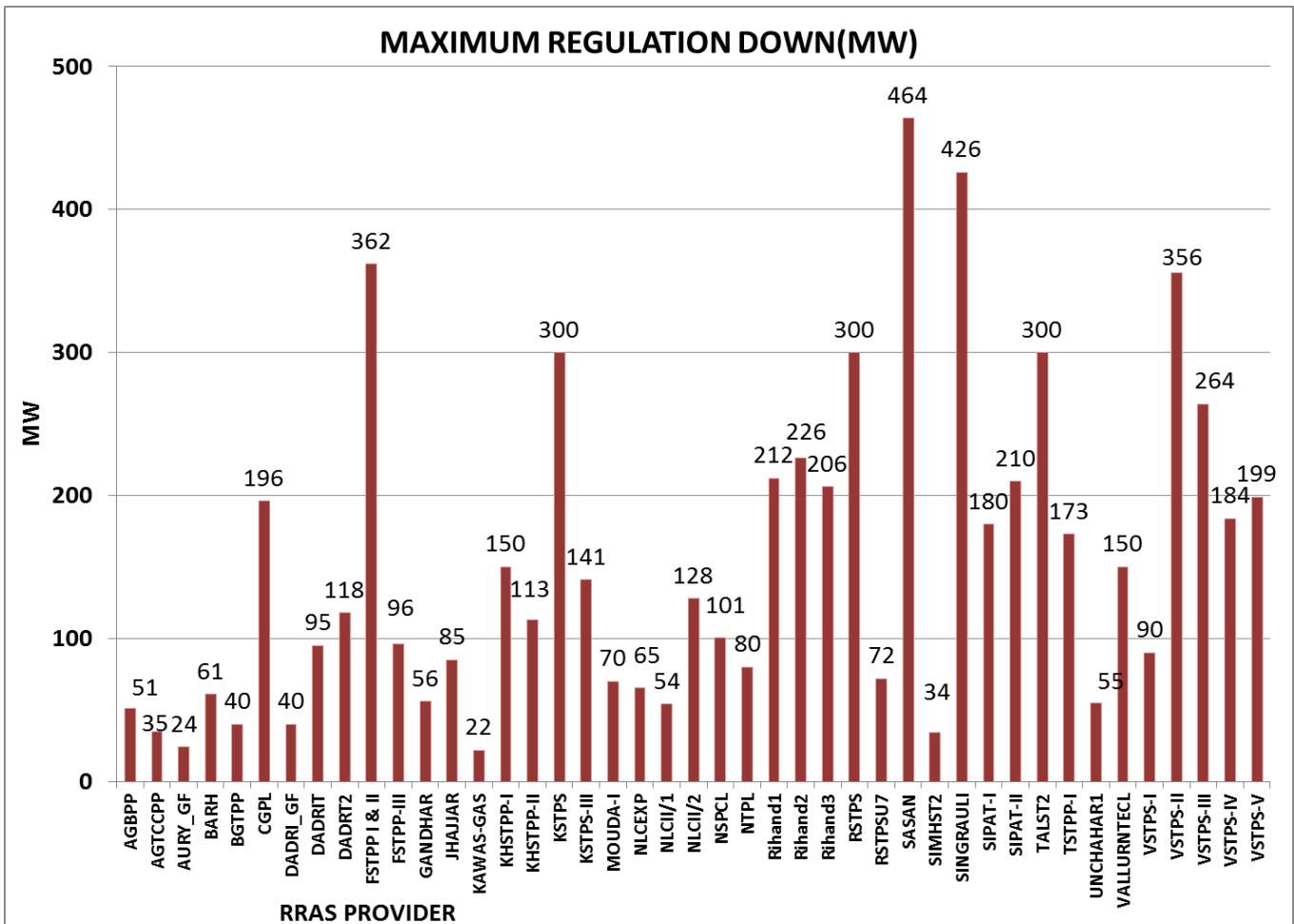
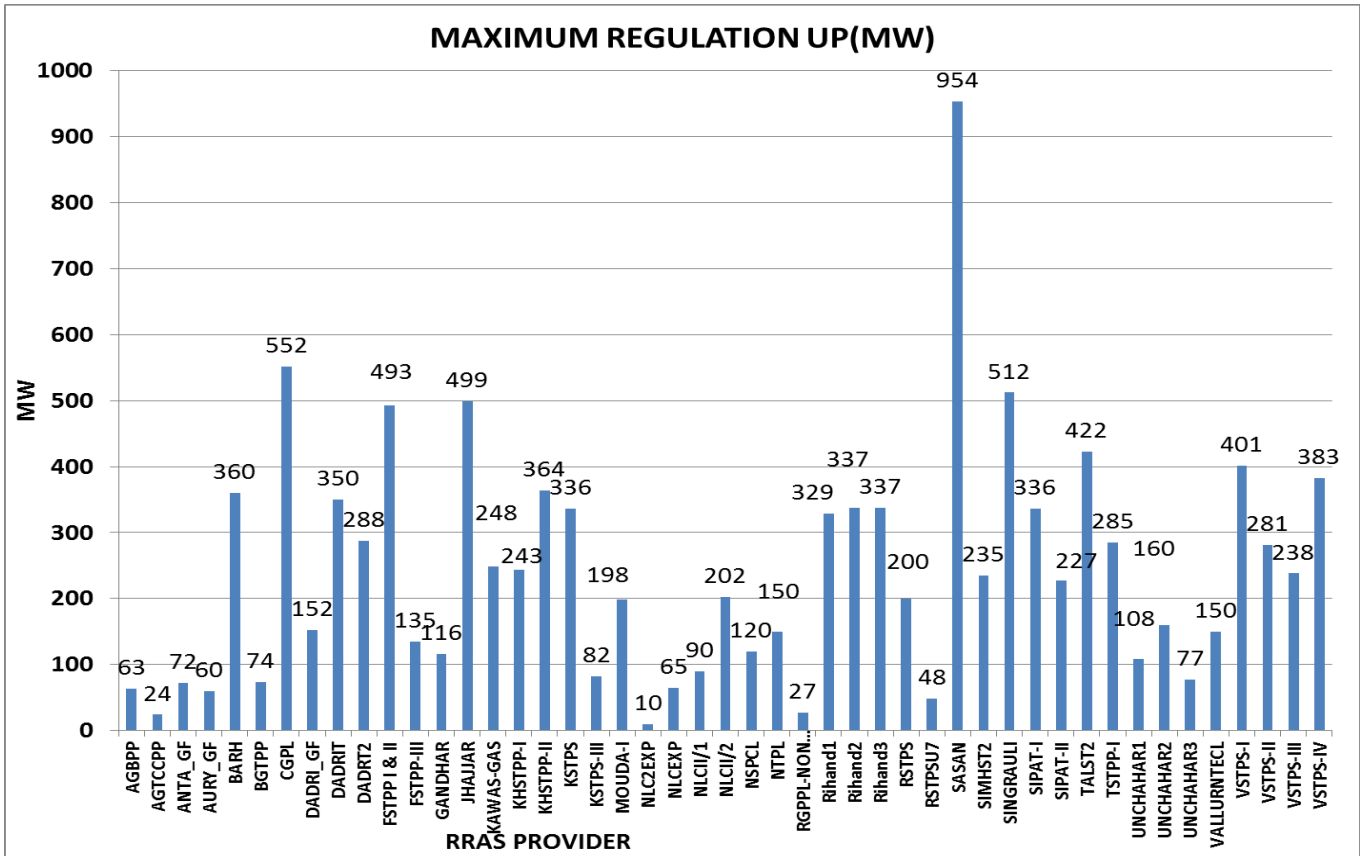
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Section-I: Reasons for Ancillary Services Despach –



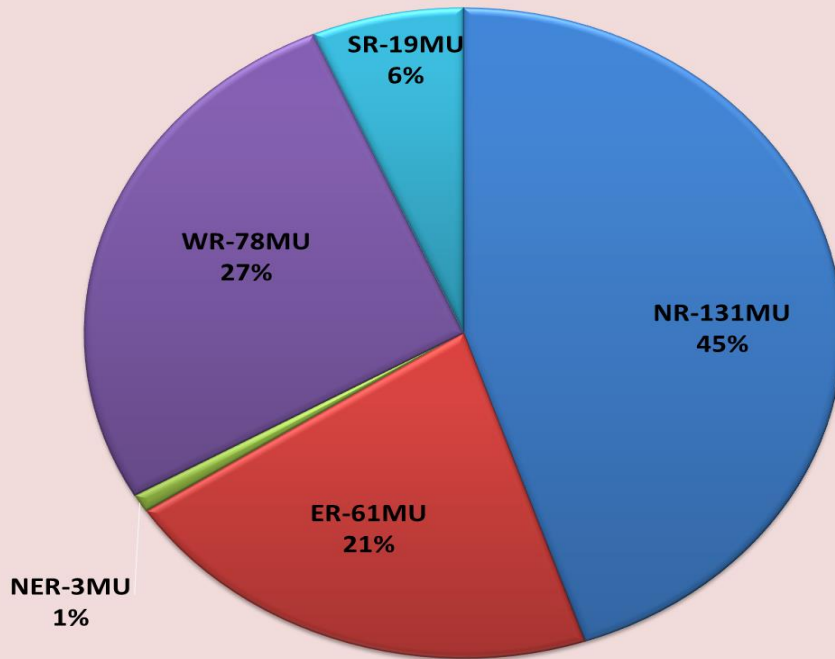
Section-II: Ancillary Despached (MW)–



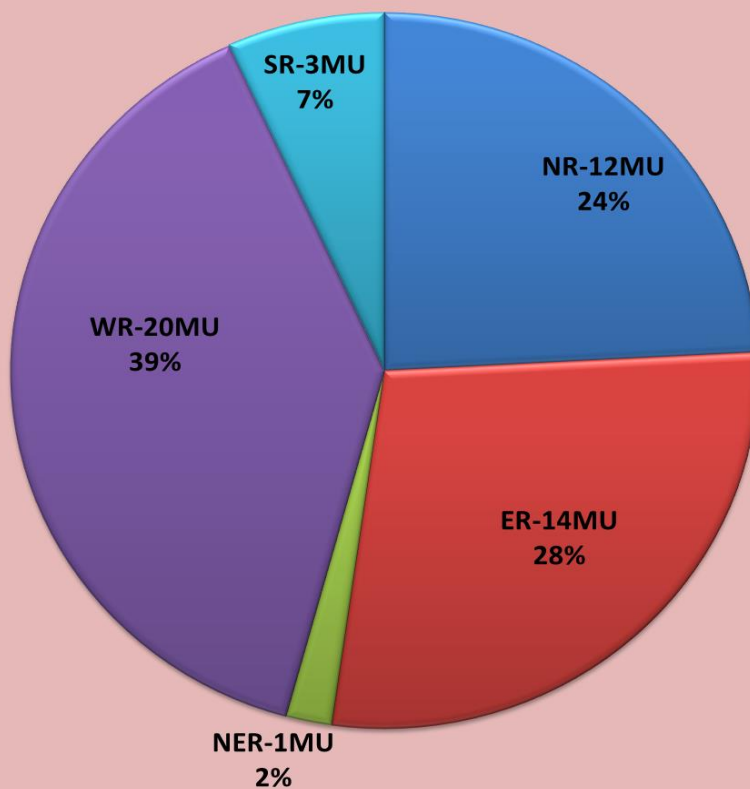


Section-III: Region wise participation in RRAS-

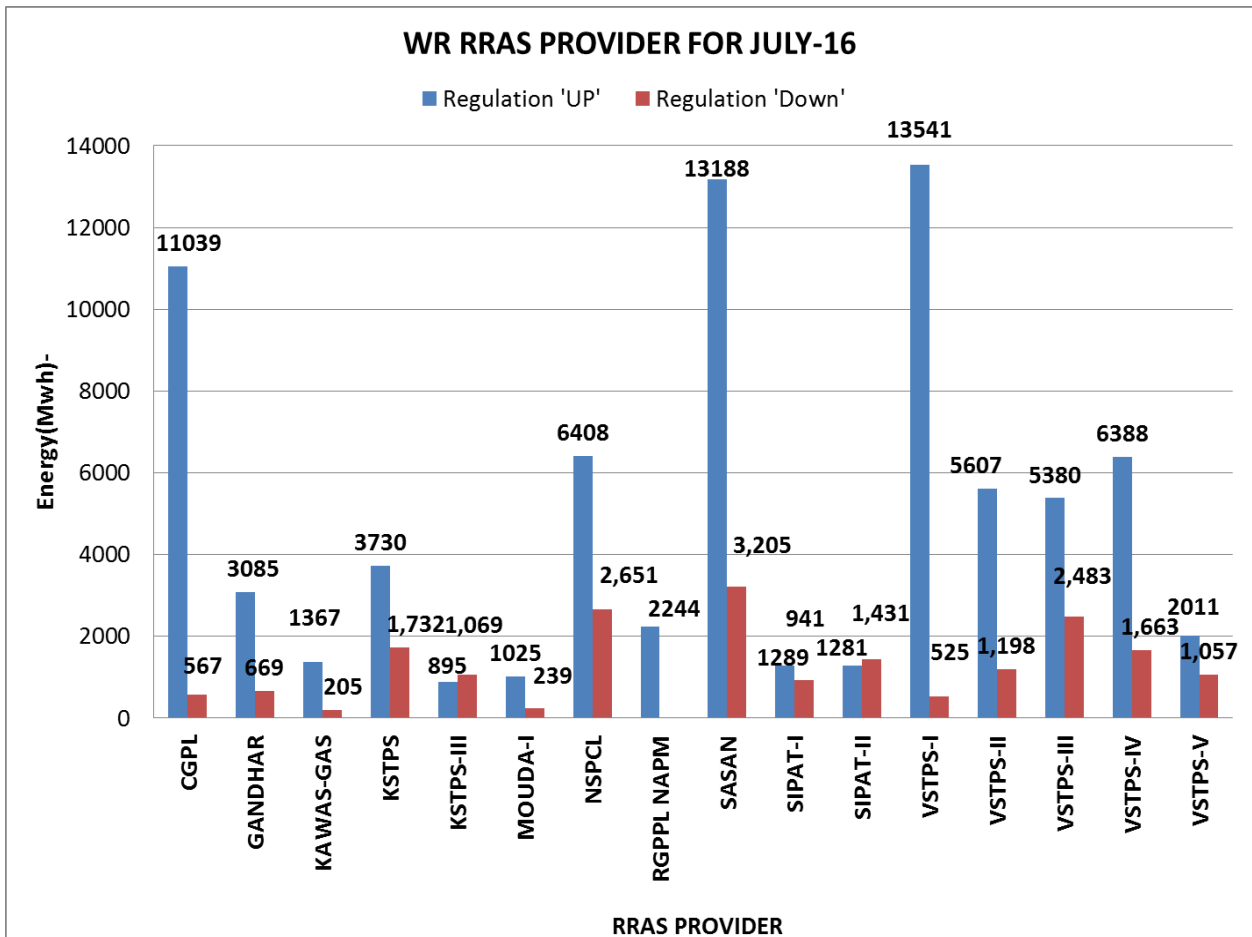
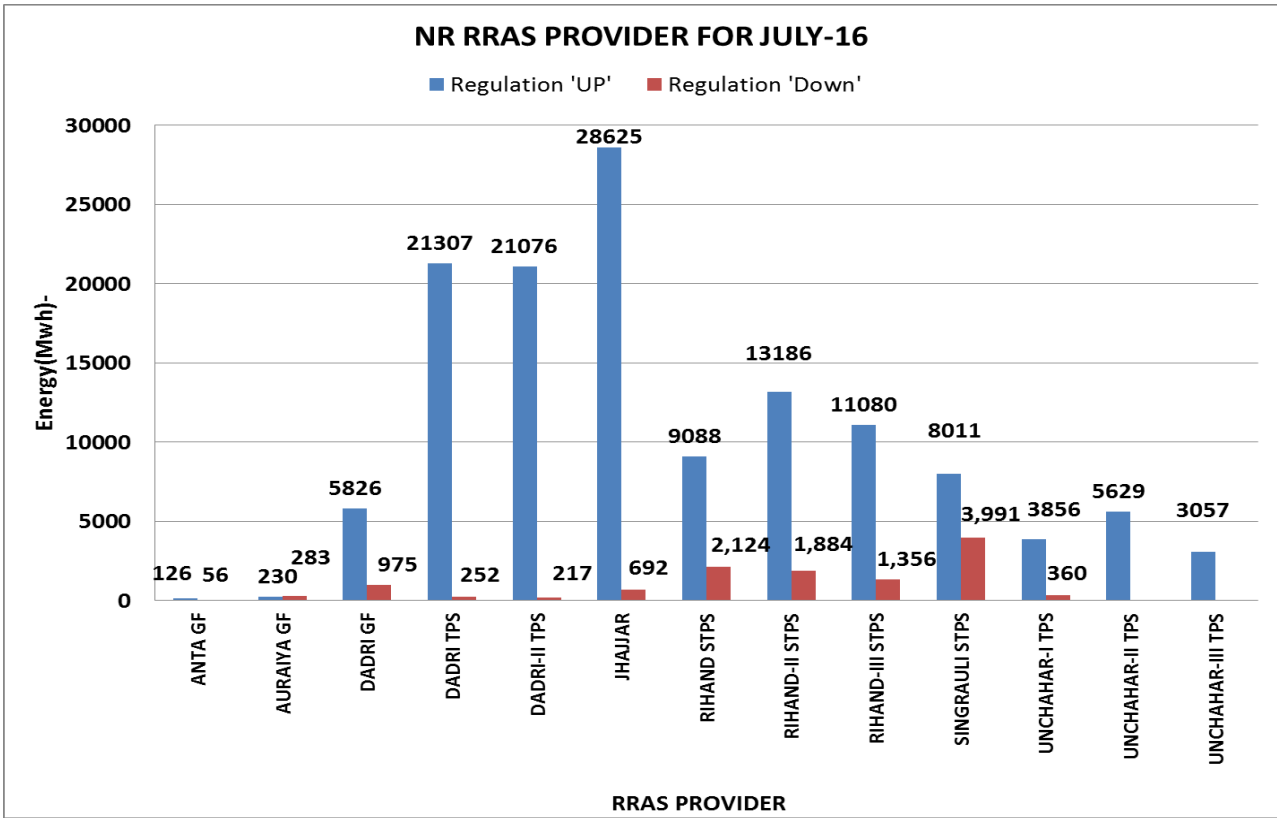
REGION WISE PARTICIPATION IN REGULATION UP (Mwh) FOR JULY -16

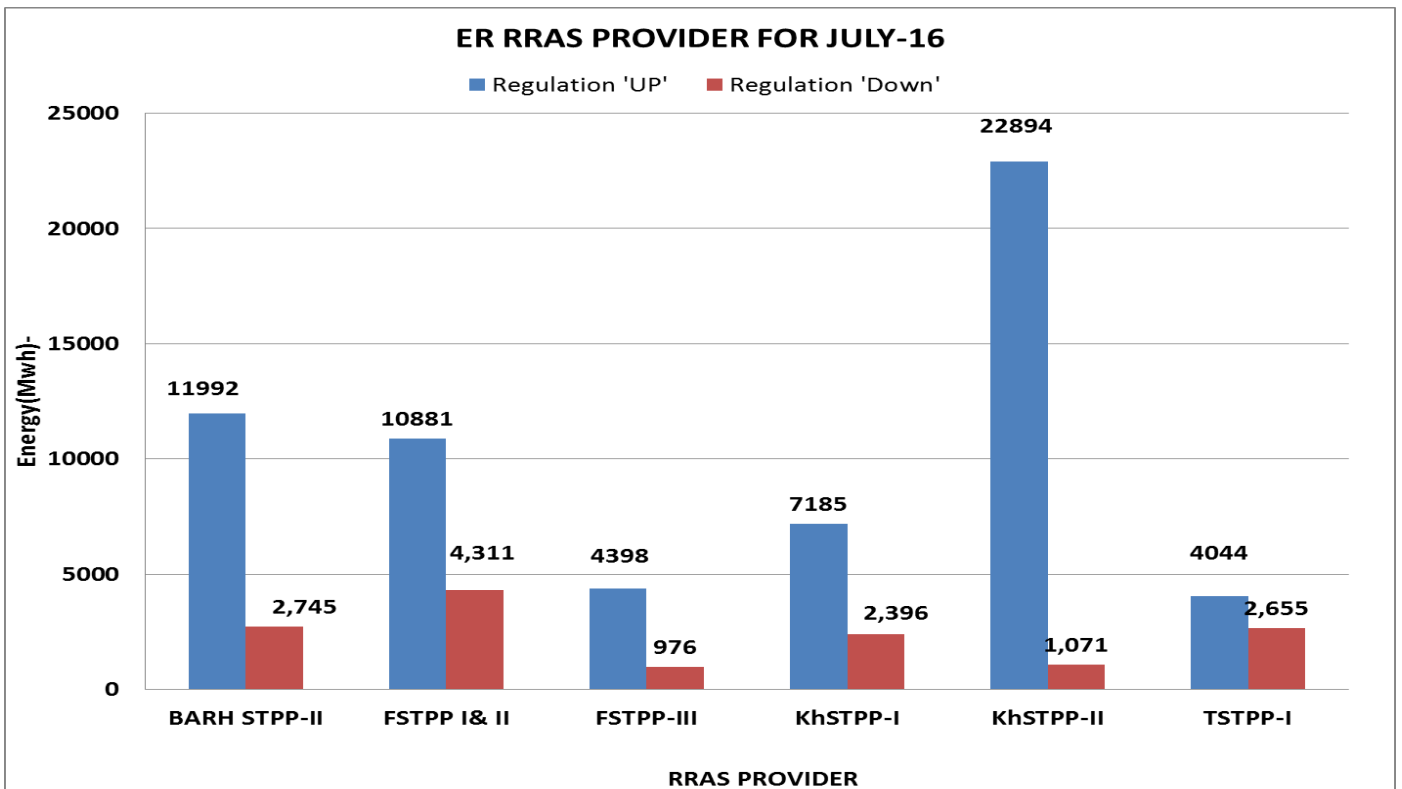
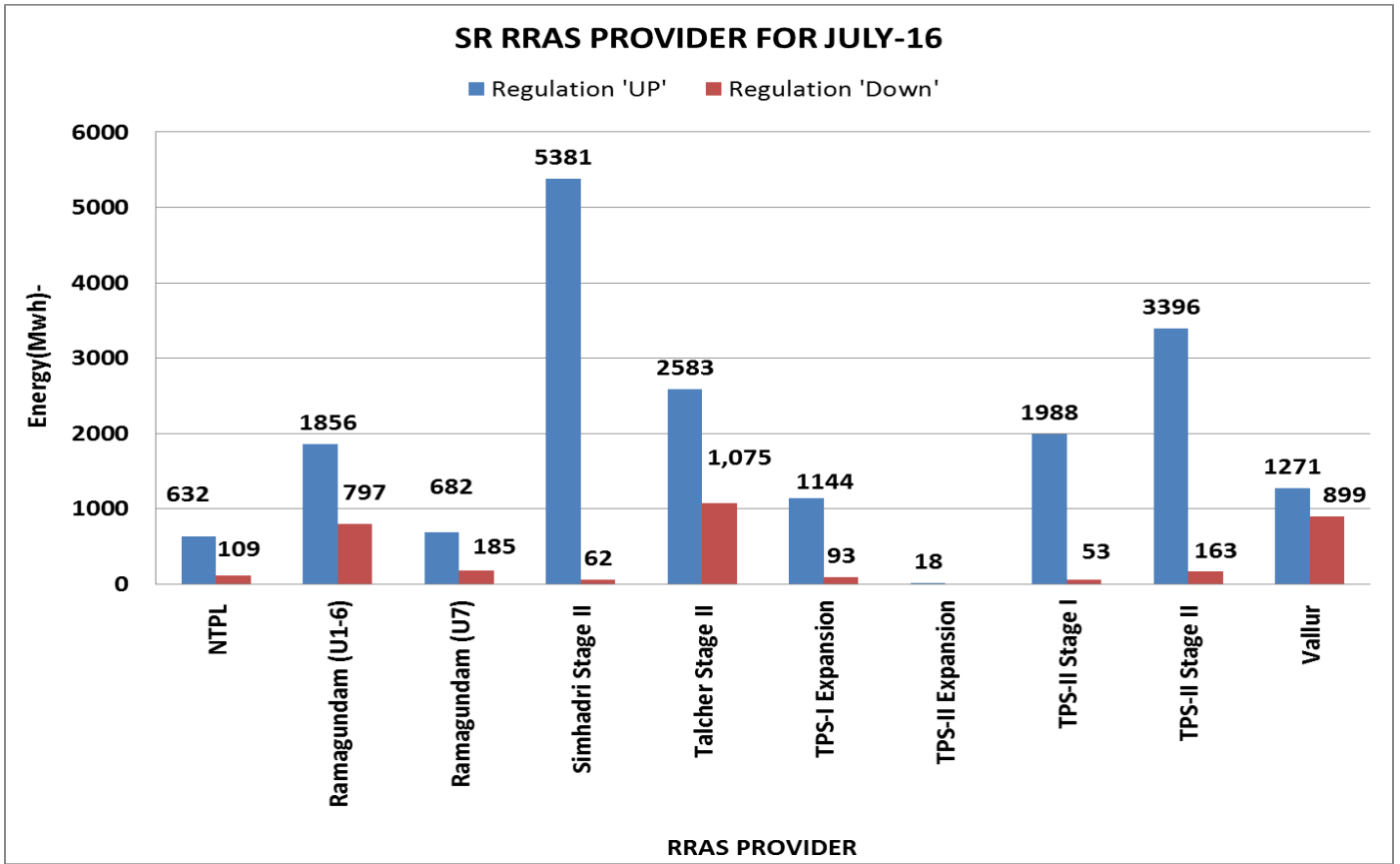


REGION WISE PARTICIPATION IN REGULATION DOWN (Mwh) FOR JULY -16

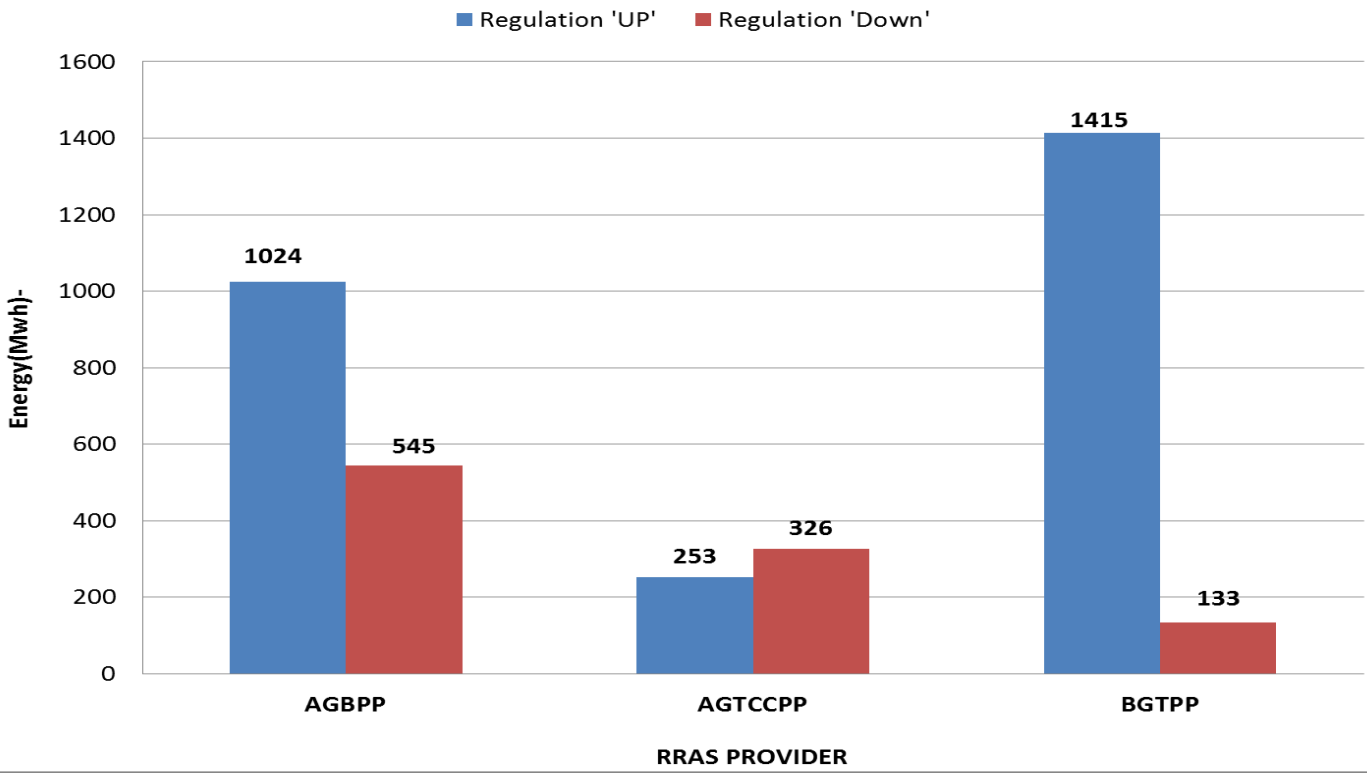


Section IV: Region wise energy despatch in Ancillary services-

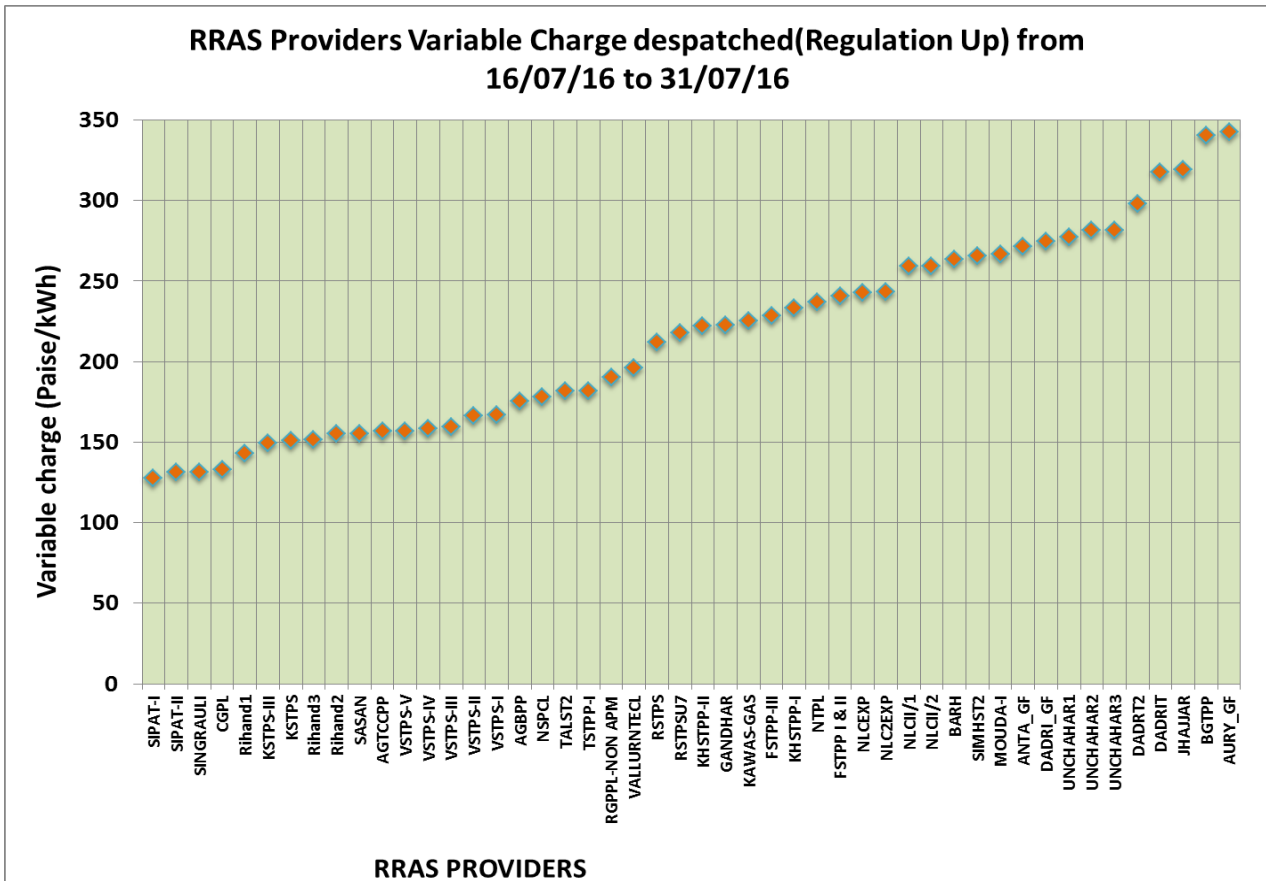
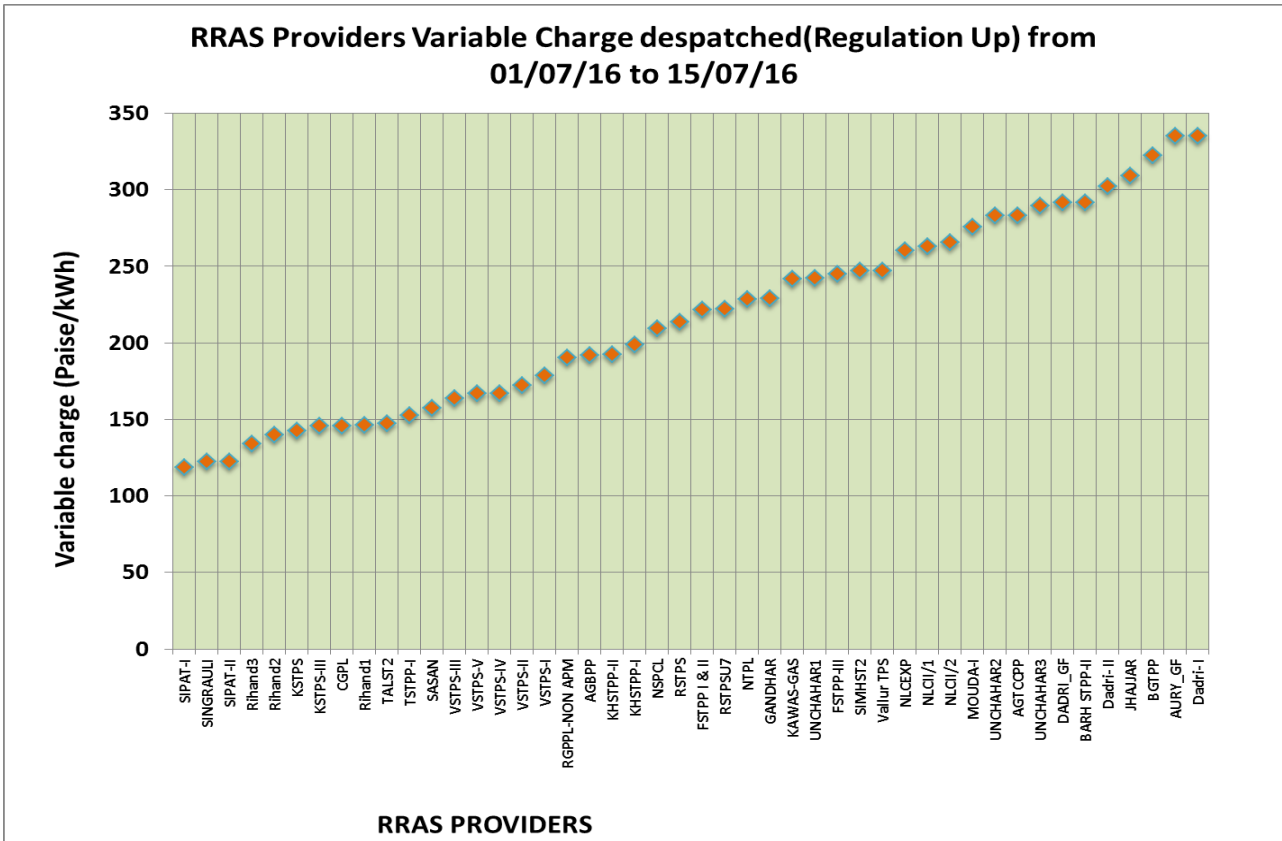


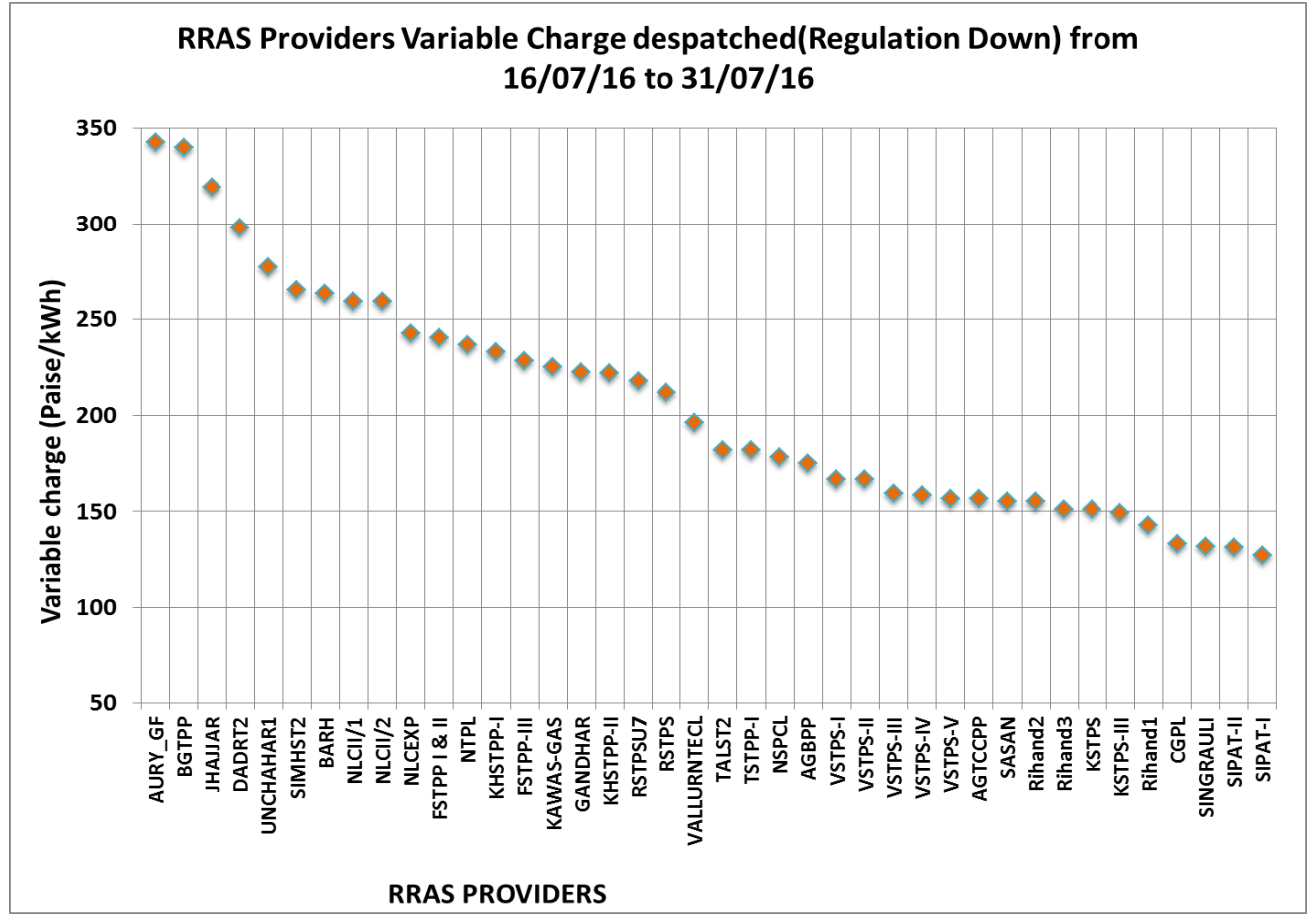
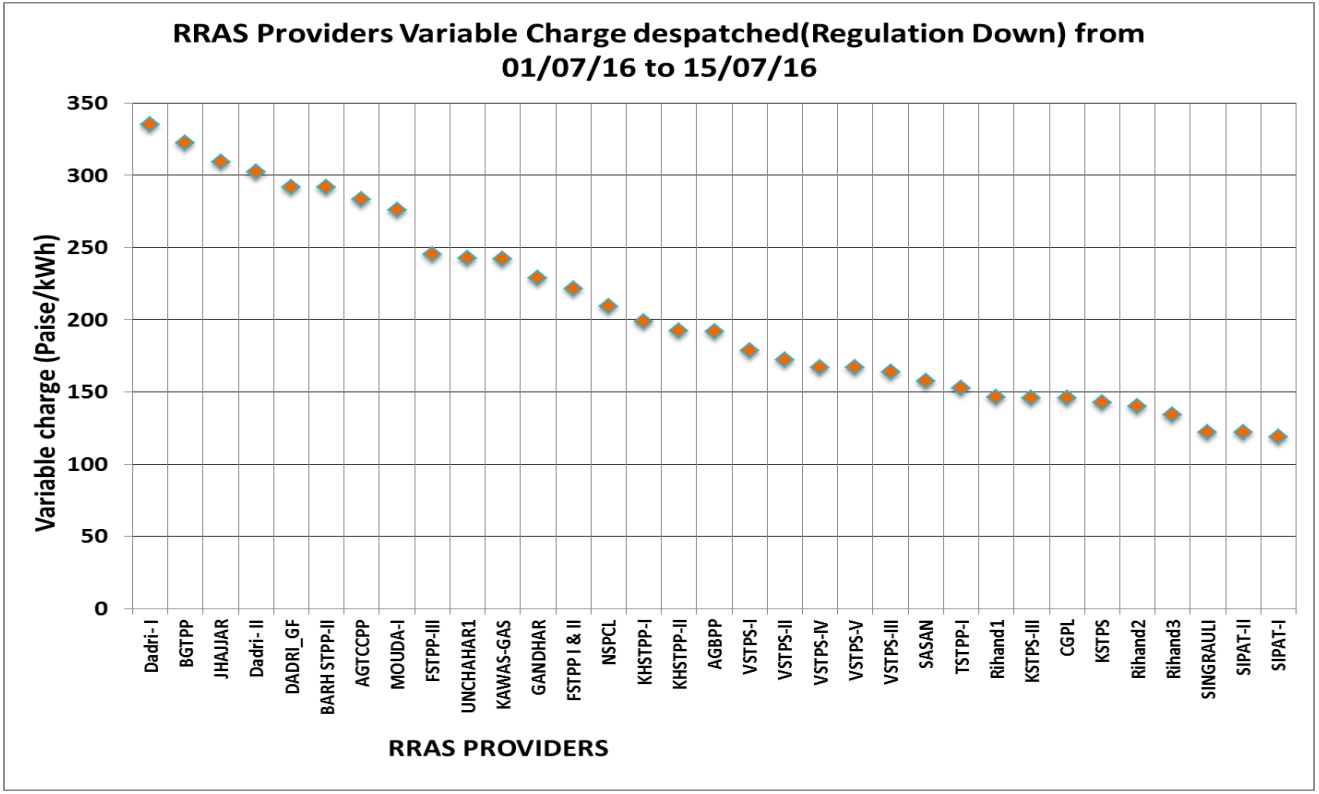


NER RRAS PROVIDER FOR JULY-16



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 27/06/2016 To 31/07/2016-

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	11992	22904206	32150329	5995865	61050401
2	ER	FSTPP I& II	10881	8574225	25069143	5440498	39083867
3	ER	FSTPP-III	4398	7236617	9648822	2198912	19084351
4	ER	KhSTPP-I	7185	6711008	16610757	3592616	26914383
5	ER	KhSTPP-II	22894	26488579	50488058	11447097	88423734
6	ER	TSTPP-I	4044	3202987	6991163	2022089	12216239
	ER	Total	61394	75117622	140958272	30697077	246772975
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	1024	1880840	1805705	511920	4198464
8	NER	AGTCCPP	253	366780	440323	126250	933353
9	NER	BGTPP	1415	3493865	4833205	707338	9034407
	NER	Total	2691	5741484	7079232	1345507	14166223
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	126	82204	342433	63040	487677
11	NR	AURAIYA GF	230	114000	781920	115125	1011045
12	NR	DADRI GF	5826	2994439	15614528	2912878	21521845
13	NR	DADRI TPS	21307	18451848	68116095	10653493	97221436
14	NR	DADRI-II TPS	21076	33173986	63330787	10538114	107042887
15	NR	IGSTPS	28625	48948124	90902237	14312317	154162678
16	NR	RIHAND STPS	9088	7070699	12957436	4544148	24572283
17	NR	RIHAND-II STPS	13186	12065089	19499011	6592947	38157047
18	NR	RIHAND-III STPS	11080	16420745	16016048	5540061	37976854
19	NR	SINGRAULI STPS	8011	4261720	10033679	4005375	18300774
20	NR	UNCHAHAAR-I TPS	3856	3246405	10917322	1927796	16091523
21	NR	UNCHAHAAR-II TPS	5629	4930628	16126050	2814286	23870964
22	NR	UNCHAHAAR-III TPS	3057	4193719	8770710	1528584	14493013
	NR	Total	131096	155953606	333408256	65548164	554910026

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)
23	SR	NTPL	632	933533	1454596	315945	2704075
24	SR	Ramagundam (U1-6)	1856	1094748	3892758	928204	5536717
25	SR	Ramagundam (U7)	682	634683	1508669	341228	2484581
26	SR	Simhadri Stage II	5381	8706045	13470997	2690373	24867416
27	SR	Talcher Stage II	2583	2009366	4349676	1291366	7650409
28	SR	TPS-I Expansion	1144	1503887	2792887	571820	4868595
29	SR	TPS-II Expansion	18	37118	42543	8750	88411
30	SR	TPS-II Stage I	1988	1230649	5168752	994063	7393464
31	SR	TPS-II Stage II	3396	2146314	8825513	1698034	12669862
32	SR	Vallur	1271	2201056	2440271	635409	5276737
	SR	Total	18950	20497399	43946662	9475190	73540267
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)
33	WR	CGPL	11039	9987182	14759497	5519690	30266369
34	WR	GANDHAR	3085	2817006	6858421	1542720	11218149
35	WR	KAWAS-GAS	1367	998256	3063906	683737	4745897
36	WR	KSTPS	3730	1958716	5575911	1864967	9399590
37	WR	KSTPS-III	895	1366431	1320660	447575	3134665
38	WR	MOUDA-I	1025	1938959	2693227	512410	5144596
39	WR	NSPCL	6408	11355060	11829084	3204024	26388169
40	WR	RGPL_NAPM	2244	3029739	4264075	1122125	8415939
41	WR	SASAN	13188	2244550	20267869	6593861	29106280
42	WR	SIPAT-I	1289	1764066	1539176	644290	3947531
43	WR	SIPAT-II	1281	1612534	1603697	640706	3856938
44	WR	VSTPS-I	13541	8612101	23001080	6770522	38383700
45	WR	VSTPS-II	5607	3504608	9425409	2803687	15733704
46	WR	VSTPS-III	5380	5869304	8806860	2689873	17366039
47	WR	VSTPS-IV	6388	9729313	10414585	3194128	23338025
48	WR	VSTPS-V	2011	2561865	3164409	1005441	6731716
	WR	Total	78480	69349690	128587866	39239756	237177307
ALL INDIA		Total	292611	326659801	653980288	146305694	1126566798

Section VII: Payments by the RRAS Provider(s) to the DSM Pool for DOWN Regulation from 27/06/2016 To 31/07/2016

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	2745	7269305	5451979
2	ER	FSTPP I& II	4311	10289478	7717108
3	ER	FSTPP-III	976	2140983	1605738
4	ER	KhSTPP-I	2396	5560428	4170321
5	ER	KhSTPP-II	1071	2370455	1777842
6	ER	TSTPP-I	2655	4692059	3519045
	ER	Total	14154	32322708	24242033
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	545	964534	723400
8	NER	AGTCCPP	326	871844	653883
9	NER	BGTPP	133	457101	342826
	NER	Total	1004	2293479	1720109
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	NR	ANTA GF	56	152775	114581
11	NR	AURAIYA GF	283	968701	726526
12	NR	DADRI GF	975	2601451	1951088
13	NR	DADRI TPS	252	809053	606789
14	NR	DADRI-II TPS	217	654176	490632
15	NR	JHAJJAR	692	2144453	1608340
16	NR	RIHAND STPS	2124	3029508	2272131
17	NR	RIHAND-II STPS	1884	2832579	2124434
18	NR	RIHAND-III STPS	1356	1992413	1494310
19	NR	SINGRAULI STPS	3991	5103018	3827263
20	NR	UNCHAHAAR-I TPS	360	1010372	757778
	NR	Total	12190	21298499	15973872

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)
21	SR	Ramagundam (U1-6)	797	1688911	1266684
22	SR	Ramagundam (U7)	185	402885	302165
23	SR	Simhadri Stage II	62	165110	123833
24	SR	Talcher Stage II	1075	1955255	1466441
25	SR	Vallur	899	1762857	1322143
26	SR	NTPL	109	258810	194107
27	SR	TPS-I Expansion	93	225819	169364
28	SR	TPS-II Stage I	53	137834	103375
29	SR	TPS-II Stage II	163	422959	317219
	SR	Total	3436	7020440	5265331
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)
30	WR	CGPL	567	754891	566168
31	WR	GANDHAR	669	1487302	1115475
32	WR	KAWAS-GAS	205	460835	345627
33	WR	KSTPS	1732	2599174	1949380
34	WR	KSTPS-III	1069	1568278	1176207
35	WR	MOUDA-I	239	628092	471070
36	WR	NSPCL	2651	4879462	3659596
37	WR	SASAN	3205	4935430	3701572
38	WR	SIPAT-I	941	1154730	866048
39	WR	SIPAT-II	1431	1783327	1337496
40	WR	VSTPS-I	525	889032	666774
41	WR	VSTPS-II	1198	2018334	1513750
42	WR	VSTPS-III	2483	4106485	3079864
43	WR	VSTPS-IV	1663	2717102	2037826
44	WR	VSTPS-V	1057	1664778	1248583
	WR	Total	19635	31647252	23735436
ALL INDIA		Total	50419	94582378	70936781