

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
Website : www.posoco.in, www.nldc.in, Tel: 011-26536832, 26524522, Fax: 011-26524525, 26536901

संदर्भ संख्या:-POSOCO/NLDC/GM/

दिनांक: 23.10.2014

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट - सितम्बर 2014

महोदय,

आई०ई०जी०सी०-2010 के प्रावधान के अनुसार, - सितम्बर 2014 माह की अखिल भारतीय प्रणाली की निष्पादन रिपोर्ट

धन्यवाद

भवदीय

एस. आर. नरसिंहन

(एस आर नरसिंहन)

अपर महाप्रबंधक

(रा०भा०प्रे०के०)

संलग्नक: मासिक प्रणाली रिपोर्ट

वितरण सूची

Distribution List

1. सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली - 110001
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Member Secretary, SRPC, 29, Race Course Cross Road, Bangalore-560009
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General Manager, ERLDC, 14, Golf Club Road, Kolkata-700033
9. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई - 400093
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. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009
12. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह, लापलंग, शिलॉंग - 793006
General Manager, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006



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पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

NATIONAL LOAD DESPATCH CENTRE –राष्ट्रीय भार प्रेषण केन्द्र

मासिक ऑपरेशन रिपोर्ट

Monthly
Operation Report



सितम्बर 2014

पावर सिस्टम ऑपरेशन कार्पोरेशन
राष्ट्रीय भार पारेषण केंद्र , नई दिल्ली

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



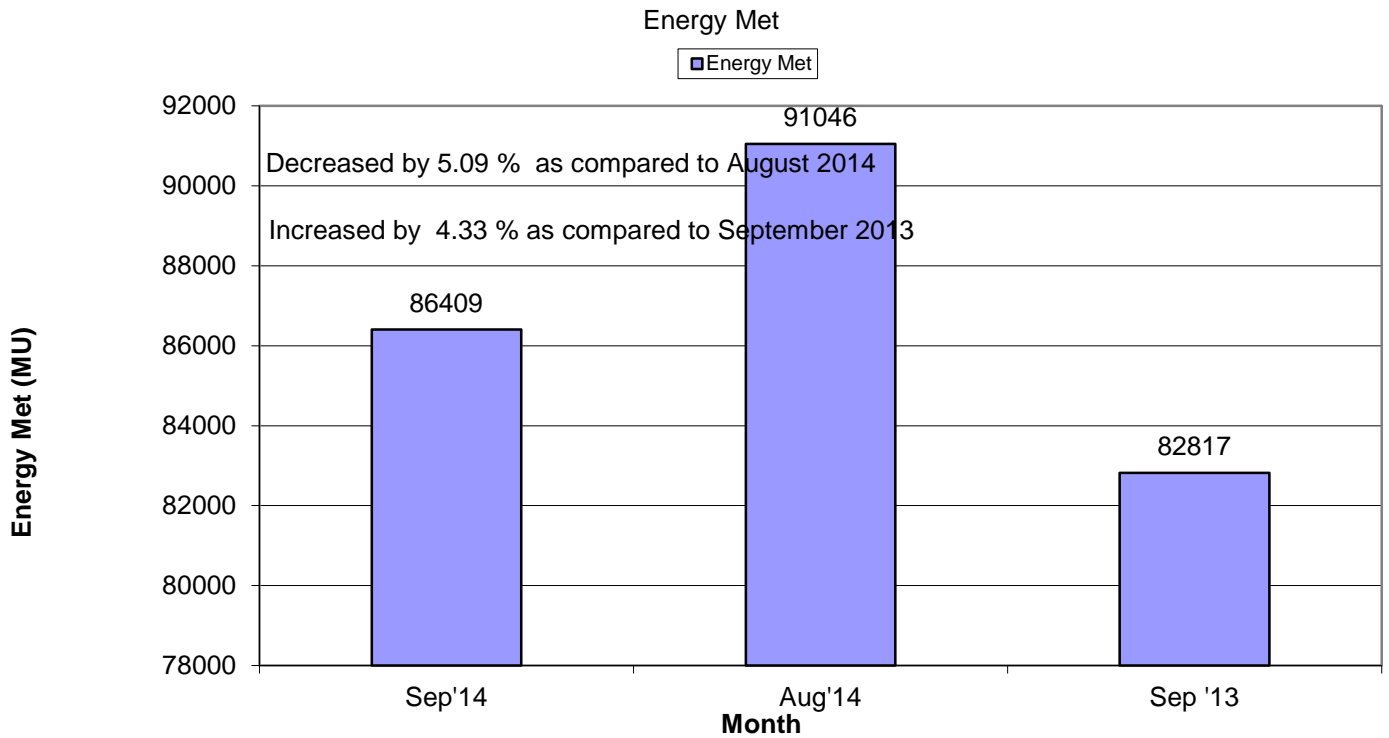
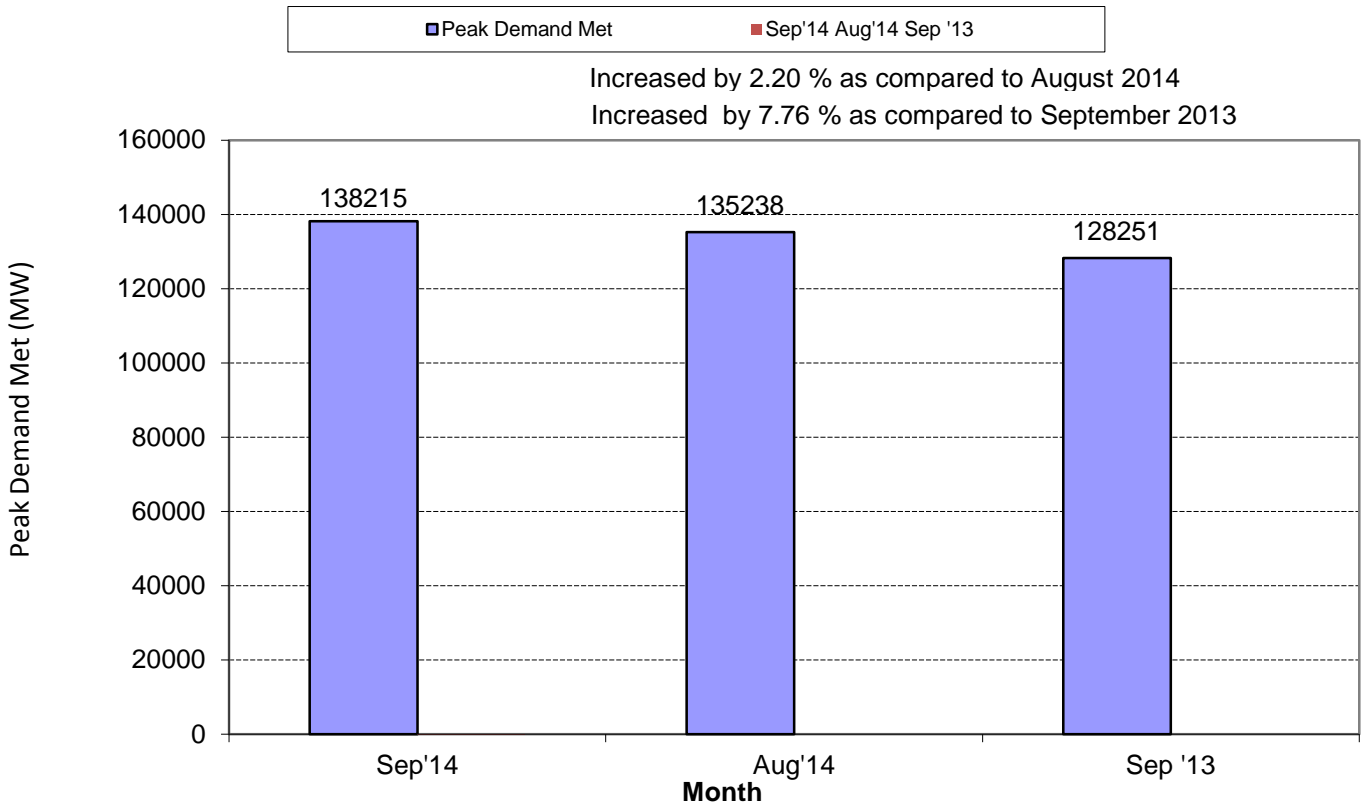
माह सितम्बर 2014 की मासिक परिचालन निष्पादन रिपोर्ट
OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF SEPTEMBER 2014

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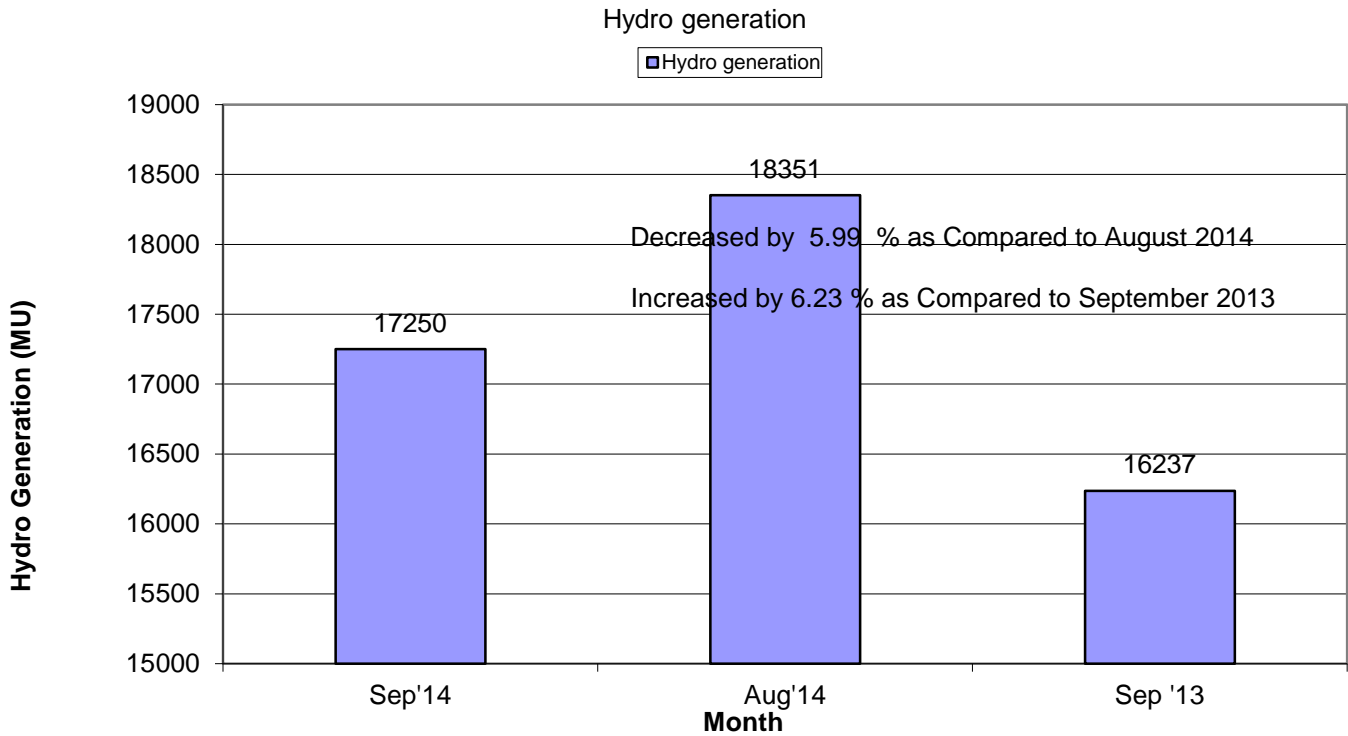
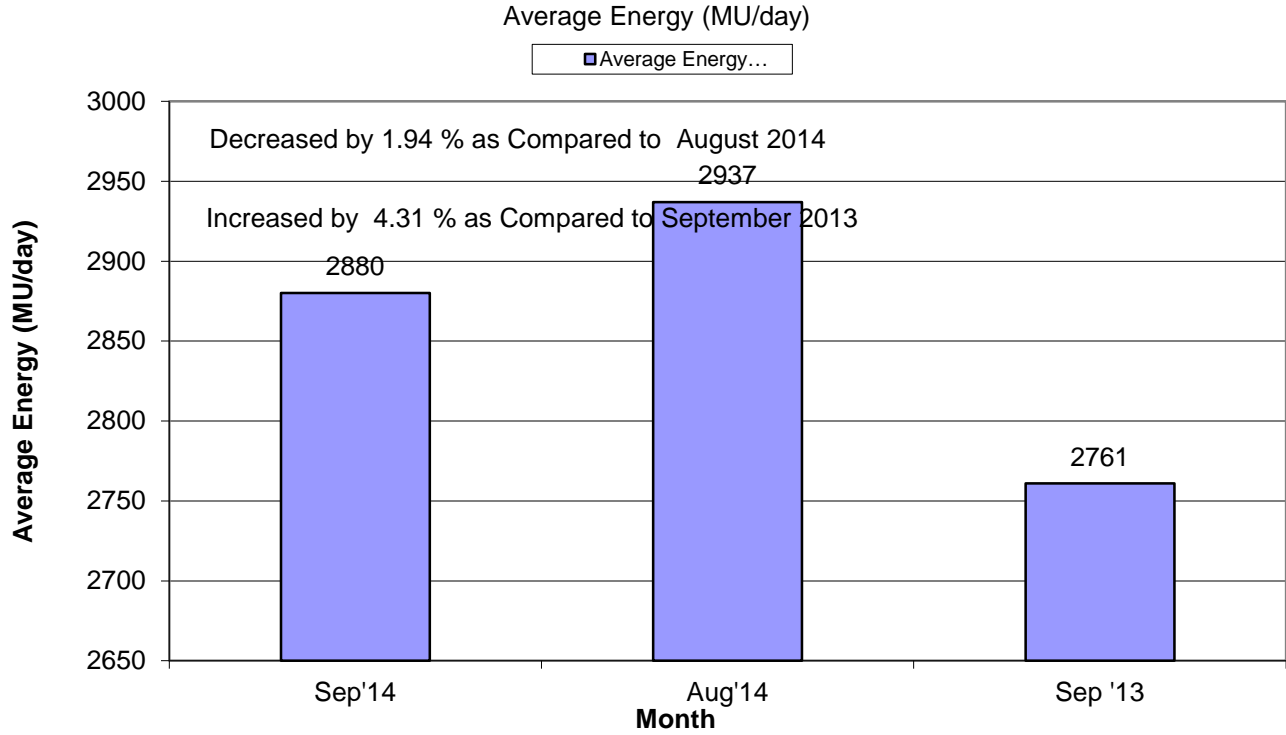
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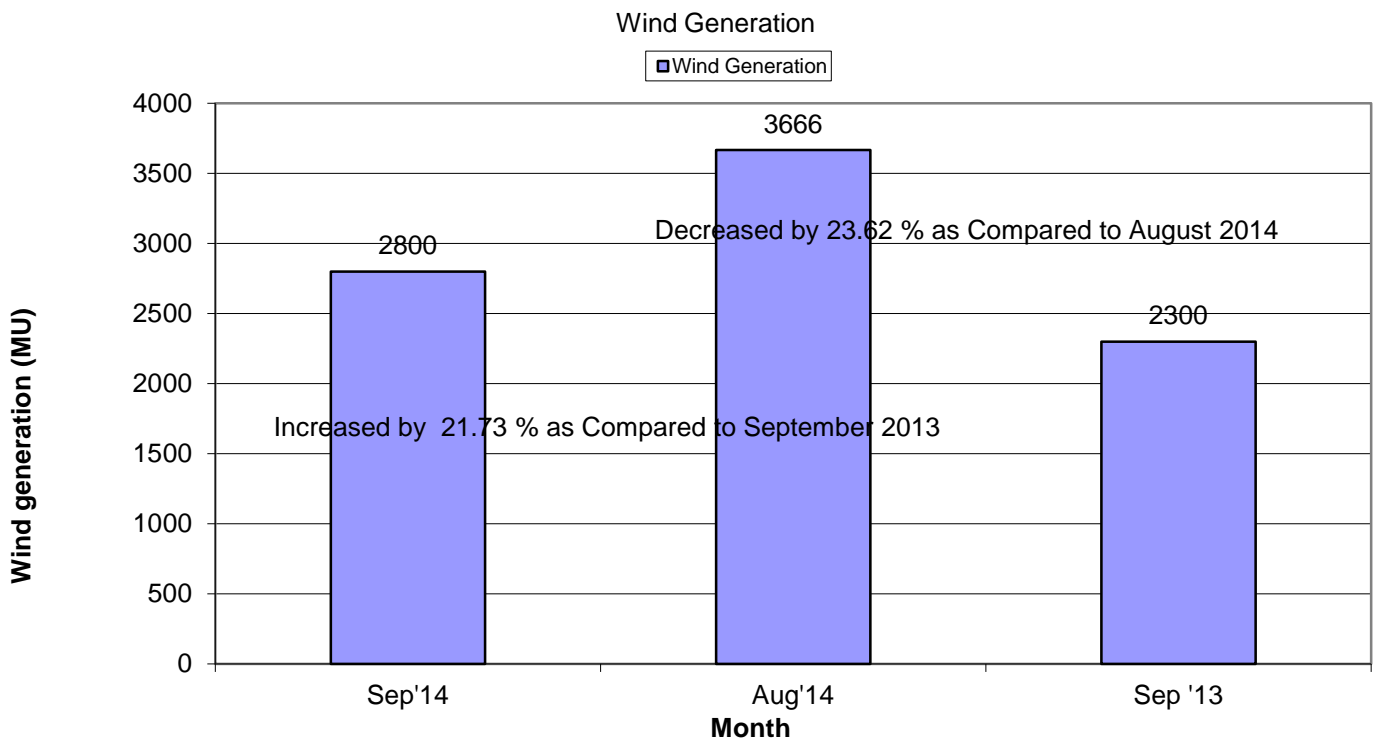
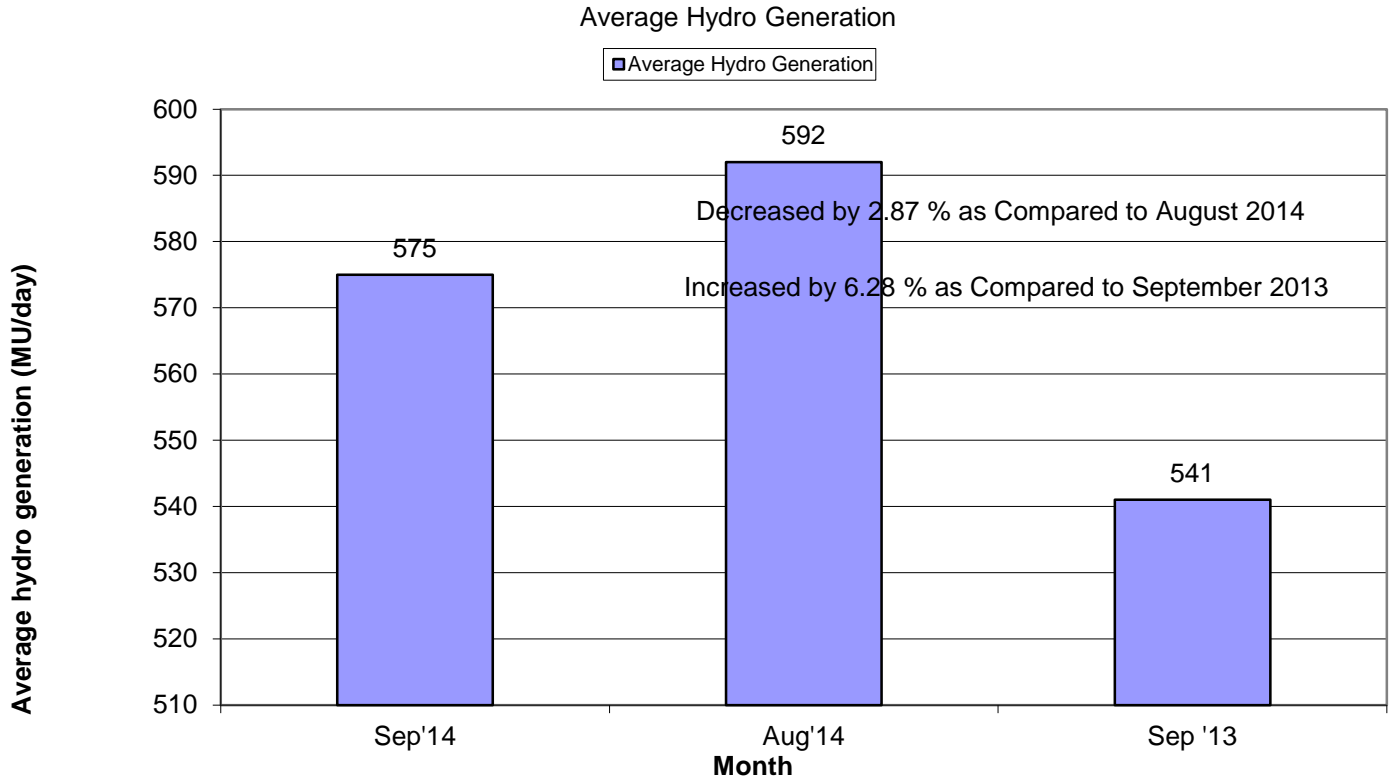
1. SUMMARY OF REPORT FOR THE MONTH OF SEPTEMBER 2014



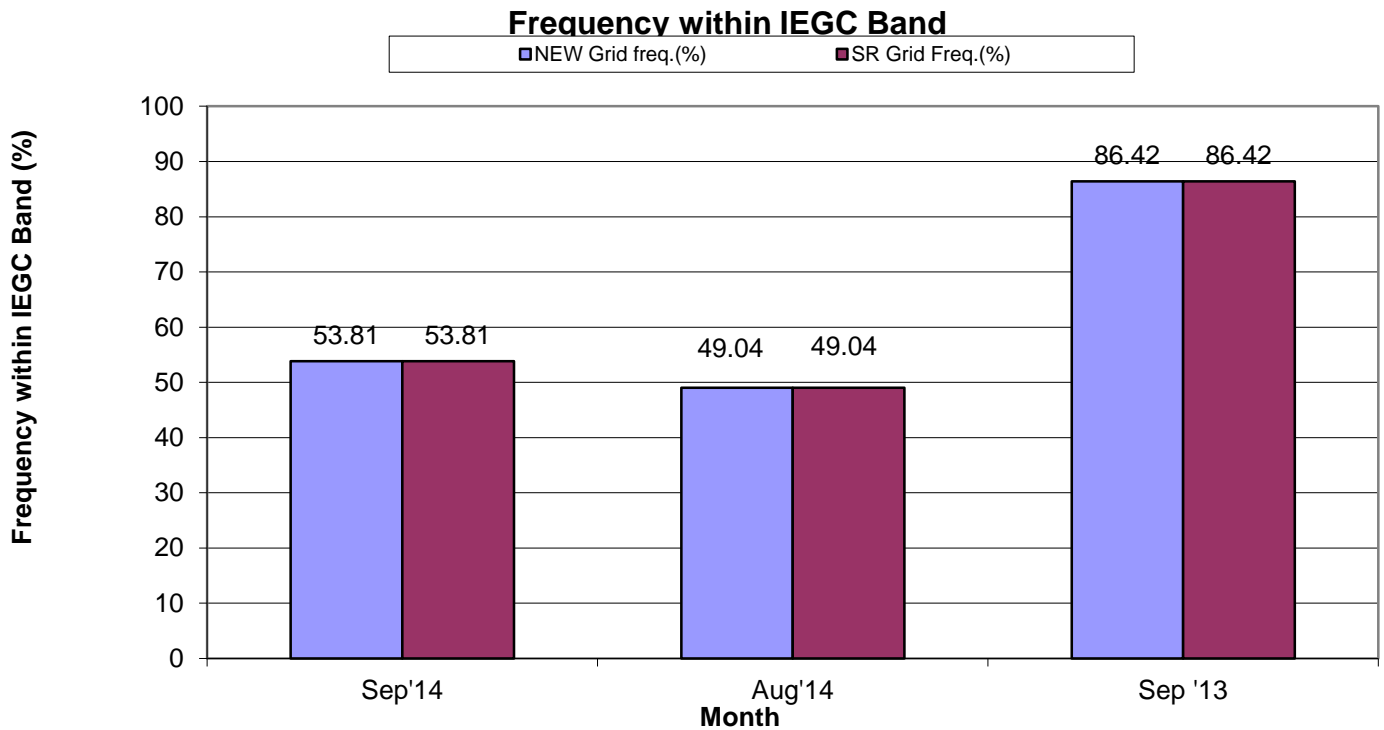
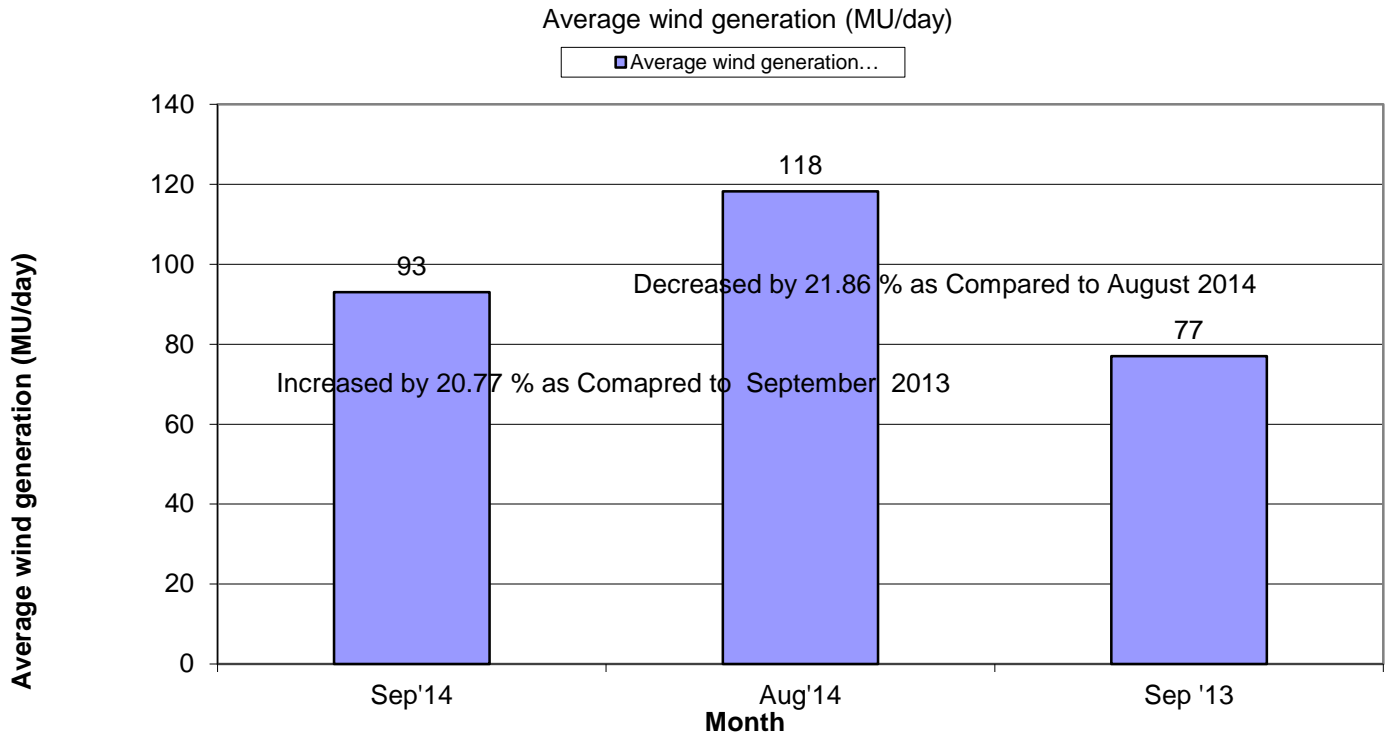
1. SUMMARY OF REPORT FOR THE MONTH OF SEPTEMBER 2014



1. SUMMARY OF REPORT FOR THE MONTH OF SEPTEMBER 2014



1. SUMMARY OF REPORT FOR THE MONTH OF SEPTEMBER 2014



Note: IEGC Frequency band changed from 49.7 -50.2 to 49.9-50.05 wef 17th Feb 2014.

(2) ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 31.08.2014

(All figures are in MW)

S No	Region	THERMAL				NUCLEAR	HYDRO	RES @ MNRE	GRAND TOTAL
		COAL	GAS	DIESEL	TOTAL				
1	NR	39481	5331	13	44825	1620	16598	5936	68979
2	WR	58860	10915	17	69792	1840	7448	11271	90351
3	SR	27383	4963	939	33285	1320	11398	13785	59787
4	ER	26528	190	17	26735	0	4113	433	31281
5	NER	60	1209	143	1411	0	1242	257	2910
6	ISLANDS	0	0	70	70	0	0	11	81
		152311	22608	1200	176119	4780	40799	31692	253389

Remarks: Data from CEA website

3. राष्ट्रीय स्तर पर संध्याकालीन शिखर विद्युत मांग पूर्ति
DEMAND MET AT NATIONAL LEVEL

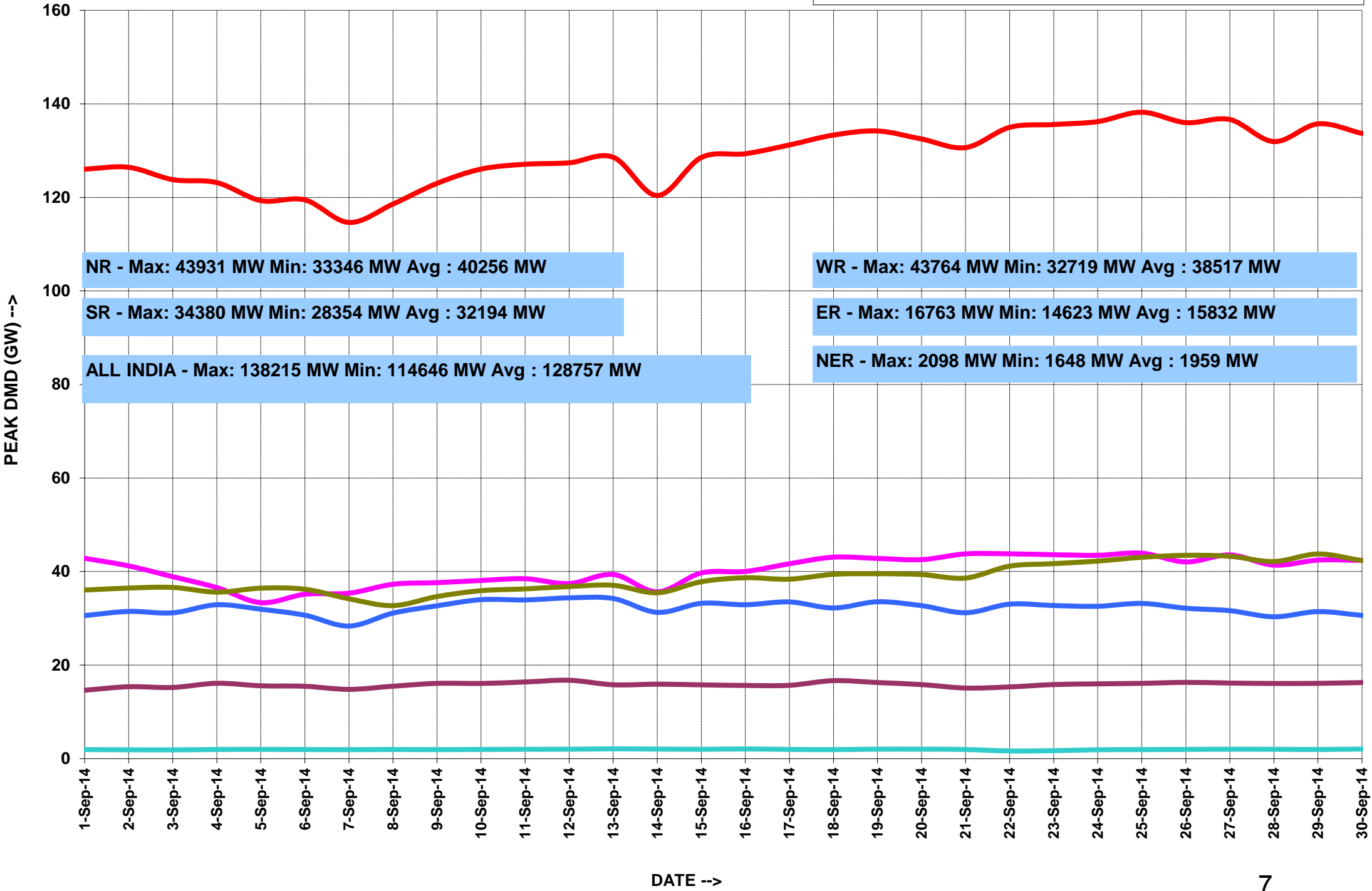
PEAK

माह:- सितम्बर 2014 MONTH:- September 2014
सभी आकड़े मेगावाट में All figures in MW

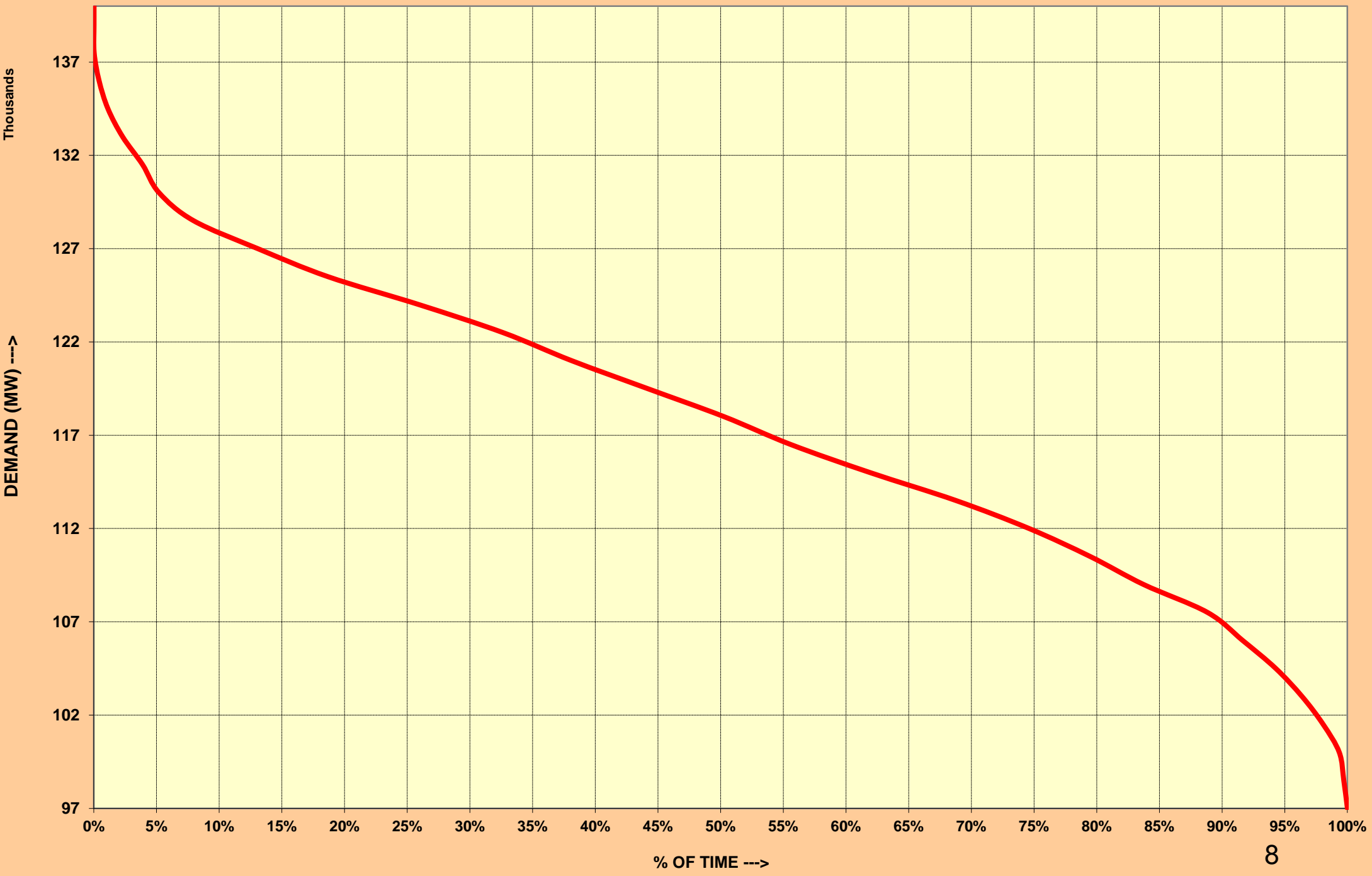
दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL
01-Sep-14	42842	36048	30590	14623	1942	126045
02-Sep-14	41211	36475	31479	15377	1898	126440
03-Sep-14	38909	36607	31181	15222	1879	123798
04-Sep-14	36572	35611	32902	16119	1963	123167
05-Sep-14	33346	36452	31945	15580	1989	119312
06-Sep-14	35152	36223	30670	15476	1952	119473
07-Sep-14	35376	34178	28354	14814	1924	114646
08-Sep-14	37288	32719	31120	15491	1962	118580
09-Sep-14	37628	34663	32679	16098	1934	123002
10-Sep-14	38097	35912	33998	16080	1969	126055
11-Sep-14	38471	36296	33932	16392	1997	127088
12-Sep-14	37441	36797	34380	16763	2016	127397
13-Sep-14	39382	37065	34239	15800	2098	128584
14-Sep-14	35673	35467	31285	15926	2044	120395
15-Sep-14	39710	37831	33211	15782	2002	128536
16-Sep-14	40028	38677	32908	15652	2075	129340
17-Sep-14	41677	38379	33506	15680	1974	131216
18-Sep-14	43080	39416	32217	16681	1935	133329
19-Sep-14	42811	39541	33542	16271	2029	134194
20-Sep-14	42553	39366	32714	15834	2021	132488
21-Sep-14	43785	38610	31197	15100	1959	130651
22-Sep-14	43796	41166	33036	15336	1648	134982
23-Sep-14	43607	41695	32739	15841	1702	135584
24-Sep-14	43479	42251	32585	15988	1907	136210
25-Sep-14	43931	43050	33191	16105	1938	138215
26-Sep-14	42060	43474	32167	16308	1979	135988
27-Sep-14	43562	43270	31635	16167	2016	136650
28-Sep-14	41374	42150	30335	16074	1999	131932
29-Sep-14	42451	43764	31442	16108	1964	135729
30-Sep-14	42392	42343	30627	16272	2050	133684
उच्चतम MAXIMUM	43931	43764	34380	16763	2098	138215
निम्नतम MINIMUM	33346	32719	28354	14623	1648	114646
औसत AVERAGE	40256	38517	32194	15832	1959	128757
अब तक का उच्चतम All Time Max.	46681	43764	36126	16979	2098	138215
दिनांक Date	26.08.14	29.09.14	24.03.14	22.04.14	13.09.14	25.09.14

नोट : सभी आकड़े 1900 बजे की मांग पूर्ति पर आधारित हैं । Note: The above figures corresponds to value at 1900 Hrs

PEAK DEMANDS MET DURING THE MONTH OF SEPTEMBER' 2014



ALL INDIA LOAD DURATION CURVE FOR SEPTEMBER' 2014



4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

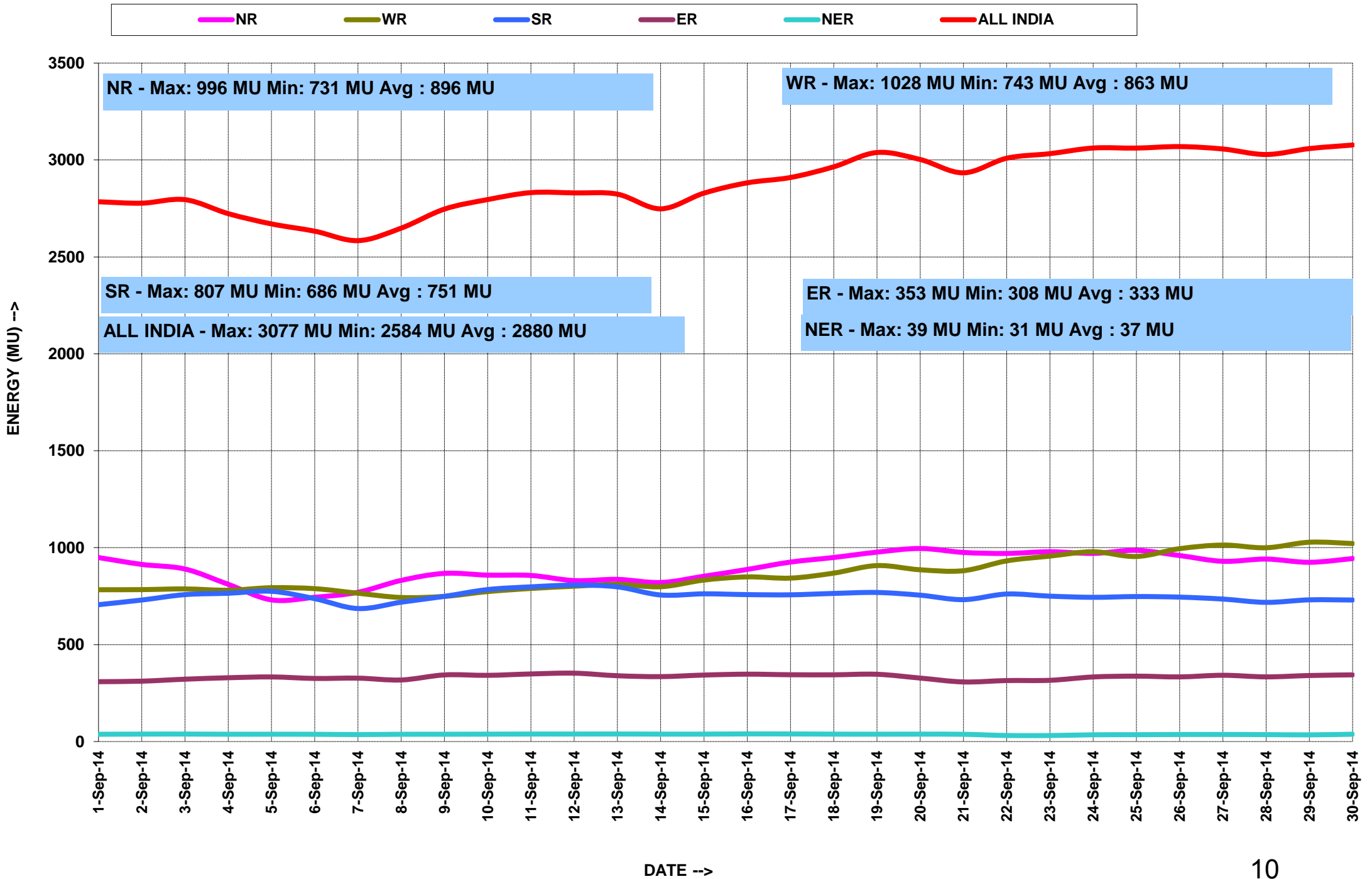
माह:- सितम्बर 2014

MONTH:- September 2014

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL
01-Sep-14	949	783	706	309	38	2785
02-Sep-14	914	784	730	312	38	2777
03-Sep-14	890	787	758	322	39	2795
04-Sep-14	811	781	765	329	38	2723
05-Sep-14	731	794	775	333	38	2670
06-Sep-14	744	789	737	326	37	2633
07-Sep-14	770	765	686	327	36	2584
08-Sep-14	831	743	719	318	38	2649
09-Sep-14	868	749	749	344	38	2747
10-Sep-14	859	774	784	342	38	2796
11-Sep-14	857	790	798	349	39	2832
12-Sep-14	830	801	807	353	39	2830
13-Sep-14	837	811	798	339	39	2824
14-Sep-14	820	799	756	335	38	2748
15-Sep-14	853	833	762	343	38	2829
16-Sep-14	888	849	758	348	39	2882
17-Sep-14	926	843	757	345	39	2910
18-Sep-14	950	869	764	344	38	2965
19-Sep-14	977	908	769	347	38	3039
20-Sep-14	996	886	755	327	38	3003
21-Sep-14	976	881	732	308	37	2934
22-Sep-14	970	932	761	315	31	3009
23-Sep-14	979	957	750	316	31	3033
24-Sep-14	971	979	744	333	35	3062
25-Sep-14	986	955	748	337	35	3062
26-Sep-14	960	995	745	334	36	3069
27-Sep-14	930	1014	735	342	37	3057
28-Sep-14	941	1000	718	334	36	3028
29-Sep-14	925	1028	731	341	35	3059
30-Sep-14	944	1021	730	344	38	3077
कुल TOTAL	26880	25898	22527	9992	1113	86409
उच्चतम MAXIMUM	996	1028	807	353	39	3077
निम्नतम MINIMUM	731	743	686	308	31	2584
औसत AVERAGE	896	863	751	333	37	2880
अब तक का उच्चतम All Time Max.	1096	1028	845	367	40	3120
दिनांक Date	11.07.14	29.09.14	26.03.14	26.04.14	02.07.2014	25.06.14

ENERGY MET DURING THE MONTH OF SEPTEMBER' 2014

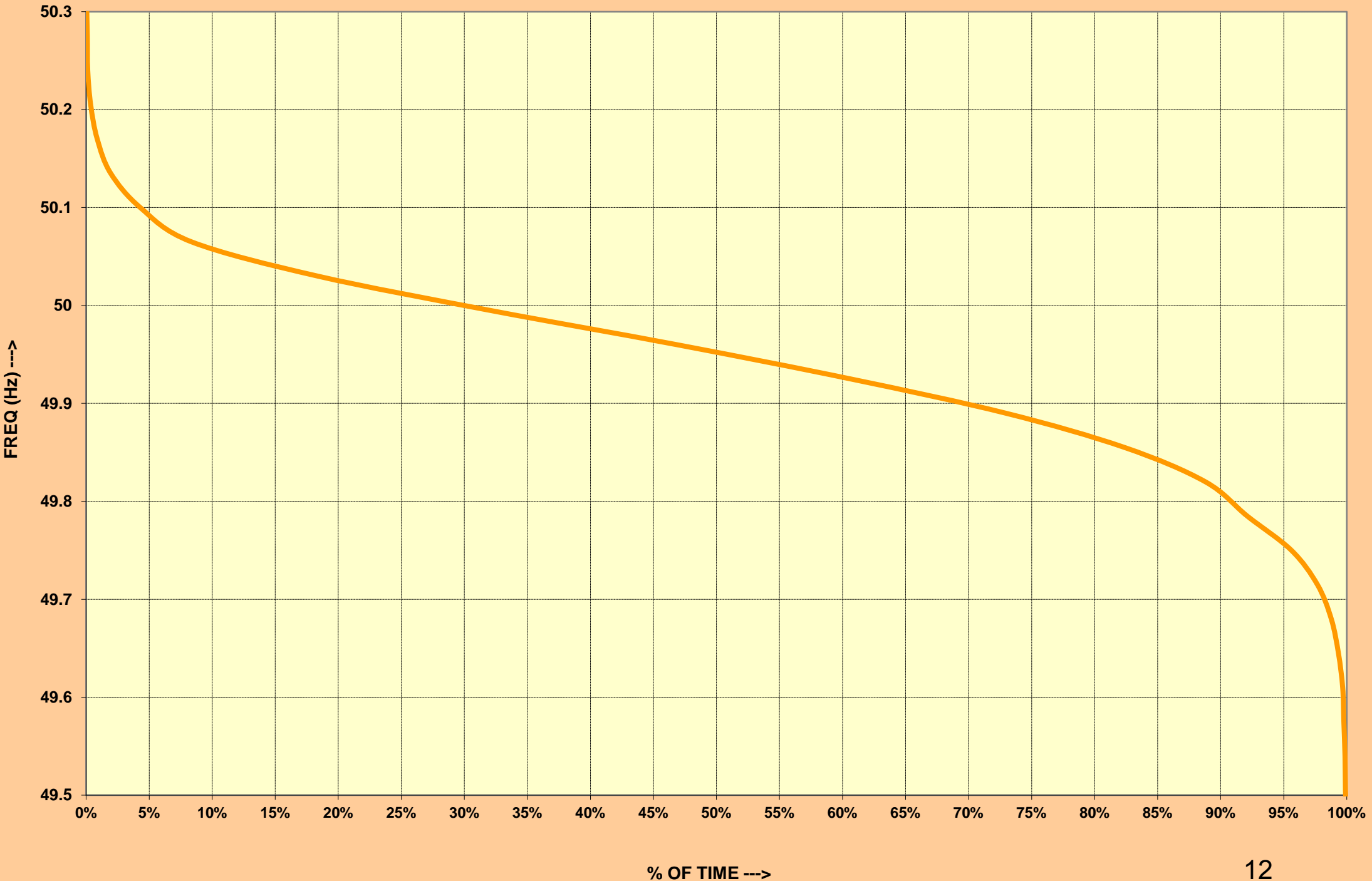


5.वर्ष 2014-15 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR YEAR 2014-15

राष्ट्रीय ग्रिड NATIONAL GRID									
फ़िक्वेंसी रूपरेखा (Hz)	<49.7	49.0-49.9	<49.9	49.9-50.05	>50.05	उच्चतम फ़िक्वेंसी	निम्नतम फ़िक्वेंसी	औसत फ़िक्वेंसी	
ऑल इंडिया ग्रिड ALL INDIA GRID									
% समय	Sep-14	1.59	28.51	28.51	53.81	17.68	50.37	49.34	49.95
% समय	Aug-14	4.50	40.11	40.11	49.04	10.85	50.34	49.36	49.97
% समय	Jul-14	0.00	34.45	34.45	50.36	14.91	50.36	49.40	49.94
ऑल इंडिया ग्रिड NEW GRID*									
% समय	Jun-14	4.99	37.27	37.27	45.32	17.41	50.65	49.32	49.93
% समय	May-14	0.93	22.39	22.39	53.09	24.52	50.56	49.41	49.98
द. क्षे. ग्रिड SR GRID*									
% समय	Jun-14	6.25	40.68	40.68	43.93	15.40	50.65	49.32	49.92
% समय	May-14	1.46	26.88	26.88	51.54	21.58	50.56	49.41	49.97

* On Account of separation of SR GRID from NEW GRID for a brief time during the month of May & June 2014

NEW GRID FREQUENCY DUR ATION CURVE FOR SEPTEMBER' 2014



5.1 सितम्बर 2014 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR SEPTEMBER 2014

राष्ट्रीय गिड NATIONAL GRID

फ्रिक्वेंसी रूपरेखा (Hz)		<49.0	49.0-49.9	>49.9	49.9-50.05	>50.05	उच्चतम फ्रिक्वेंसी	निम्नत म फ्रिक्वेंसी	औसत फ्रिक्वें सी
% समय	01-Sep-14	0.00	5.25	5.25	49.28	45.46	50.37	49.69	49.96
	02-Sep-14	0.00	19.17	19.17	65.49	15.35	50.19	49.48	49.96
	03-Sep-14	0.00	23.17	23.17	61.22	15.61	50.32	49.63	49.96
	04-Sep-14	0.00	18.24	18.24	52.49	29.27	50.29	49.63	50.00
	05-Sep-14	0.00	13.30	13.30	59.90	26.80	50.26	49.67	49.99
	06-Sep-14	0.00	21.12	21.12	61.15	17.73	50.20	49.62	49.99
	07-Sep-14	0.00	14.24	14.24	21.28	64.48	50.19	49.56	49.95
	08-Sep-14	0.00	47.70	47.70	47.59	4.71	50.23	49.58	49.95
	09-Sep-14	0.00	47.80	47.80	44.26	7.94	50.16	49.34	49.96
	10-Sep-14	0.00	30.28	30.28	55.08	14.64	50.18	49.64	49.96
	11-Sep-14	0.00	12.19	12.19	64.32	23.50	50.18	49.64	49.96
	12-Sep-14	0.00	15.35	15.35	68.68	15.97	50.16	49.71	50.00
	13-Sep-14	0.00	14.04	14.04	70.07	15.89	50.25	49.71	49.99
	14-Sep-14	0.00	7.64	7.64	57.38	34.98	50.32	49.71	49.99
	15-Sep-14	0.00	21.62	21.62	60.02	18.36	50.20	49.69	49.97
	16-Sep-14	0.00	28.55	28.55	57.52	13.92	50.26	49.65	49.95
	17-Sep-14	0.00	13.10	13.10	65.50	21.40	50.25	49.73	49.98
	18-Sep-14	0.00	34.44	34.44	59.79	5.76	50.24	49.56	49.93
	19-Sep-14	0.00	37.29	37.29	52.95	9.76	50.21	49.63	49.93
	20-Sep-14	0.00	18.67	18.67	66.66	14.68	50.32	49.72	49.97
	21-Sep-14	0.00	13.81	13.81	67.86	18.33	50.32	49.69	49.99
	22-Sep-14	0.00	38.33	38.33	54.72	6.94	50.18	49.62	49.92
	23-Sep-14	0.00	57.70	57.70	37.65	4.65	50.22	49.62	49.89
	24-Sep-14	0.00	12.26	12.26	60.96	26.78	50.34	49.73	50.00
	25-Sep-14	0.00	19.44	19.44	64.31	16.25	50.26	49.69	49.92
	26-Sep-14	0.00	47.78	47.78	43.13	9.10	50.32	49.65	49.91
	27-Sep-14	0.00	58.19	58.19	33.92	7.88	50.26	49.64	49.89
	28-Sep-14	0.00	44.27	44.27	45.81	9.92	50.32	49.59	49.92
	29-Sep-14	0.00	72.45	72.45	25.59	1.96	50.11	49.43	49.83
	30-Sep-14	0.00	47.90	47.90	39.80	12.30	50.20	49.52	49.90

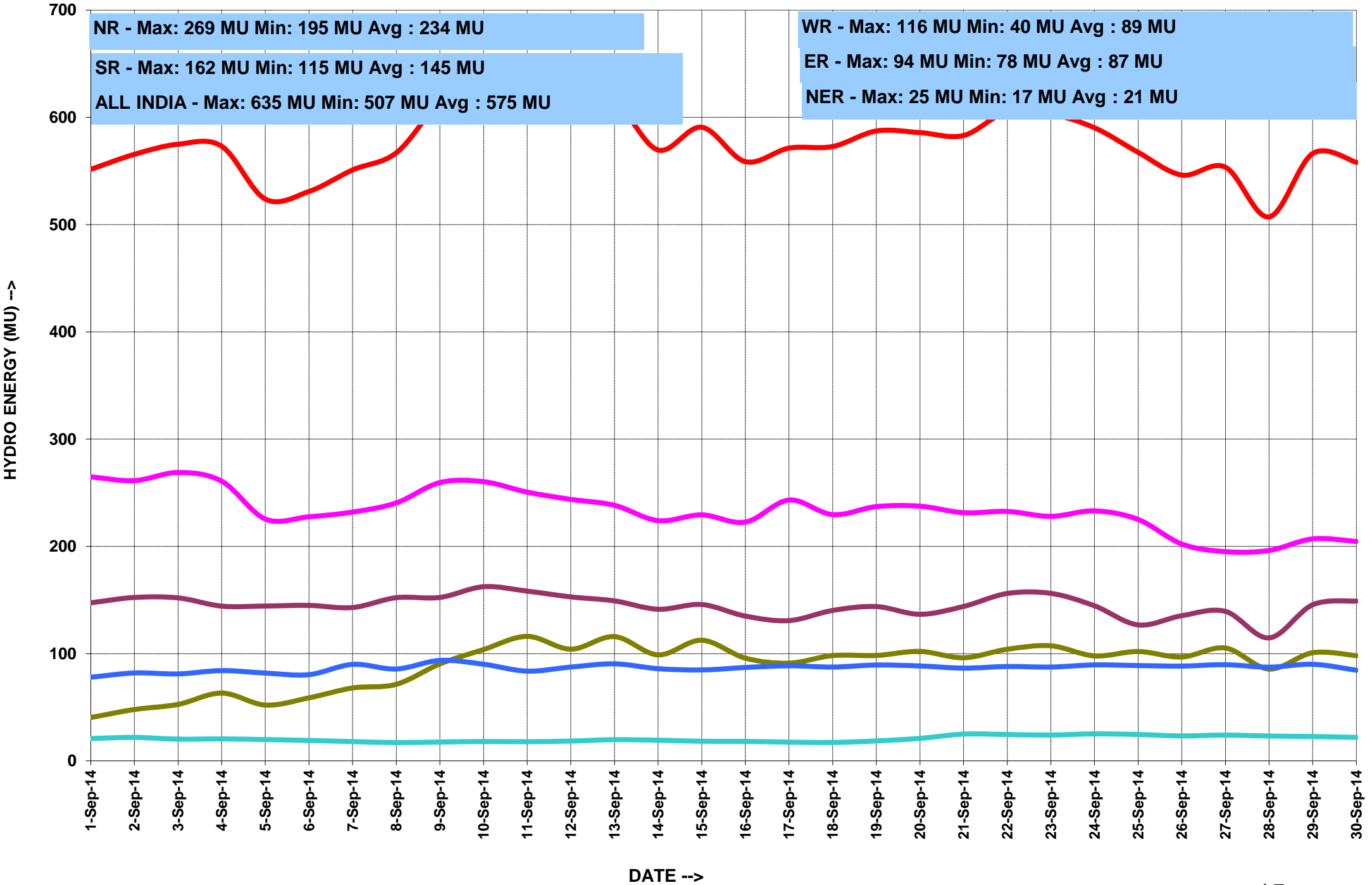
6.राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

माह:- सितम्बर 2014 MONTH:- September 2014

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	ऊत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL
01-Sep-14	265	40	147	78	21	552
02-Sep-14	261	48	152	82	22	566
03-Sep-14	269	53	152	81	20	575
04-Sep-14	261	63	144	84	21	573
05-Sep-14	226	52	144	82	20	524
06-Sep-14	228	59	145	80	19	531
07-Sep-14	232	68	143	90	18	551
08-Sep-14	241	71	152	86	17	567
09-Sep-14	260	90	152	94	18	614
10-Sep-14	260	104	162	90	18	635
11-Sep-14	251	116	158	84	18	627
12-Sep-14	244	104	153	88	19	607
13-Sep-14	238	116	149	91	20	614
14-Sep-14	224	99	141	86	19	570
15-Sep-14	229	113	146	85	18	591
16-Sep-14	223	96	135	87	18	559
17-Sep-14	243	91	131	89	18	571
18-Sep-14	230	98	140	88	17	573
19-Sep-14	237	98	144	89	19	587
20-Sep-14	238	102	137	89	21	586
21-Sep-14	231	96	144	87	25	583
22-Sep-14	233	104	156	88	25	605
23-Sep-14	228	107	156	88	24	603
24-Sep-14	233	98	145	90	25	590
25-Sep-14	225	102	127	89	25	567
26-Sep-14	202	97	135	88	23	546
27-Sep-14	195	105	139	90	24	554
28-Sep-14	196	86	115	87	23	507
29-Sep-14	207	101	146	90	23	566
30-Sep-14	205	98	149	85	22	558
कुल TOTAL	7013	2676	4342	2601	618	17250
उच्चतम MAXIMUM	269	116	162	94	25	635
निम्नतम MINIMUM	195	40	115	78	17	507
औसत AVERAGE	234	89	145	87	21	575
अब तक का उच्चतम All Time Max.	332	142	202	94	27	712
दिनांक Date	31.07.14	29.09.11	08.08.13	09.09.13	14.09.10	27.08.13

HYDRO ENERGY DURING THE MONTH OF SEPTEMBER' 2014



7. राष्ट्रीय स्तर पर पवन ऊर्जा उत्पादन
WIND GENERATION AT NATIONAL LEVEL

माह:- सितम्बर 2014

MONTH:- September 2014

सभी आंकड़े मिलियन यूनिट में All figures in MU

दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL
01-Sep-14	5	41	84	-----	-----	130
02-Sep-14	18	39	76	-----	-----	133
03-Sep-14	17	37	74	-----	-----	128
04-Sep-14	7	60	76	-----	-----	143
05-Sep-14	17	74	82	-----	-----	173
06-Sep-14	15	56	81	-----	-----	152
07-Sep-14	5	46	65	-----	-----	116
08-Sep-14	4	62	82	-----	-----	148
09-Sep-14	3	69	90	-----	-----	162
10-Sep-14	0	47	87	-----	-----	134
11-Sep-14	5	27	79	-----	-----	111
12-Sep-14	6	26	77	-----	-----	109
13-Sep-14	11	24	75	-----	-----	110
14-Sep-14	10	19	52	-----	-----	81
15-Sep-14	7	11	55	-----	-----	73
16-Sep-14	10	16	67	-----	-----	93
17-Sep-14	18	17	65	-----	-----	100
18-Sep-14	18	18	66	-----	-----	102
19-Sep-14	20	24	69	-----	-----	113
20-Sep-14	0	25	69	-----	-----	94
21-Sep-14	21	18	49	-----	-----	88
22-Sep-14	18	11	26	-----	-----	55
23-Sep-14	23	12	17	-----	-----	52
24-Sep-14	24	14	9	-----	-----	47
25-Sep-14	0	9	9	-----	-----	18
26-Sep-14	10	7	9	-----	-----	26
27-Sep-14	14	11	9	-----	-----	34
28-Sep-14	0	11	12	-----	-----	23
29-Sep-14	0	10	7	-----	-----	17
30-Sep-14	16	10	9	-----	-----	35
कुल TOTAL	322	851	1627	...	...	2800
उच्चतम MAXIMUM	24	74	90	...	...	173
निम्नतम MINIMUM	0	7	7	...	...	17
औसत AVERAGE	11	28	54	...	...	93
अब तक का उच्चतम All Time Max.	34.9	102.8	125.1	...	...	223.8
दिनांक Date	12.06.12	22.06.14	06.08.14	...	...	03.08.12

8. ACTUAL POWER SUPPLY POSITION - SEPTEMBER 2014

REGION	STATE	Requirement/Availability in MU/DAY			Requirement/Availability in MU				Peak Demand/Peak Met in MW			
		Requirement	Energy met	Surplus(+)/ Deficit(-)	Requirement	Energy met	Surplus(+)/ Deficit(-)	% Shortage	Requirement	Peak Demand Met	Surplus(+)/ Deficit(-)	% Shortage
NR	Chandigarh	5.2	5.2	0.0	154.8	154.8	0.0	0.0	283.0	283.0	0.0	0.0
	Delhi	96.5	96.5	0.0	2894.8	2893.6	-1.3	0.0	4882.0	4882.0	0.0	0.0
	Haryana	152.4	149.6	-2.8	4571.9	4487.1	-87.5	-1.9	8227.0	8227.0	0.0	0.0
	H.P.	25.0	24.7	-0.4	751.2	739.5	-12.1	-1.6	1286.0	1286.0	0.0	0.0
	J&K	32.9	25.8	-7.1	986.7	775.0	-218.8	-21.5	2336.0	1869.0	-467.0	-20.0
	Punjab	163.6	161.1	-2.5	4908.5	4834.1	-76.9	-1.5	9385.0	9385.0	0.0	0.0
	Rajasthan	179.4	177.2	-2.1	5381.3	5317.3	-66.1	-1.2	10188.0	9474.0	-714.0	-7.0
	U.P.	318.3	249.0	-69.3	9549.1	7470.6	-2147.8	-21.8	14234.0	11844.3	-2389.8	-16.8
	Uttarakhand	35.8	34.3	-1.5	1073.0	1028.5	-45.9	-4.1	1883.0	1813.0	-70.0	-3.7
	NFF/Railway	2.3	2.3	0.0	69.4	69.4	0.0	0.0	100.0	100.0	0.0	0.0
TOTAL	1011.4	925.7	-85.7	30340.8	27770.0	-2656.4	-8.5	52804.0	49163.3	-3640.8	-6.9	
WR	Gujarat	243.9	243.4	-0.4	7315.6	7303.5	-12.6	-0.2	13824.0	13776.0	-48.0	-0.3
	Madhya Pradesh	148.1	147.9	-0.1	4441.5	4437.4	-4.3	-0.1	8414.0	8419.0	5.0	0.1
	Chhattisgarh	69.4	68.9	-0.4	2081.3	2067.8	-13.9	-0.6	3653.8	3295.0	-358.8	-9.8
	Maharashtra	369.7	367.1	-2.7	11091.9	11011.7	-82.9	-0.7	20785.0	19346.0	-1439.0	-6.9
	Goa	8.2	8.0	-0.1	244.6	240.5	-4.2	-1.7	444.0	444.0	0.0	0.0
	D&D	5.9	5.9	0.0	178.2	178.2	0.0	0.0	279.0	279.0	0.0	0.0
	DNH	14.8	14.8	-0.1	444.7	443.1	-1.7	-0.4	677.0	677.0	0.0	0.0
	ESIL	7.0	6.9	0.0	208.9	208.0	-0.9	-0.4	393.0	393.0	0.0	0.0
	TOTAL	866.9	863.0	-3.9	26006.6	25890.1	-120.3	-0.4	48469.8	46629.0	-1840.8	-3.8
SR	AP-TRANSCO	135.0	133.5	-1.5	4049.0	4005.0	-45.5	-1.1	6462.0	6380.0	-82.0	-1.3
	TG - TRANSCO	147.8	138.9	-8.9	4433.0	4166.0	-275.9	-6.0	6771.0	6602.0	-169.0	-2.5
	KPTCL	156.9	150.0	-6.9	4707.0	4500.0	-213.9	-4.4	8290.0	7973.0	-317.0	-3.8
	KSEB	58.6	58.0	-0.6	1758.0	1739.0	-19.6	-1.1	3550.0	3410.0	-140.0	-3.9
	TNEB	269.4	264.1	-5.3	8081.0	7922.0	-164.3	-2.0	13204.0	13200.0	-4.0	0.0
	PONDICHERY	6.6	6.5	-0.1	198.0	195.0	-3.1	-1.5	320.0	318.0	-2.0	-0.6
	TOTAL	774.2	750.9	-23.3	23226.0	22527.0	-722.3	-3.0	38597.0	37883.0	-714.0	-1.8
ER	Bihar	43.0	48.6	5.6	1291.0	1459.0	173.6	13.0	2700.0	2722.0	22.0	0.8
	JSEB	22.7	20.5	-2.2	680.0	615.0	-67.2	-9.6	1080.0	1026.0	-54.0	-5.0
	DVC	53.8	56.2	2.4	1615.0	1686.0	73.4	4.4	2690.0	2569.0	-121.0	-4.5
	Odisha	75.6	74.4	-1.2	2268.0	2231.0	-38.2	-1.6	3700.0	3797.0	97.0	2.6
	West Bengal	139.5	142.9	3.4	4185.0	4287.0	105.4	2.4	7600.0	7712.0	112.0	1.5
	TOTAL	334.6	342.6	8.0	10039.0	10278.0	247.0	2.4	17770.0	17826.0	56.0	0.3
NER	Arunachal Pradesh	2.3	2.0	-0.3	70.0	60.9	-9.4	-13.1	116.0	115.0	-1.0	-0.9
	Assam	27.5	21.1	-6.4	825.0	633.2	-198.2	-23.2	1322.0	1207.0	-115.0	-8.7
	Manipur	2.2	2.1	0.0	65.0	64.3	-0.7	-1.1	131.0	126.0	-5.0	-3.8
	MeSEB	4.8	4.5	-0.3	145.0	135.4	-10.0	-6.6	282.0	280.0	-2.0	-0.7
	Mizoram	1.3	1.3	0.0	38.0	37.6	-0.4	-1.1	78.0	78.0	0.0	0.0
	Nagaland	2.0	2.0	0.0	60.0	59.2	-0.8	-1.3	118.0	116.0	-2.0	-1.7
	Tripura	4.0	3.6	-0.4	120.0	107.6	-12.8	-10.3	256.0	256.0	0.0	0.0
	TOTAL	44.1	36.6	-7.5	1323.0	1098.2	-232.3	-17.0	2303.0	2178.0	-125.0	-5.4
ALL INDIA	3031.2	3043.4	12.3	90935.4	91302.9	379.8	0.4	159943.8	4356.0	-155587.8	-97.3	

9. ENERGY COMPARISON OF SEPTEMBER 2014 Vs SEPTEMBER 2013

REGION	STATE	Energy Requirement (MU)					Energy Met (MU)				
		Sep-13	Sep-14	Difference	% Change	Average MU/day for Sep-14	Sep-13	Sep-14	Difference	% Change	Average for MU/day Sep -14
NR	Chandigarh	147	155	7	5	5	147	155	7	5	5
	Delhi	2814	2895	80	3	96	2813	2894	80	3	96
	Haryana	4363	4572	209	5	152	4352	4487	135	3	150
	H.P.	719	751	32	4	25	714	740	26	4	25
	J&K	1125	987	-138	-12	33	894	775	-119	-13	26
	Punjab	5220	4908	-312	-6	164	5219	4834	-385	-7	161
	Rajasthan	5101	5381	281	5	179	5067	5317	250	5	177
	U.P.	8546	9549	1003	12	318	7027	7471	443	6	249
	Uttarakhand	991	1073	82	8	36	936	1029	93	10	34
	NFF/Railway	67	69	3	4	2	67	69	3	4	2
	TOTAL	29093	30341	1247	4	1011	27235	27770	535	2	926
WR	Gujarat	7348	7316	-32	0	244	7341	7303	-37	-1	243
	Madhya Pradesh	4141	4442	301	7	148	4150	4437	288	7	148
	Chhattisgarh	1988	2081	94	5	69	1972	2068	95	5	69
	Maharashtra	10058	11092	1034	10	370	9918	11012	1093	11	367
	Goa	223	245	22	10	8	222	241	18	8	8
	D&D	183	178	-5	-3	6	182	178	-4	-2	6
	DNH	447	445	-3	-1	15	446	443	-3	-1	15
	ESIL	176	209	33	19	7	175	208	33	19	7
TOTAL	24562	26007	1444	6	867	24406	25890	1484	6	863	
SR	AP-TRANSCO	7558	4049	924	12	131	7490	4005	681	7	134
	TG - TRANSCO		4433			143		4166			139
	KPTCL	4359	4707	348	8	157	4086	4500	414	10	150
	KSEB	1677	1758	81	5	59	1657	1739	82	5	58
	TNEB	7436	8081	645	9	269	7306	7922	616	8	264
	PONDY	187	198	11	6	7	184	195	11	6	7
	TOTAL	21215	23226	2011	9	774	20723	22527	1804	9	751
ER	Bihar	1230	1291	61	5	43	1233	1459	226	18	49
	JSEB	700	680	-20	-3	23	572	615	43	8	21
	DVC	1605	1615	10	1	54	1703	1686	-17	-1	56
	Odisha	2190	2268	78	4	76	2123	2231	108	5	74
	West Bengal	4214	4185	-29	-1	140	4108	4287	179	4	143
	TOTAL	9939	10039	100	1	335	9739	10278	539	6	343
NER	Arunachal Pradesh	40	70	30	74	2	38	61	23	61	2
	Assam	729	825	96	13	28	680	633	-47	-7	21
	Manipur	46	65	19	43	2	42	64	22	53	2
	MeSEB	140	145	5	4	5	130	135	6	4	5
	Mizoram	35	38	3	9	1	33	38	4	13	1
	Nagaland	48	60	12	26	2	46	59	13	29	2
	Tripura	105	120	15	14	4	97	108	10	10	4
	TOTAL	1143	1323	180	16	44	1066	1098	32	3	37
ALL INDIA	85952	90935	4983	6	3031	83169	87563	4394	5	2919	

10. DEMAND COMPARISON OF SEPTEMBER 2014 Vs SEPTEMBER 2013

REGION	STATE	Peak Requirement (MW)				Peak Met (MW)			
		Sep-13	Sep-14	Difference	% Change	Sep-13	Sep-14	Difference	% Change
NR	Chandigarh	301	283	-18	-6.0	301	283	-18	-6.0
	Delhi	4803	4882	79	1.6	4803	4882	79	1.6
	Haryana	7529	8227	698	9.3	7529	8227	698	9.3
	H.P.	1251	1286	35	2.8	1251	1286	35	2.8
	J&K	2200	2336	136	6.2	1749	1869	120	6.9
	Punjab	8610	9385	775	9.0	8610	9385	775	9.0
	Rajasthan	8929	10188	1259	14.1	8913	9474	561	6.3
	U.P.	12650	14234	1584	12.5	11520	11844	324	2.8
	Uttarakhand	1612	1883	271	16.8	1612	1813	201	12.5
	NFF/Railway	105	100	-5	-4.8	105	100	-5	-4.8
WR	Gujarat	12573	13824	1251	10	12577	13776	1199	9.5
	Madhya Pradesh	7623	8414	791	10	7395	8419	1024	13.8
	Chhattisgarh	3314	3654	340	10	3292	3295	3	0.1
	Maharashtra	17482	20785	3303	19	16732	19346	2614	15.6
	Goa	419	444	25	6	417	444	27	6.5
	D&D	263	279	17	6.3	262	279	17	6.5
	DNH	640	677	37	5.8	637	677	40	6.3
	ESIL	340	393	53	15.6	337	393	56	16.6
SR	AP-TRANSCO	11943	6462	1290	10.8	11887	6380	1095	9.2
	TG - TRANSCO		6771				6602		
	KPTCL	8098	8290	192	2.4	7743	7973	230	3.0
	KSEB	3362	3550	188	5.6	3212	3410	198	6.2
	TNEB	12425	13204	779	6.3	12218	13200	982	8.0
	PONDY	355	320	-35	-9.9	322	318	-4	-1.2
ER	Bihar	2700	2700	0	0.0	2088	2722	634	30.4
	JSEB	1150	1080	-70	-6.1	973	1026	53	5.4
	DVC	2675	2690	15	0.6	2782	2569	-213	-7.7
	Odisha	3600	3700	100	2.8	3697	3797	100	2.7
	West Bengal	7383	7600	217	2.9	7546	7712	166	2.2
NER	Arunachal Pradesh	105	116	11	10.9	103	115	12	11.7
	Assam	1329	1322	-7	-0.5	1220	1207	-13	-1.1
	Manipur	125	131	6	5.2	124	126	2	1.6
	MeSEB	296	282	-14	-4.7	285	280	-5	-1.8
	Mizoram	67	78	11	16.9	65	78	13	20.0
	Nagaland	103	118	15	14.9	100	116	16	16.0
	Tripura	216	256	40	18.3	217	256	39	18.0

11. SCHEDULE AND DRAWAL OF CONSTITUENTS - SEPTEMBER 2014

REGION	STATE	SCHEDULE (MU)	ACTUAL DRAWAL (MU)	Over drawal(+)/ Under Drawal(-) (MU)	% OD/UD	SCHEDULE (MU/DAY)	ACTUAL DRAWAL (MU/DAY)	Over drawal(+)/ Under Drawal(-) (MU/DAY)
NR	Chandigarh	132.20	161.98	29.78	22.52	4.26	5.23	0.96
	Delhi	2065.25	2059.60	-5.65	-0.27	66.62	66.44	-0.18
	Haryana	2140.31	2113.94	-26.37	-1.23	69.04	68.19	-0.85
	H.P.	110.78	132.60	21.82	19.69	3.57	4.28	0.70
	J&K	398.72	398.24	-0.49	-0.12	12.86	12.85	-0.02
	Punjab	2672.96	2581.41	-91.55	-3.43	86.22	83.27	-2.95
	Rajasthan	1609.32	1621.58	12.26	0.76	51.91	52.31	0.40
	U.P.	3213.00	3356.63	143.63	4.47	103.65	108.28	4.63
	Uttarakhand	436.01	450.46	14.45	3.31	14.06	14.53	0.47
NFF/Railway	40.43	67.16	26.73	66.11	1.30	2.17	0.86	
WR	Gujarat	2357.21	2326.89	-30.31	-1.29	76.04	75.06	-0.98
	Madhya Pradesh	2114.45	2143.40	28.95	1.37	68.21	69.14	0.93
	Maharashtra	3585.73	3658.81	73.08	2.04	115.67	118.03	2.36
	Chhattisgarh	650.88	670.66	19.78	3.04	21.00	21.63	0.64
	Goa	235.19	231.43	-3.76	-1.60	7.59	7.47	-0.12
	D&D	182.52	178.17	-4.35	-2.38	5.89	5.75	-0.14
	D&NH	444.79	443.09	-1.70	-0.38	14.35	14.29	-0.05
	ESIL	197.49	208.06	10.57	5.35	6.37	6.71	0.34
SR	AP TRANSCO	907.96	949.76	41.80	4.60	29.29	30.64	1.35
	TG TRANSCO	1799.62	1847.93	48.31	2.68	58.05	59.61	1.56
	KPTCL	604.88	639.90	35.02	5.79	19.51	20.64	1.13
	KSEB	926.91	992.80	65.89	7.11	29.90	32.03	2.13
	TNEB	2070.47	2092.07	21.60	1.04	66.79	67.49	0.70
	PONDICHERRY	195.00	194.76	-0.24	-0.12	6.29	6.28	-0.01
ER	Bihar	1401.08	1398.04	-3.04	-0.22	45.20	45.10	-0.10
	JSEB	329.13	334.45	5.32	1.62	10.62	10.79	0.17
	DVC	-314.90	-248.50	66.40	-21.09	-10.16	-8.02	2.14
	GRIDCO	476.60	475.92	-0.68	-0.14	15.37	15.35	-0.02
	WBSEB	1237.64	1263.04	25.40	2.05	39.92	40.74	0.82
	Sikkim	35.82	30.99	-4.83	-13.48	1.16	1.00	-0.16
NER	Arunachal Pradesh	58.48	60.86	2.38	4.07	1.89	1.96	0.08
	Assam	437.21	451.08	13.87	3.17	14.10	14.55	0.45
	Manipur	65.66	64.30	-1.36	-2.07	2.12	2.07	-0.04
	MeSEB	2.22	-4.59	-6.81	-306.83	0.07	-0.15	-0.22
	Mizoram	33.39	35.40	2.01	6.01	1.08	1.14	0.06
	Nagaland	42.61	43.24	0.63	1.48	1.37	1.39	0.02
	Tripura	42.31	46.65	4.34	10.25	1.36	1.50	0.14

12. INTER REGIONAL EXCHANGES 2014-15

	April'14	May'14	June'14	July'14	Aug'14	Sep'14	Fin. Year 2014-15 Till September 2014
Name of Line							
Import of NR from WR (WR-NR)							
WR - NR 765 kV Gwalior - Agra D/C	1131.41	1094.02	1169.37	1136.35	1056.36	961.21	6548.72
WR - NR HVDC Vindhyachal	226.93	146.02	220.87	76.68	102.45	87.66	860.61
WR - NR 400 kV Zerda Kankroli	0.00	0.00	0.00	1.12	0.35	0.00	1.47
WR - NR 400 kV Zerda Bhinmal	0.00	0.00	0.11	0.11	4.56	0.00	4.78
WR - NR 220 kV Badod - Kota/ Modak	0.00	0.00	5.46	3.26	6.72	3.34	18.78
WR - NR 220 kV Auraiya - Malanpur/Mehgaon	0.00	0.00	2.26	0.00	0.00	2.36	4.61
WR - NR HVDC Mundra - Mohindergarh	1435.93	1407.11	1420.90	1508.24	1425.60	1113.54	8311.32
Total WR - NR	2794.27	2647.15	2818.96	2725.76	2877.20	2168.12	16031.46
Import of NR from ER (ER-NR)							
ER - NR 765 kV Sasaram - Fatehpur	15.63	29.42	61.54	63.42	127.24	60.30	357.55
ER - WR 765 kV Gaya - Fatehpur	0.00	5.45	7.52	10.10	47.03	119.40	189.50
ER - WR 400 kV Pusauli - Balia	1.80	0.00	2.18	1.89	10.35	4.91	21.13
ER-NR 400 kV Patna - Balia 2xD/C	199.41	188.18	196.33	216.02	228.67	174.58	1203.18
ER - NR 400 kV Muzaffarpur - Gorakhpur D/C	60.87	153.36	338.00	356.61	407.36	323.35	1639.55
ER - NR 400 kV Biharshariff - Balia D/C	73.20	134.72	234.73	161.92	210.72	162.99	978.28
ER - NR HVDC Sasaram (Bypass)	214.12	275.04	232.52	300.59	130.61	206.35	1359.23
ER - NR 220 kV Pusauli - Sahupuri	112.59	109.26	117.30	106.27	99.97	95.07	640.45
ER - NR 132 kV Sahupuri - Karamnasa	0.00	0.00	0.00	0.00	6.72	15.36	22.08
ER - NR 132 kV Rihand - Son Nagar	0.00	0.00	0.00	0.00	0.00	-0.54	-0.54
Total NR - WR	677.62	895.41	1190.11	1216.83	1268.66	1268.66	6517.28
Export of NR to WR (NR-WR)							
NR - WR 765 kV Gwalior - Agra D/C	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NR - WR HVDC Vindhyachal	7.75	36.56	10.16	68.79	110.02	105.84	339.12
NR - WR 400 kV Zerda Kankroli	180.30	135.80	123.34	131.77	112.67	101.46	785.33
NR - WR 400 kV Zerda Bhinmal	133.65	98.67	104.05	114.09	93.08	92.64	636.18
NR - WR 220 kV Badod - Kota/ Modak	88.03	68.11	90.43	54.24	69.10	31.14	401.06
NR - WR 220 kV Auraiya - Malanpur/Mehgaon	26.51	28.54	26.76	37.59	50.65	47.78	217.82
NR - WR HVDC Mundra - Mohindergarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NR - WR	436.24	367.68	354.74	406.49	435.52	378.86	2379.52
Export of NR to ER (NR-ER)							
NR - ER 765 kV Sasaram - Fatehpur	39.73	10.26	1.31	1.06	0.79	0.90	54.05
NR - ER 765 kV Gaya - Fatehpur	50.11	22.91	1.64	3.28	2.64	4.07	84.65
NR - ER 400 kV Pusauli - Balia	66.02	53.18	20.67	43.56	13.45	39.91	236.79
NR - ER 400 kV Patna - Balia 2xD/C	0.00	0.00	0.65	0.00	0.00	0.00	0.65
NR - ER 400 kV Muzaffarpur - Gorakhpur D/C	5.12	1.26	0.00	0.00	0.00	5.63	12.01
NR - ER 400 kV Biharshariff - Balia D/C	2.38	0.00	0.00	0.00	0.00	0.00	2.38
NR - ER HVDC Sasaram (Bypass)	25.06	0.70	1.72	0.00	47.93	7.07	82.49
NR - ER 220 kV Pusauli - Sahupuri	0.00	0.03	0.00	3.28	3.72	0.00	7.03
NR - ER 132 kV Sahupuri - Karamnasa	0.00	0.94	0.00	-0.50	0.48	2.19	3.11
NR - ER 132 kV Rihand - Son Nagar	12.54	7.36	3.28	6.11	19.90	23.09	72.27
Total NR - ER	200.97	96.65	29.27	56.78	88.91	82.84	555.42

12. INTER REGIONAL EXCHANGES 2014-15

	April'14	May'14	June'14	July'14	Aug'14	Sep'14	Fin. Year 2014-15 Till September 2014
Name of Line							
Export of WR to ER (WR-ER)							
WR - ER 765 kV Ranchi - Dharamjaygarh	4.29	72.09	2.90	-84.11	-112.10	-94.49	-211.42
WR - ER 400 kV Sipat - Ranchi D/C	5.57	97.73	44.48	-64.65	-69.00	-77.39	-63.26
WR - ER 400 kV Raigarh - Sterlite D/C	0.00	0.00	0.37	-79.86	-55.03	-58.80	-193.32
WR - ER 400 kV Raigarh - Jharsuguda D/C	2.20	78.59	45.11	-134.56	-59.72	-70.43	-138.80
WR - ER 220 kV Korba - Budhipadar D/C	0.19	10.23	8.18	-4.97	-19.97	-36.32	-42.66
WR - ER 220 kV Raigarh - Budhipadar	0.00	0.49	0.08	-0.80	-6.35	-15.72	-22.30
Total WR - ER	7.95	259.13	141.09	-368.94	-322.17	-353.15	-636.09
Import of WR from ER (ER - WR)							
ER - WR 765 kV Ranchi - Dharamjaygarh	0.00	0.73	5.28	6.08	4.84	1.84	18.78
ER - WR 400 kV Sipat - Ranchi D/C	2.42	0.00	2.53	3.75	5.35	2.95	17.00
ER - WR 400 kV Raigarh - Sterlite D/C	115.86	115.02	172.47	118.86	129.37	147.84	799.42
ER - WR 400 kV Raigarh - Jharsuguda D/C	0.00	0.00	13.84	2.72	3.53	3.31	23.40
ER - WR 220 kV Korba - Budhipadar D/C	4.66	9.39	12.19	33.53	11.44	4.15	75.37
ER - WR 220 kV Raigarh - Budhipadar	70.98	63.40	64.54	34.75	33.26	31.17	298.10
Total ER - WR	193.92	188.55	270.86	199.69	187.79	191.26	1232.07
Export of ER to NER							
ER - NER 400 kV Binaguri - Bongaigaon D/C	231.89	201.50	128.44	48.77	16.46	7.67	634.73
ER - NER 220 kV Birpara - Salakati D/C	41.64	59.03	63.64	25.26	37.33	27.02	253.92
Total ER - NER	273.52	260.53	192.08	74.03	53.80	34.69	888.65
Import of ER from NER (NER - ER)							
NER - ER 400 kV Binaguri - Bongaigaon D/C	0.00	0.00	6.92	-34.70	-87.32	-114.52	-229.62
NER - ER 220 kV Birpara - Salakati D/C	0.00	0.00	0.00	-0.46	-2.02	-8.20	-10.68
Total NER - ER	0.00	0.00	6.92	-35.16	-89.34	-122.73	-240.30
Export of ER to SR (ER - SR)	0.00						
ER - SR HVDC Gazuwaka	534.56	526.50	394.52	488.09	480.65	428.23	2852.55
ER - SR HVDC Talchar - Kolar	1419.85	1299.16	1345.00	1431.12	199.57	1344.73	7039.43
Total ER - SR	1954.41	1825.70	1739.53	1919.21	680.22	1772.96	9892.03
Import of ER from SR (SR - ER)							
SR - ER HVDC Gazuwaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SR - ER HVDC Talchar - Kolar	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total SR - ER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Export of WR to SR (WR-SR)							
WR - SR HVDC Bhadrawati	691.96	692.54	675.04	727.00	9.81	701.99	3498.34
WR - SR 765 kV Sholapur - Raichur	78.84	68.83	79.31	118.00	7.80	218.95	571.72
Total WR - SR	770.80	761.36	754.35	845.00	17.61	920.94	4070.06
Import of WR from SR (SR - WR)							
SR - WR HVDC Bhadrawati	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SR - WR 765 kV Raichur - Sholapur	35.99	47.17	50.50	51.39	0.56	-28.88	156.72
Total SR - WR	35.99	47.17	50.50	51.39	0.56	-28.88	156.72
TOTAL ALL INDIA	7346	7349	7548	7091	5199	6314	34533

12.1 Import of NR from WR & ER during September 2014																				
Date	Import of NR from WR (WR-NR)									Import of NR from ER (ER-NR)										
	WR - NR 765 kV Gwalior - Agra D/C	WR - NR HVDC V'chal	WR - NR 400 kV Zerda- Kankroli	WR - NR 400 kV Zerda- Bhinmal	WR - NR 220 kV Badod - Kota / Modak	WR - NR 220 kV Auraiya - Malanpur / Mehgaon	WR-NR 400 KV Rihand Vindhyachal	WR - NR HVDC Mundra - M'garh	Total WR - NR	ER - NR 765 kV Sasaram - Fatehpur	ER - WR 765 kV Gaya - Fatehpur	ER - WR 400 kV Pusauli - Balua	ER-NR 400 kV Patna - Balua 2xD/C	ER - NR 400 kV Muzaffarpur - G'pur D/C	ER - NR 400 kV B'shariff - Balua D/C	ER - NR HVDC Sasaram (Byepass)	ER - NR 220 kV Pusauli - Sahupuri	ER - NR 132 kV Sahupuri - K'nasa	ER - NR 132 kV Rihand - Son Nagar	Total NR -WR
1-Sep-14	46.47	4.98	0.00	0.00	0.00	0.00	10.75	36.39	98.58	1.29	0.14	0.00	6.82	10.79	5.74	9.23	3.26	0.96	0.00	38.22
2-Sep-14	38.90	2.15	0.00	0.00	0.00	0.00	10.58	38.72	90.34	2.96	0.61	0.00	4.96	10.84	4.56	4.69	2.95	0.96	0.00	32.54
3-Sep-14	0.00	0.00	0.00	0.00	0.36	2.36	6.29	7.95	16.96	0.00	0.00	4.13	4.95	0.00	10.81	0.00	2.02	0.00	0.00	21.90
4-Sep-14	32.64	0.46	0.00	0.00	0.00	0.00	0.00	30.16	63.25	3.09	0.00	0.00	5.41	9.85	5.09	4.89	3.24	0.00	0.00	31.57
5-Sep-14	22.37	0.15	0.00	0.00	0.00	0.00	0.00	23.87	46.39	0.49	0.00	0.79	3.01	9.33	3.94	4.85	3.70	0.00	0.00	26.10
6-Sep-14	35.57	1.51	0.00	0.00	0.00	0.00	0.00	22.98	60.06	1.86	0.74	0.00	5.56	11.48	5.21	4.87	3.13	0.00	0.00	32.86
7-Sep-14	35.27	1.48	0.00	0.00	1.02	0.00	0.00	24.57	62.33	2.65	5.60	0.00	7.26	12.41	6.65	4.14	3.04	0.96	-1.01	41.70
8-Sep-14	35.85	3.93	0.00	0.00	0.00	0.00	0.00	32.92	72.70	1.98	4.63	0.00	5.69	11.94	5.70	4.89	3.31	0.48	0.00	38.61
9-Sep-14	37.05	0.61	0.00	0.00	0.00	0.00	0.00	32.57	70.23	0.18	2.48	0.00	4.09	9.26	4.32	4.86	3.56	0.96	0.00	29.71
10-Sep-14	32.81	4.19	0.00	0.00	0.00	0.00	1.83	33.89	72.71	0.39	2.51	0.00	4.21	9.49	4.27	4.78	3.07	0.96	0.00	29.68
11-Sep-14	33.71	0.00	0.00	0.00	0.00	0.00	9.12	33.89	76.71	0.00	1.65	0.00	4.84	9.51	4.46	4.88	3.65	0.96	0.00	29.95
12-Sep-14	32.11	0.00	0.00	0.00	0.00	0.00	9.55	33.89	75.55	0.34	2.22	0.00	4.84	9.03	4.53	4.88	2.82	0.48	0.00	29.15
13-Sep-14	31.33	0.19	0.00	0.00	0.00	0.00	9.69	35.66	76.87	1.61	3.50	0.00	4.05	8.83	4.02	4.76	2.86	0.48	0.00	30.11
14-Sep-14	37.86	6.64	0.00	0.00	0.07	0.00	13.00	37.28	94.84	0.95	3.18	0.00	3.35	8.03	3.79	4.98	3.13	1.44	0.00	28.85
15-Sep-14	37.97	10.61	0.00	0.00	0.00	0.00	10.38	35.91	94.86	1.95	2.98	0.00	2.68	8.91	3.66	4.81	3.41	0.00	0.00	28.39
16-Sep-14	35.21	7.97	0.00	0.00	0.03	0.00	-10.48	45.31	78.04	2.87	5.17	0.00	5.88	9.65	3.73	4.87	2.70	0.00	0.00	34.87
17-Sep-14	36.95	7.75	0.00	0.00	0.57	0.00	11.45	48.36	105.08	0.40	4.73	0.00	8.64	9.27	4.38	9.53	2.73	0.00	0.00	39.67
18-Sep-14	33.33	2.90	0.00	0.00	0.00	0.00	11.73	48.37	96.33	0.33	3.91	0.00	6.72	9.00	5.34	9.70	2.40	0.96	0.00	38.37
19-Sep-14	40.12	4.88	0.00	0.00	0.00	0.00	11.73	45.54	102.26	2.66	6.02	0.00	5.44	11.19	4.99	9.68	2.88	0.48	0.00	43.34
20-Sep-14	36.87	9.58	0.00	0.00	0.65	0.00	11.78	43.55	102.43	3.03	7.46	0.00	10.16	14.84	5.38	9.60	3.27	0.96	0.00	54.70
21-Sep-14	36.87	9.58	0.00	0.00	0.65	0.00	11.78	43.55	102.43	3.03	7.46	0.00	10.16	14.84	5.38	9.60	3.27	0.96	0.00	54.70
22-Sep-14	35.03	2.14	0.00	0.00	0.00	0.00	11.79	43.55	92.52	3.44	6.05	0.00	9.42	14.05	5.66	9.77	2.69	0.48	0.00	51.56
23-Sep-14	34.55	2.14	0.00	0.00	0.00	0.00	11.81	43.30	91.80	2.16	3.52	0.00	7.42	14.05	7.08	9.69	2.68	0.96	0.00	47.55
24-Sep-14	19.51	0.00	0.00	0.00	0.00	0.00	11.03	42.90	73.44	3.58	7.19	0.00	4.58	13.22	7.18	9.69	3.80	0.00	0.00	49.24
25-Sep-14	34.25	1.28	0.00	0.00	0.00	0.00	10.92	47.54	93.99	1.30	4.48	0.00	2.58	10.03	3.94	9.65	3.52	1.92	0.00	37.41
26-Sep-14	29.93	2.42	0.00	0.00	0.00	0.00	11.62	44.95	88.92	1.30	4.48	0.00	8.61	12.81	4.13	9.65	3.52	0.00	0.00	44.50
27-Sep-14	31.22	0.13	0.00	0.00	0.00	0.00	0.00	41.13	72.49	4.88	7.83	0.00	7.26	14.61	7.36	9.72	3.17	0.00	0.47	55.29
28-Sep-14	19.51	0.00	0.00	0.00	0.00	0.00	11.03	42.90	73.44	3.58	7.19	0.00	4.58	13.22	7.18	9.69	3.80	0.00	0.00	49.24
29-Sep-14	19.51	0.00	0.00	0.00	0.00	0.00	11.03	42.90	73.44	3.58	7.19	0.00	4.58	13.22	7.18	9.69	3.80	0.00	0.00	49.24
30-Sep-14	28.47	0.00	0.00	0.00	0.00	0.00	11.79	29.06	69.32	4.40	6.48	0.00	6.84	9.64	7.31	4.34	3.73	0.00	0.00	42.74
Total	961.21	87.66	0.00	0.00	3.34	2.36	220.18	1113.54	2388.30	60.30	119.40	4.91	174.58	323.35	162.99	206.35	95.07	15.36	-0.54	1161.78

Date	12.2 Export of NR to WR & ER during September 2014																		
	Export of NR to WR (NR- WR)								Export of NR to ER (NR- ER)										
	WR - NR 765 kV Gwalior - Agra D/C	WR - NR HVDC V'chal	WR - NR 400 kV Zerda- Kankroli	WR - NR 400 kV Zerda- Bhinmal	WR - NR 220 kV Badod - Kota / Modak	WR - NR 220 kV Auraiya - Malanpur / Mehgaon	WR - NR HVDC Mundra - M'garh	Total WR - NR	ER - NR 765 kV Sasaram - Fatehpur	ER - WR 765 kV Gaya - Fatehpur	ER - WR 400 kV Pusauli - Balua	ER-NR 400 kV Patna - Balua 2xD/C	ER - NR 400 kV Muzaffarpur - G'pur D/C	ER - NR 400 kV B'shariff - Balua D/C	ER - NR HVDC Sasaram (Byepass)	ER - NR 220 kV Pusauli - Sahupuri	ER - NR 132 kV K'nasa	ER - NR 132 kV Rihand - Son Nagar	Total NR -WR
1-Sep-14	0.00	0.00	4.32	2.30	0.98	2.29	0.00	9.89	0.00	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.88	2.21	
2-Sep-14	0.00	0.90	6.60	2.30	0.93	2.29	0.00	13.02	0.00	0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.79	1.91	
3-Sep-14	0.00	1.07	0.00	0.00	0.00	1.84	0.00	2.92	0.12	1.41	0.00	0.00	5.63	0.00	5.79	0.00	1.01	13.95	
4-Sep-14	0.00	7.48	3.77	5.48	0.53	0.82	0.00	18.06	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.86	2.76	
5-Sep-14	0.00	5.61	3.34	5.77	1.16	1.39	0.00	17.27	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.93	2.63	
6-Sep-14	0.00	3.40	4.09	4.44	0.03	0.99	0.00	12.95	0.00	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.91	2.33	
7-Sep-14	0.00	0.80	1.86	1.71	0.00	1.18	0.00	5.55	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	1.01	1.98	
8-Sep-14	0.00	0.43	1.74	1.68	0.74	1.12	0.00	5.71	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.96	2.86	
9-Sep-14	0.00	2.57	0.06	3.36	7.08	1.37	0.00	14.44	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.48	0.93	2.72	
10-Sep-14	0.00	1.35	3.09	3.20	1.51	1.74	0.00	10.89	0.00	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.93	2.22	
11-Sep-14	0.00	9.20	2.53	2.39	0.99	1.44	0.00	16.55	0.78	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.92	2.81	
12-Sep-14	0.00	7.91	2.64	3.02	1.01	1.77	0.00	16.35	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	-0.71	0.10	
13-Sep-14	0.00	6.98	2.12	2.57	0.21	1.85	0.00	13.74	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	-0.41	0.98	
14-Sep-14	0.00	0.52	2.07	2.28	0.00	1.23	0.00	6.09	0.00	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.60	1.82	
15-Sep-14	0.00	0.00	1.42	1.04	1.38	1.18	0.00	5.02	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.75	1.78	
16-Sep-14	0.00	0.07	2.46	2.36	0.03	1.34	0.00	6.26	0.00	0.00	1.46	0.00	0.00	0.00	0.00	0.00	0.83	2.29	
17-Sep-14	0.00	0.00	2.84	2.91	0.00	1.22	0.00	6.96	0.00	0.00	1.88	0.00	0.00	0.00	0.00	0.00	0.96	2.84	
18-Sep-14	0.00	1.80	3.65	3.50	0.50	1.54	0.00	10.97	0.00	0.00	1.24	0.00	0.00	0.00	0.00	0.00	1.02	2.26	
19-Sep-14	0.00	0.98	3.25	2.10	0.00	1.38	0.00	7.71	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.96	2.45	
20-Sep-14	0.00	0.00	3.22	2.95	0.00	1.46	0.00	7.63	0.00	0.00	2.09	0.00	0.00	0.00	0.00	0.00	0.89	2.98	
21-Sep-14	0.00	0.00	3.22	2.95	0.00	1.46	0.00	7.63	0.00	0.00	2.09	0.00	0.00	0.00	0.00	0.00	0.89	2.98	
22-Sep-14	0.00	0.69	4.32	4.00	1.98	2.10	0.00	13.09	0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	1.00	2.53	
23-Sep-14	0.00	0.69	4.32	4.00	0.07	1.80	0.00	10.87	0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.00	1.01	2.27	
24-Sep-14	0.00	10.79	5.46	3.61	2.10	1.16	0.00	23.12	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.82	1.94	
25-Sep-14	0.00	4.85	5.58	5.10	1.72	1.86	0.00	19.10	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.48	0.90	3.06	
26-Sep-14	0.00	1.42	5.58	4.45	1.20	2.29	0.00	14.95	0.00	0.00	4.24	0.00	0.00	0.00	0.00	0.48	0.94	5.66	
27-Sep-14	0.00	3.50	3.73	3.16	1.06	2.53	0.00	13.98	0.00	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.90	2.19	
28-Sep-14	0.00	10.79	5.46	3.61	2.10	1.16	0.00	23.12	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.82	1.94	
29-Sep-14	0.00	10.79	5.46	3.61	2.10	1.16	0.00	23.12	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.82	1.94	
30-Sep-14	0.00	11.27	3.26	2.83	1.74	2.82	0.00	21.92	0.00	0.00	0.43	0.00	0.00	0.00	1.29	0.75	0.00	2.46	
Total September	0.00	105.84	101.46	92.64	31.14	47.78	0.00	378.86	0.90	4.07	39.91	0.00	5.63	0.00	7.07	0.00	2.19	23.09	82.84

Date	12.3 Import - Export of ER with WR & NER during September 2014																			
	Export of WR to ER (WR-ER)							Import of WR from ER (ER - WR)							Export of ER to NER (ER - NER)			Import of ER from NER (NER - ER)		
	WR - ER 765 kV Dharamjygarh - Ranchi D/C	WR - ER 400 kV Sipat - Ranchi D/C	WR - ER 400 kV Raigarh - Sterlite D/C	WR - ER 400 kV Raigarh - Jharsuguda D/C	WR - ER 220 kV Korba - Budhipadar D/C	WR - ER 220 kV Raigarh - Budhipadar	Total WR - ER	WR - ER 765 kV Dharamjygarh - Ranchi D/C	ER - WR 400 kV Sipat - Ranchi D/C	ER - WR 400 kV Raigarh - Sterlite D/C	ER - WR 400 kV Raigarh - Jharsuguda D/C	ER - WR 220 kV Korba - Budhipadar D/C	ER - WR 220 kV Raigarh - Budhipadar	Total ER - WR	ER - NER 400 kV Binaguri - Bongaigaon D/C	ER - NER 220 kV Birpara - Salakati D/C	Total ER - NER	NER - ER 400 kV Binaguri - Bongaigaon D/C	NER - ER 220 kV Birpara - Salakati D/C	Total NER - ER
1-Sep-14	-4.32	-2.15	-2.05	-3.87	-0.50	0.00	-12.88	0.0	0.0	3.7	0.00	0.07	0.00	3.77	1.49	2.09	3.58	-0.19	0.00	-0.19
2-Sep-14	-2.73	-1.29	-0.87	-1.87	-0.25	0.00	-7.01	0.0	0.1	4.8	0.00	0.05	0.12	5.07	1.30	2.05	3.35	-0.81	0.00	-0.81
3-Sep-14	-3.94	-2.71	-1.79	-2.31	-0.78	0.00	-11.53	0.0	0.0	4.0	0.00	0.00	0.22	4.21	0.14	1.08	1.23	-1.83	0.00	-1.83
4-Sep-14	-4.30	-2.95	-2.37	-2.79	-0.56	0.00	-12.96	0.0	0.0	3.7	0.00	0.05	0.05	3.75	0.12	1.03	1.15	-2.19	0.00	-2.19
5-Sep-14	-3.22	-2.10	-2.07	-2.48	-0.32	-0.03	-10.22	0.0	0.0	3.5	0.00	0.16	0.17	3.79	0.47	1.30	1.77	-1.40	0.00	-1.40
6-Sep-14	-4.11	-2.51	-1.99	-2.02	-0.73	-0.11	-11.47	0.0	0.0	2.8	0.07	0.03	0.00	2.93	0.46	1.20	1.65	-1.81	0.00	-1.81
7-Sep-14	-2.30	-1.16	-0.72	-0.80	-1.34	-0.11	-6.43	0.1	0.2	4.1	0.23	0.00	0.02	4.63	0.26	1.06	1.32	-2.09	0.00	-2.09
8-Sep-14	-4.27	-2.87	-2.22	-2.86	-2.08	-0.39	-14.69	0.0	0.0	3.8	0.01	0.00	0.04	3.90	0.19	1.08	1.27	-2.09	0.00	-2.09
9-Sep-14	-5.14	-3.52	-2.38	-3.00	-4.05	-2.45	-20.53	0.0	0.0	3.7	0.02	0.00	0.05	3.78	0.10	1.02	1.12	-1.99	0.00	-1.99
10-Sep-14	-4.89	-3.15	-1.63	-1.29	-3.81	-2.39	-17.16	0.0	0.0	5.1	0.11	0.00	0.08	5.33	0.38	1.16	1.54	-2.28	0.00	-2.28
11-Sep-14	-7.12	-4.87	-3.03	-2.50	-4.24	-2.54	-24.30	0.0	0.0	2.9	0.00	0.00	0.00	2.91	0.51	1.36	1.86	-1.36	0.00	-1.36
12-Sep-14	-6.53	-4.53	-2.81	-2.15	-4.02	-2.07	-22.11	0.0	0.0	3.2	0.00	0.00	0.05	3.26	0.51	1.66	2.17	-0.88	0.00	-0.88
13-Sep-14	-5.50	-3.68	-2.32	-1.70	-2.69	-1.73	-17.63	0.0	0.0	3.4	0.01	0.00	0.10	3.50	0.20	1.03	1.23	-2.54	0.00	-2.54
14-Sep-14	-2.43	-4.15	-2.56	-1.61	-2.92	-1.47	-15.14	0.0	0.0	3.0	0.00	0.00	0.31	3.35	0.22	1.09	1.32	-2.69	0.00	-2.69
15-Sep-14	0.00	-4.74	-2.67	-1.36	-3.26	-1.85	-13.88	0.0	0.0	3.3	0.00	0.00	0.41	3.75	0.04	0.92	0.96	-2.03	0.00	-2.03
16-Sep-14	0.00	-3.15	-1.96	-1.37	-1.06	-0.17	-7.71	0.0	0.0	4.4	0.05	0.01	0.39	4.83	0.28	1.30	1.58	-1.03	0.00	-1.03
17-Sep-14	0.00	-3.58	-2.26	-1.92	-0.27	0.00	-8.03	0.0	0.0	4.2	0.01	0.10	0.69	5.03	0.48	1.56	2.04	-0.76	0.00	-0.76
18-Sep-14	0.00	-3.71	-2.58	-2.42	-0.08	0.00	-8.79	0.0	0.0	4.1	0.00	0.31	0.72	5.10	0.36	1.37	1.73	-0.95	0.00	-0.95
19-Sep-14	0.00	-3.20	-2.25	-2.08	-0.02	0.00	-7.56	0.0	0.0	4.4	0.00	0.31	0.42	5.13	0.06	1.18	1.24	-1.96	0.00	-1.96
20-Sep-14	-1.37	-2.29	-2.44	-3.76	-0.08	0.00	-9.94	0.0	0.0	4.4	0.00	0.31	1.53	6.23	0.03	0.83	0.85	-3.65	0.00	-3.65
21-Sep-14	-1.91	-1.08	-1.95	-3.66	-0.18	-0.05	-8.84	0.3	0.4	7.3	0.00	0.54	2.69	11.11	0.00	0.25	0.25	-7.53	-0.38	-7.90
22-Sep-14	-2.16	-0.75	-1.89	-3.61	-0.80	-0.29	-9.49	0.4	0.4	7.6	0.00	0.08	3.21	11.69	0.01	0.14	0.15	-10.65	-1.42	-12.08
23-Sep-14	-5.10	-1.91	-3.01	-5.01	-0.43	-0.06	-15.51	0.0	0.0	7.1	0.00	0.18	2.90	10.22	0.00	0.00	0.00	-11.06	-1.53	-12.59
24-Sep-14	-5.27	-3.20	-3.13	-5.21	-0.49	-0.01	-17.31	0.0	0.0	6.3	0.00	0.19	3.24	9.71	0.00	0.04	0.04	-9.74	-1.15	-10.89
25-Sep-14	-5.64	-2.76	-1.92	-3.28	-0.32	0.00	-13.93	0.0	0.0	7.2	0.02	0.12	3.12	10.52	0.00	0.09	0.09	-8.93	-1.02	-9.95
26-Sep-14	-3.02	-1.35	-0.82	-1.37	-0.23	0.00	-6.78	0.3	0.2	9.2	0.58	0.18	3.32	13.78	0.00	0.16	0.16	-7.08	-0.52	-7.60
27-Sep-14	-2.36	-1.07	-0.50	-0.84	-0.25	0.00	-5.02	0.4	0.5	7.0	1.30	0.28	2.26	11.77	0.04	0.25	0.30	-7.33	-0.68	-8.01
28-Sep-14	-2.37	-0.93	-0.72	-0.97	-0.17	0.00	-5.16	0.2	0.4	8.0	0.43	0.45	1.65	11.10	0.00	0.17	0.17	-7.00	-0.51	-7.50
29-Sep-14	-1.60	-0.67	-0.58	-0.62	-0.12	0.00	-3.58	0.3	0.7	6.3	0.48	0.44	1.38	9.56	0.00	0.11	0.11	-6.87	-0.84	-7.71
30-Sep-14	-2.90	-1.36	-1.32	-1.71	-0.27	-0.02	-7.59	0.0	0.0	5.2	0.00	0.30	2.02	7.57	0.02	0.44	0.47	-3.83	-0.16	-3.99
Total	-94.49	-77.39	-58.80	-70.43	-36.32	-15.72	-353.15	1.84	2.95	147.84	3.31	4.15	31.17	191.26	7.67	27.02	34.69	-114.52	-8.20	-122.73

Date	12.4 Import and Export of SR with ER & WR during September 2014											
	Export of ER to SR (ER - SR)			Import of ER from SR (SR - ER)			Export of WR to SR (WR-SR)			Import of WR from SR (SR - WR)		
	ER - SR HVDC Gazuwaka	ER - SR HVDC Talchar -Kolar	Total ER - SR	SR - ER HVDC Gazuwaka	SR - ER HVDC Talchar -	Total SR - ER	WR - SR HVDC Bhadrawati	WR - SR 765 kV Sholapur - Raichur	Total WR - SR	SR - WR HVDC Bhadrawati	SR - WR 765 kV Raichur - Sholapur	Total SR - WR
1-Sep-14	11.26	30.21	41.47	0.00	0.00	0.00	23.44	5.49	28.92	0.00	-0.96	-0.96
2-Sep-14	10.00	34.03	44.02	0.00	0.00	0.00	23.69	8.26	31.95	0.00	-0.12	-0.12
3-Sep-14	14.82	42.07	56.88	0.00	0.00	0.00	23.64	7.72	31.37	0.00	-1.69	-1.69
4-Sep-14	14.91	46.90	61.81	0.00	0.00	0.00	22.87	5.61	28.48	0.00	-0.89	-0.89
5-Sep-14	15.60	48.58	64.18	0.00	0.00	0.00	23.70	6.56	30.26	0.00	-1.28	-1.28
6-Sep-14	16.76	42.60	59.35	0.00	0.00	0.00	23.76	4.50	28.26	0.00	-2.89	-2.89
7-Sep-14	11.42	31.13	42.55	0.00	0.00	0.00	23.75	2.40	26.15	0.00	-2.08	-2.08
8-Sep-14	9.71	36.38	46.08	0.00	0.00	0.00	22.43	2.75	25.17	0.00	-4.79	-4.79
9-Sep-14	11.22	44.85	56.08	0.00	0.00	0.00	23.16	6.39	29.55	0.00	-1.59	-1.59
10-Sep-14	12.11	43.43	55.54	0.00	0.00	0.00	23.64	6.11	29.75	0.00	-1.37	-1.37
11-Sep-14	12.12	48.69	60.81	0.00	0.00	0.00	23.56	7.13	30.69	0.00	-0.74	-0.74
12-Sep-14	15.29	48.79	64.08	0.00	0.00	0.00	23.57	6.40	29.98	0.00	-1.09	-1.09
13-Sep-14	12.80	48.79	61.60	0.00	0.00	0.00	23.55	9.53	33.09	0.00	-0.06	-0.06
14-Sep-14	12.10	49.92	62.02	0.00	0.00	0.00	23.54	8.05	31.59	0.00	-0.31	-0.31
15-Sep-14	12.73	45.88	58.61	0.00	0.00	0.00	23.56	7.55	31.11	0.00	-1.57	-1.57
16-Sep-14	11.79	44.91	56.71	0.00	0.00	0.00	23.53	4.33	27.85	0.00	-2.23	-2.23
17-Sep-14	12.98	44.60	57.57	0.00	0.00	0.00	23.56	3.08	26.64	0.00	-1.08	-1.08
18-Sep-14	14.30	44.47	58.77	0.00	0.00	0.00	23.62	6.69	30.31	0.00	-1.10	-1.10
19-Sep-14	15.13	43.27	58.40	0.00	0.00	0.00	22.25	8.86	31.10	0.00	-0.19	-0.19
20-Sep-14	14.62	40.88	55.50	0.00	0.00	0.00	23.63	8.05	31.68	0.00	-0.27	-0.27
21-Sep-14	15.45	44.51	59.96	0.00	0.00	0.00	21.19	8.20	29.39	0.00	-1.42	-1.42
22-Sep-14	16.97	50.47	67.44	0.00	0.00	0.00	23.15	9.02	32.18	0.00	-0.18	-0.18
23-Sep-14	17.56	49.24	66.80	0.00	0.00	0.00	23.42	8.54	31.95	0.00	-0.21	-0.21
24-Sep-14	17.65	50.10	67.76	0.00	0.00	0.00	23.50	10.58	34.08	0.00	-0.06	-0.06
25-Sep-14	15.81	49.35	65.16	0.00	0.00	0.00	23.80	10.02	33.81	0.00	-0.02	-0.02
26-Sep-14	17.00	47.13	64.13	0.00	0.00	0.00	23.76	13.32	37.09	0.00	0.00	0.00
27-Sep-14	13.22	48.84	62.06	0.00	0.00	0.00	23.64	10.87	34.51	0.00	-0.02	-0.02
28-Sep-14	16.74	48.08	64.81	0.00	0.00	0.00	23.72	11.68	35.40	0.00	0.00	0.00
29-Sep-14	18.10	48.49	66.59	0.00	0.00	0.00	23.66	5.12	28.78	0.00	-0.39	-0.39
30-Sep-14	18.09	48.14	66.23	0.00	0.00	0.00	23.70	6.15	29.85	0.00	-0.28	-0.28
Total September'14	428.23	1344.73	1772.96	0.00	0.00	0.00	701.99	218.95	920.94	0.00	-28.88	-28.88

**13. भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय
INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

अप्रैल 2014 से सितम्बर 2014 April 2014 to September 2014

अंतरराष्ट्रीय विद्युत विनिमय [भारत से दूसरे देश को आयात (+) / निर्यात (-)]
Transnational Exchange (Import=(+ve) /Export =(-ve))

माह MONTH	भूटान BHUTAN	नेपाल NEPAL	बांग्लादेश BANGLADESH
	Energy Exchange (In MU)	Energy Exchange (In MU)	Energy Exchange (In MU)
अप्रैल 2014 APR'14	78.02	-79.85	-276.56
मई 2014 MAY'14	271.28	-76.50	-273.69
जून 2014 JUN'14	586.46	-65.04	-282.55
जुलाई 2014 JULY 14	988.60	-66.50	-290.60
अगस्त 2014 AUG 2014	1003.78	-65.26	-269.45
सितम्बर 2014 SEP 2014	979.83	-72.10	-272.36
कुल Total	3907.97	-425.25	-1665.20

14. एसटीओए (द्विपक्षीय एवं सामूहिक) एवं डी एस एम बिलिंग का ब्योरा – माह सितम्बर 2014
STOA (BILATERAL AND COLLECTIVE) & DSM BILLING DETAILS- September 2014

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

सितम्बर 2014	September 14	April'14- August'14		
क्षे.भा.प्रे.के. का नाम Name of RLDC	लेन - देनों की संख्या No. of Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Units Approved(MU)	लेन - देनों की संख्या No. of Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved (MU)
उ. क्षे. NR	585	2654	2667	12582
प.क्षे. WR	263	496	1204	3370
द.क्षे. SR	211	962	1203	6241
पू.क्षे. ER	137	789	962	5192
पूर्वोत्तर क्षे. NER	5	34	130	343
कुल TOTAL	1201	4934	5069	22159

एसटीओए SHORT TERM OPEN ACCESS

माह MONTH	सामूहिक एसटीओए Collective STOA		द्विपक्षीय एसटीओए Bilateral STOA	
	क्र्रेताओं / विक्रेताओं की सं. NO. of Buyers/Sellers	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)	क्र्रेताओं / विक्रेताओं की सं. NO. of Buyers/Sellers	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)
अप्रैल 2014 APR'14	2015	2143	783	3765
मई 2014 MAY'14	1962	2383	930	3872
जून 2014 JUN'14	2123	2643	1058	4719
जुलाई 2014 JUL 2014	2240	2351	1110	5556
अगस्त 2014 AUG 2014	2106	2522	1244	5589
सितम्बर 2014 Sep 2014	2550	2073	1201	4934
कुल TOTAL	12996	14115	6326	28435

मासिक डी एस एम बिलिंग का ब्योरा 2014-15
MONTHLY DSM BILLING DETAILS 2014-15

अनंतिम आकड़े
Provisional data subject to change
करोड़ रु. मे (RS. IN CRORES)

क्षेत्र REGION	उत्तरी क्षेत्र NORTH	पश्चिमी क्षेत्र WEST	दक्षिणी क्षेत्र SOUTH	पूर्वी क्षेत्र EAST	पूर्वोत्तर क्षेत्र NORTH EAST	अखिल भारतीय स्तर ALL INDIA
01/09/14 to 07/09/14	36.82	22.01	6.39	12.15	2.92	80.29
08/09/14 to 14/09/14	50.24	33.28	9.64	13.46	2.09	108.71
15/09/14 to 21/09/14	68.28	45.46	9.47	12.58	2.18	137.97
22/09/14 to 28/09/14	82.82	63.52	16.50	23.73	4.65	191.22

15. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एव पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनिमय - माह सितम्बर 2014

EXCHANGES THROUGH POWER EXCHANGES - SEPTEMBER 2014

क्र. स. S. No.	क्षेत्रीय ईकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु. मे) Through Power Exchange in MU	
			विक्रय Sale	क्रय Purchase
1	पंजाब Punjab	उत्तरी क्षेत्र NR	8.48	60.96
2	हरियाणा Haryana		107.81	49.64
3	राजस्थान Rajasthan		83.28	152.61
4	दिल्ली Delhi		85.45	87.78
5	उत्तर प्रदेश Uttar Pradesh		0.00	560.46
6	उत्तराखंड Uttarakhand		1.47	54.92
7	हिमाचल प्रदेश Himachal Pradesh		106.48	16.98
8	जम्मू और कश्मीर J & K		32.25	8.49
9	केंद्र शासित चंडीगढ़ UT Chandigarh		0.00	4.09
10	ए डी हाइड्रो AD Hydro		22.34	0.00
11	करचम वांगतू KW		110.63	0.00
12	श्री सीमेंट Shree Cement		27.07	0.00
13	नाथ्या झाकरी Nathpa Jhakri		18.24	0.00
14	बैरासूल Baira Siul HEP(BS0)		0.00	0.00
15	चमेरा -1 Chamera-I HEP(CM1)		0.00	0.00
16	चमेरा -2 Chamera-II HEP(CM2)		0.00	0.00
17	धौलीगंगा Dhauliganga HEP(DG0)		0.00	0.00
18	धौलीगंगा Dulahasti HEP(DU0)		0.00	0.00
19	सलाल Salal HEP(SL0)		0.00	0.00
20	सेवा -2 Sewa-II NHPC(SW2)		0.00	0.00
21	टनकपुर Tanakpur HEP(TP0)		0.00	0.00
22	उरी Uri HEP(UR0)		0.00	0.00
23	लांको बुधिल LANCO Budhil		13.63	0.00
24	चमेरा-3 chamera 3		0.00	0.00
25	अदानी एचवीडीसी ADANI HVDC(NORGU0)		0.00	0.00
26	मलाना MALANA	0.00	0.00	
27	उरी-II Uri-II HEP(UR2)	0.00	0.00	
28	मध्य प्रदेश MP	पश्चिमी क्षेत्र WR	126.44	20.41
29	महाराष्ट्र Maharashtra		74.67	326.12
30	गुजरात Gujarat		172.61	172.93
31	छत्तीसगढ़ Chattisgarh		81.34	0.09
32	गोवा Goa		0.00	0.00
33	दमन और दीव Daman and Diu		0.00	24.18
34	दादरा और नगर हवेली Dadra & Nagar Haveli		0.00	0.00
35	जिंदल JD		204.21	0.00
36	लांको अमरकंटक LANCO AMK		0.00	0.00
37	आर्यन कोल ACB India Limited		42.59	0.00
38	जिंदल स्टील एंड पावर Jindal Steel and Power Ltd		96.88	0.00
39	बालको -2 Balco-II		0.00	4.32
40	स्टरलाइट Sterlite(w3rse0)		166.70	0.00
41	एमको EMCO		52.40	0.00
42	वन्दना विद्युत VANDANA VIDYUT		12.56	0.00
43	एस्सार पावर ESSAR POWER		11.41	0.00
44	एस्सार स्टील ESSAR STEEL		0.00	155.59
45	के एस के महानदी KSK Mahanadi		37.38	0.00
46	जिंदल स्टेज -II Jindal Stg-II		76.98	0.00
47	कोरबा (प.) Korba(W) Comp. Ltd.		0.00	0.00
48	डी बी पावर D B Power		0.00	0.00
49	धारीवाल Dhariwal		71.51	0.00
50	जे पी निगी Jaypee Nigire		9.53	0.00

15. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एव पी.एक्स.आई.एल.)

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनिमय - माह सितम्बर 2014

EXCHANGES THROUGH POWER EXCHANGES - SEPTEMBER 2014

क्र. स. S. No.	क्षेत्रीय ईकाई Regional Entity	क्षेत्र Region	पावर एक्सचेंज के माध्यम से (मि.यु.मे) Through Power Exchange in MU	
			विक्रय Sale	क्रय Purchase
51	आंध्र प्रदेश Andhra Pradesh	दक्षिणी क्षेत्र SR	4.20	185.22
52	कर्नाटक Karnataka		49.40	55.03
53	केरल Kerala		2.43	116.02
54	तमिलनाडु Tamilnadu		0.00	46.61
55	पॉण्डिचेरी Pondicherry		0.00	0.00
56	गोवा Goa		0.00	0.00
57	लान्को कॉन्डपल्सी LANCO_KONDPLY		0.00	0.00
58	सिमापुरी SIMHAPURI		30.15	0.00
59	मीनाक्षी MINAXI		9.03	0.00
60	तेलंगाना TELANGANA		23.62	115.77
61	पश्चिम बंगाल West Bengal	पूर्वी क्षेत्र ER	49.23	155.06
62	उड़ीशा Odisha		114.05	0.00
63	बिहार Bihar		0.00	143.70
64	झारखंड Jharkhand		0.00	0.00
65	सिक्किम Sikkim		55.33	0.00
66	दामोदर घाटी परियोजना DVC		24.82	0.00
67	स्टरलाइट STERLITE		0.00	0.00
68	मैथन पावर लिमिटेड Maithon P. Ltd		36.46	0.00
69	आधुनिक पा. लिमिटेड Adhunik P.Ltd		5.81	0.00
70	चुजाचैन Chuzachen HEP		58.08	0.00
71	रंगित Rangit HEP		9.12	0.00
72	तीस्ता Teesta HEP		45.98	0.00
73	जीएमआर कमलंगा GMR Kamalanga		40.37	0.00
74	जिंदल आई पी टी एल JIPTL		0.00	0.00
75	अरुणाचल प्रदेश Arunachal Pradesh	पूर्वोत्तर क्षेत्र NER	4.62	1.45
76	असम Assam		34.26	20.51
77	मणिपुर Manipur		5.51	1.02
78	मेघालय Meghalaya		11.09	10.24
79	मिज़ोरम Mizoram		10.30	0.00
80	नागालैंड Nagaland		8.92	0.00
81	त्रिपुरा Tripura		42.59	0.08
82	अगरतला जीटीपीपी Agartala GTPP AG0		0.00	0.00
83	कोपिली KOPIII_KP1		0.00	0.00
84	असम जीबीपीपी Assam GBPP_KT0		0.00	0.00
85	लोकटक LOKTAK		7.54	0.00
86	रंगानदी Ranganadi		0.00	0.00
87	दोयांग Doyang		0.00	0.00
88	पलाताना Palatana		13.03	0.00
कुल Total			2550.27	2550.27

16. RENEWABLE ENERGY CERTIFICATE MECHANISM**MONTH:-SEPTEMBER 2014****RE Source & Unit wise break up (September 14)**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	2.86	3	18.9	1
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	5.15	7	2.5	2
5	Small Hydro	5	1	0	0
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	6	1	0	0
9	Bio-fuel cogeneration	41.58	6	0	0
	Total	60.59	18	21.4	5

RECs Issued (September 14)

Sr.No.	Non Solar	Solar	Total
1	798462	37007	798462

Redemption of REC (September 14)

Sr.No.	Non Solar	Solar	Total
1	24013	1363	24013

16. RENEWABLE ENERGY CERTIFICATE MECHANISM**MONTH:-SEPTEMBER 2014****RE Source & Unit wise break up (Apr,14-Aug,14)**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	116.86	11	116.46	18
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	84.31	51	148.3	70
5	Small Hydro	46.98	5	85.48	8
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	33.8	2	63.7	6
9	Bio-fuel cogeneration	70.56	10	6.98	1
	Total	352.51	79	420.92	103

RECs Issued (April14-August 14)

Sr.No.	Non Solar	Solar	Total
1	4610603	250779	4861382

Redemption of REC (April 14 - September 14)

Sr.No.	Non Solar	Solar	Total
1	353203	13922	367125

16. RENEWABLE ENERGY CERTIFICATE MECHANISM**MONTH:-SEPTEMBER 2014****RE Source & Unit wise break up Since Inception to September 14**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	2447.84	618	2290.64	584
2	Urban or Municipal Waste	8	1	0	0
3	Solar Thermal	3	1	0	0
4	Solar PV	537.33	253	517.18	234
5	Small Hydro	347.49	38	288.49	31
6	Others	1.67	1	1.67	1
7	Geothermal	0	0	0	0
8	Biomass	701.16	73	705.16	73
9	Bio-fuel cogeneration	812.98	92	745.05	82
	Total	4859.47	1077	4548.18	1005

RECs Issued since Inception to August 14

Sr.No.	Non Solar	Solar	Total
1	16399755	471810	16871565

Redemption of REC since Inception to August 14

Sr.No.	Non Solar	Solar	Total
1	6626716	94615	6721331

REC Closing balance as on 31.08.2014

Sr.No.	Non Solar	Solar	Total
1	9773039	377195	10150234

Major Grid Incidences of Northern Region during September 2014

A S.NO.	B Outage		C Region	D Name of Element	E Owner / Agency	F Event	G Generation/Load Loss	H Revival		I Category as per CEA Grid Standards
	Date	Time						Date	Time	
	1	01.09.2014						02:35hrs	NR		400kV Kashipur(PTCUL)-Rishikesh(PTCUL) 400kV Kashipur(PTCUL)-Moradabad(UP)	PTCUL/UP	Due to transient fault 400kV Kashipur(PTCUL)-Rishikesh(PTCUL) & 400kV Kashipur(PTCUL)-Moradabad(UP) tripped	Load Loss=250MW	01.09.2014	15:20hrs	GD-1
2	11.09.2014	08:45hrs	NR	220kV Dhauliganga(NHPC)-Pithoragarh(PG) 220kV Dauliganga(NHPC)-Bareilly(UP) Unit #1, #3 & #4	NHPC/PG/UP	Internal DC supply failure during charging of unit-3 of 220kV Dhauliganga station resulted in tripping of Multiple element	Gen Loss=140MW	11.09.2014	09:20hrs	GD-1
3	12.09.2014	11:53hrs	NR	400kV Agra(UP)-Agra(PG) D/C 400kV Agra(UP)-Unnao(UP) 400kV Agra(UP)-Muradnagar(UP) 400/220kV 315MVA ICT #1 & #3 400/220kV 500MVA ICT #2	UP/PG	At 400 KV S/S Agra, at 09:47 hrs., shutdown was taken of 400 KV Bus coupler (CB-95). While doing maintenance/work, 400 KV Bus-Bar Protection operated, which resulted in multiple element trippings.	Load Loss=469MW	12.09.2014	12:15hrs	GD-1
4	13.09.2014	03:57hrs	NR	400kV Agra(PG)-Agra(UP) D/C 400kV Agra(PG)-Bhiwadi(PG)-1 400kV Agra(PG)-Bassi(PG)	PG	Multiple element tripping at Agra(PG) due to over voltage	NIL	13.09.2014	04:55hrs	GI-2
5	14.09.2014	17:09hrs	NR	765kV Agra(PG)-Meerut(PG) 400kV Agra(PG)-Agra(UP) D/C 400kV Agra(PG)-Bhiwadi(PG) 400kV Agra(PG)-Bassi(PG)	PG/UP	Multiple element tripping at Agra(PG) due to over voltage	NIL	14.09.2014	17:20hrs	GI-2
6	14.09.2014	17:50hrs	NR	400kV Dadri-Harsh Vihar D/C		400kV Dadri-Harsh Vihar D/C tripped due to delayed clearance of R-phase to earth fault.	NIL	14.09.2014	20:19hrs	GI-2
7	15.09.2014	11:26hrs	NR	400/220kV 240MVA ICT #1 & #2 at Paricha TPS(UP) Unit #5 & #6 at Paricha TPS(UP)	UP	Y-pole of Circuit Breaker of 240MVA ICT-2 burst resulted in tripping of Multiple elements at 400kV Paricha TPS(UP)	Gen Loss=485MW	15.09.2014	13:20hrs	GD-1
8	16.09.2014	05:03hrs	NR	400kV Unnao(UP)-Panki(UP) 400kV Unnao(UP)-Agra(UP) 1000MVA,765/400kV ICT #1 & #2 at Unnao(UP)	UP	R-phase to earth fault in 400kV 400kV Unnao-Panki, line auto recloed early from Unnao end resulting in multiple element tripping at 765kV Unnao(UP)	NIL	16.09.2014	06:13hrs	GI-2
9	18.09.2014	17:56hrs	NR	400/220 KV, 500 MVA, ICT at Agra(UP) 400/220 KV, 315 MVA, ICT #2 & #3 at Agra(UP) 220 KV Agra- Sikandra-I line 220 KV Agra-Sikandra-II line 220 KV Agra-Shamsabad line	UP	Line fault took place on 220 KV Agra-Shamsabad (radial) line. At Agra S/S, circuit breaker did not trip. The fault was isolated by tripping of other elements.	Load Loss=1136MW	18.09.2014	18:55hrs	GD-1
10	19.09.2014	12:29hrs	NR	400kV Daultabad(HVPNL)-Jhajjar(APCPL)-1 400kV Daultabad(HVPNL)-Dhanonda(HVPNL) D/C 400kV Daultabad(HVPNL)-Gurgaon(PG)-2	Haryana/APCPL/P G	R-ph to earth fault in 400kV Daultabad(HVPNL)-Jhajjar(APCPL)-1 the ckt tripped. At the same time, 400kV Daultabad(HVPNL)-Dhanonda D/C & 400kV Daultabad(HVPNL)-Gurgaon(PG)-2 tripped	Load Loss=400MW	19.09.2014	13:10hrs	GD-1
11	20.09.2014	14:15hrs	NR	400kV Nathpa Jhakri(SJVNL)-Rampur(SJVNL) Unit #2, #4 & #5 of Rampur HEP(SJVNL)	SJVNL	Due to R-phase to earth fault 400kV Nathpa Jhakri-Rampur ckt tripped along with Unit #2, #4 & #5 of Rampur HEP.	Gen Loss=220MW	20.09.2014	15:14hrs	GD-1
12	21.09.2014	15:47hrs	NR	220kV Jassore(HP)-Bairasiul(NHPC) 220kV Jassore(HP)-Pong(BBMB)	HP/NHPC/BBMB	As reported CT blast at Jassore end of 220kV Jassore-B'suil line resulted in tripping of 220kV Jassore(HP)-Bairasiul(NHPC) & 220kV Jassore(HP)-Pong(BBMB)	NIL	21.09.2014	16:33hrs	GI-1
13	23.09.2014	08:46 hrs	NR	400kV Dadri-Mandola-2 Runnig GT (155MW) Runnig ST (130MW)	NTPC/PG	400kV Dadri-Mandola tripped along with Runnig GT & ST at Dadri GPS.	Gen loss = 165MW	23.09.2014	09:50hrs	GD-1

14	24.09.2014	12:50 hrs	NR	1) 50 MW Generating Unit # 1 & #2 at Obra 2) 200 MW Generating Unit #12 & #13 at Obra 3) 220 KV Obra-Sahupuri D/C 4) 220 KV Obra- Rewa Road T/C 5) 400/220 KV, 240 MVA, ICT #1 & #2 at Obra 6) 220/132 KV, 100 MVA-Obra (H)-I 8) 220/132 KV, 100 MVA-Obra (H)-II	UP	line fault took place on 220 KV Obra-Rewa Road-1. At Obra TPS, delayed tripping of CB resulted in tripping of all the 220 KV elements. Tripping of STs at Obra TPS, resulted in tripping of running generating units nos. 12 & 13 which were on 400 KV Bus	Gen Loss=285MW	24.09.2014	13:44hrs	GD-I
15	24.09.2014	20:26 hrs	NR	1) 220 kV Nunamajra-Bahadurgarh-D/C 2) 220 kV Nunamajra-Daulatabad-D/C 3)220 kV Nunamajra-Rohtak D/C	PG/HVPNL	Due to Bus fault at 220 kV Nunamajra(HVPNL) multiple elements tripped.	Load Loss=150MW	24.09.2014	23:00hrs	GD-I
16	24.09.2014	20:41 hrs	NR	All three running units (100MW each)	NHPC	Due to butterfly valve supply failure all running units of Chamera-II HEP tripped	Gen loss = 280MW	25.09.2014	02:19hs	GD-I
17	25.09.2014	11:28 hrs	NR	1) 220 kV Salal-Kishenpur-III &IV 2) 220 kV Salal-Jammu-II 3) Unit #1 & #2 at Salal	PG/NHPC	During S/D of unit-2 of Salal HEP LBB protection operated & it resulted into tripping of all the elements connected to Bus-1	Gen Loss=100 MW	25.09.2014	12:24hrs	GD-I
18	28.09.2014	00:18 hrs	NR	1) 400/220kV, 315MVA, ICT #1 & #3	UP	Due to overloading both ICTs at Sarnath tripped	Load Loss=371MW	28.09.2014	00:47hrs	GD-I
19	30.09.2014	10:15hrs	NR	50 MW Unit #1 & #2 33 MW Unit # 2 at Obra (H) 220 kV Obra- Rewa Road #1 & #3 400/220 KV, 240 MVA, ICT #1 & #2 at Obra 220/132 KV, 100 MVA ICT #1 & #2 at Obra(H)	UP	Multiple element tripping at 400kV Obra(UP) TPS	Gen Loss=82MW	30.09.2014	10:25hrs	GD-1

List of Grid Disturbances and Grid incidents (GD/GI) in Sep-2014 : Western Region

Sr. No.	Details of incident (Elements / Generation Tripped)	Owner Utility	Date	Time	Effect (Loss of generation/ Load), if any	Category as per Standards	DR/EL Receipt Status
1	400 kV Jetpur Bus 1 tripped on bus bar protection operation due to Bus fault	GETCO	01-Sep-14	13:24	NIL	GI-2	Yes
2	Toatl loss of supply to DD due to tripping of Vapi-Magarwada lines	DD/WRTS-2	04-Sep-14	12:44	Load Loss: 180 MW	GD-1	No
3	220 kV Bus 1 tripping at 220 kV Paras S/s	MSETCL	04-Sep-14	18:52	Gen Loss : 167 MW	GI-1	No
4	400 and 220 kV Bus 1 tripping at SSP due to LBB operation	SSP/WRTS-2/GETCO	09-Sep-14	14:25	Gen Loss : 590 MW	GI-2	No
5	Multiple tripping at Indore(MP) due to Line fault and LBB operation	MPPTCL	10-Sep-14	00:20	Load loss: 187 MW	GD-1	Yes
6	220 kV Bus 1 tripping at 220/66/11 kV Vapi(GETCO) S/s due to fault on 11 kV side	GETCO/NPCIL	15-Sep-14	13:05	NIL	GI-1	No
7	Tripping of JP Nigrie unit-1 due to loss of JP Nigre-Satna-II	MPPTCL / WRTS-2	17-Sep-14	19:45	Gen Loss: 340 MW	GD-1	No
8	Bus fault at Korba 400 kV (West)	CSPGCL/CSPTCL	19-Sep-14	12:55	Gen loss: 749 MW	GD-1	Yes
9	Bus Fault on 220/100 kV Boriwali	MSETCL	21-Sep-14	09:16	Not Known	GI-1	No
10	Bus fault on 220 kV Bus 1 at 220 kV Vani S/S	MSETCL	21-Sep-14	10:12	Load Loss : 9.3 MW	GI-1	No
11	Bus fault at 220 kV Chindwara(MP) due to PT burst	MPPTCL /WRTS-1	23-Sep-14	13:55	NIL	GI-1	No
12	Multiple tripping at Bableswar on backup protection due to 220 kV CT burst of 220 kV Waluj-Benda Waluj(Aurangabad MSETCL) S/s	MSETCL	26-Sep-14	07:13	Load Loss :742 MW	GD-1	No
13	Tripping at 220 kV Pithampur S/s	MPPTCL/WRTS-2	30-Sep-14	17:55	Load loss: 105 MW	GI-1	No

Major Grid Incidences of Sothern Region for September 2014

A	B		C	D	E	F	G	H		I
S.NO.	Outage		Region	Name of Element	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
	Date	Time						Date	Time	
1	08.09.14	2240 hrs	SR	1) Srisailem RB Unit-I-VII(110 MW each)	AP	All 7 units of 110 MW capacity were in operation at the time of incident. . The reason reported for the tripping is Transformer differential Protection.	Gen. Loss= 700 MW	08.09.14		GD-I
2	19.09.14	1028 hrs	SR	400kV Gajwal-Sankarpally I &II	APTRANSCO	Due to D/T received at sankarpally while testing of Relay by TG.	Load Loss=Nil	19.09.14	1054 hrs	GI-II
3	19.09.14	1244 hrs	SR	400kV Ramgundam-Talapally-I	APTRANSCO	Due to the LBB operation of 400kV Ramagundam-Talapally - I, Bus-I become dead.	Load Loss=Nil	19.09.14	1430 hrs	GI-II
4	23.09.14	0114 hrs	SR	1) Srisailem RB Unit-I toVII (110 MW each) 2)220 kV Srisailem RB-Dindi-D/C 3)220 kV Srisailem RB-Somayajulapally 4) 220 kV Srisailem RB-Gudur 5) 220 kV Srisailem RB-Markapuram 6)220 kV Srisailem RB-Podili 7) 220 kV Srisailem RB-Talapally 8)220 kV Srisailem RB-Nagarjunasagar	APSEB	Due to R-phase CT Blast of Srisailem RB Unit-IV, whole s/s became dead.	Gen Loss=630 MW	23.09.14	0214 hrs	GD-I

Major Grid Incidences of Eastern Region for September 2014

A	B		C	D	E	F	G	H		I
S.NO.	Outage		Region	Name of Element	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
	Date	Time						Date	Time	
1	07.09.2014	1414 hrs	ER	1). 400kV Jeypore-Gazuwaka D/C 2). 400kV Jeypore-Bolangir line 3).Gazuwaka pole-I and II	PG	Due ot Thyristor related problem Gazuwaka pole-I tripped at 1411hrs, at1414 hrs pole-II blocked and all lines given in column D tripped on Overvoltage.	Load Loss=Nil	07.09.2014	1632 hrs	GI-II
2	08.09.14	1130 hrs	ER	1)220 kV Meramandali- Old Duburi-I. 2)132 KV Talcher- Old Duburi D/C	GRIDCO	220 kV Meramandali- Old Duburi-II under emergency S/D and lines given in column E tripped due to overload and Entire Duburi complex including old & new Duburi S.S , Visa, Rohit , JSL and Paradeep load was affected.	Load Loss=250 MW	08.09.14	1211 hrs	GD-I
3	10.09.14	1330 hrs	ER	1)400 KV Meramundali-Mendhasal 2)400 KV Meramundali-Baripada 3)220 KV Mendhasal-Bhanjnar 4)220 KV Mendhasal-Nayagarh-Bhanjnar 5)220 KV Mendhasal-Chandaka-I &II	OPTCL	All 400 KV and 220 KV lines emanating from Mendhasal tripped.	Load Loss=250 MW	10.09.14	1358 hrs	GD-I
4	12.09.14	1939 hrs	ER	1)400 KV Gaya-Koderma 2)400 KV Gaya-Maithon 3)765 KV Gaya-Fatehpur	PG	Due to lightning at Gaya, elements given in column E tripped.It was reported that a fault occurred due to Lightning at Gaya S/s. Blast of LA on B-ph of 400 kV Gaya- Biharshariff line at Gaya end was also reported.	Load Loss=Nil	12.09.14	1939 hrs	GD-I
5	13.09.14	1922 hrs	ER	1)400 KV Meramundali-Mendhasal 2)400 KV Meramundali-GMR	OPTCL	Due to transient fault in 400 KV Meramundali-Dubri, elements given in column D tripped.	Load Loss=Nil	13.09.14	2013 hrs	GD-I
6	14.09.14	1842 hrs	ER	1) 400 kV Angul-Meramundali-I & II 2)400 kV Angul-Bolangir 3) 400 kV Angul-Talcher 4) 400 kV Angul-JITPL-I & II 5)400 KV Meramundali-Mendhasal 6)400 KV Meramundali-GMR	PG/OPTCL	Due to fault caused by heavy rains and lightning, elements given in column D tripped.	Load Loss=Nil	14.09.14	2025 hrs	GD-I
7	19.09.14	1140 hrs	ER	400kV Barh-Kahalgaoon-I and II	PG	Due to Bus bar protection operation at Barh S/S given elements tripped.	Load Loss=Nil	19.09.14	1231 hrs	GI-II

8	21.09.14	0632hrs	ER	1). 220kV Chandil-Ranchi line 2). 220kV Chandil-Santaldih 3). 220kV Chandil-Ramchandrapur 4). 132 kv Chandil-Hatia 5) 132 kv Chandil-Rajk'swan 6). 132 kv Chandil- Adityapur 7). 132 kv Chandil- Golmuri 8). 132 kv Chandil- Manique 9). 132 kv Ramchandrapur-Adiyapur D/C	WBSETCL/J SEB	Due to R-B Phase fault in 220kV Chandil-Ranchi line all the elements tripped at 220kV Chandil S/S	Load loss=180MW	21.09.14	0730hrs	GD-I
9	23.09.14	1105 hrs	ER	1) 220 kV Bokaro-Jamshedpur-I & II 2) 220 kV and 132 kV Bus at Bokaro 3) 220 kV Bokaro-Chandrapura-I & II 4). 220 kV Bokaro-Ramgarh-I & II 5) BTPS U#3	DVC	Due to tripping of 220 kV Bokaro-Jamshedpur-I and non opening of Ckt Breaker caused bus fault at Bokaro-B	Gen Loss=200 MW	23.09.14	1150 hrs	GD-I
10	24.09.14	1415 hrs	ER	1) 400 kV Barh-Kahalgaon-D/C 2) 400 kV Barh-Patna-D/C	PG	Due to Mal operation of Bus Sectionalizer Relay of Bus Bar 3 & 4 at Barh,elements given in column E tripped.	Load Loss=Nil	24.09.14	1444 hrs	GE

Major Grid Incidences of North Eastern Region for September,2014

A	B		C	D	E	F	G	H		I
S.NO.	Outage		Region	Name of Element	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
	Date	Time						Date	Time	
1	06.09.14	1335 hrs	NER	1). 400kV Silchar-Byrnihat line 2). GTG and STG at Palatana	OTPC	Due to Generator protection operation,units of palatana tripped.	Gen Loss=335MW	06.09.2014	1609 hrs	GD-III
2	11.09.14	0420 hrs	NER	1)220kV AGBPP-N.Maraini 2)220kV AGBPP - Mariani 3)220kV AGBPP - Tinsukia D/C 4) AGBPP Generation(I-VIII except Unit-6)	NEEPCO	Due to tripping of 220kV AGBPP-N.Maraini & 220kV AGBPP - Mariani and 220kV AGBPP - Tinsukia D/C, the generation loss took place in AGPP.	Gen Loss=195MW	11.09.14	0655 hrs	GD-I
3	22.09.14	1751 hrs	NER	1) Palatana GTG-I 2)Palatana STG-I 3)132 kV Badarpur-Panchgram 4) 132 kV Silchar-Srikona-I & II 5)132 kV Silchar-Panchgram	OTPC/ASEB	Units tripped due to undervoltage protection operation and post tripping of units,lines tripped on SPS Operation.	Gen Loss=363.3MW	22.09.14	1917 hrs	GD-I

18. NEW ELEMENTS COMMISSIONED in SEPTEMBER-2014

COMMISSIONING OF NEW GENERATING UNITS

REGION	SL. NO.	CONSTITUENT	UNIT NAME	UNIT NO	CAPACITY (MW)	DATE	TIME
			NIL				

COMMISSIONING OF NEW TRANSMISSION LINES

REGION	SL. NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE	TIME
ER	1	POWERGRID	Koderma-Gaya S/C	I	400	06-09-2014	21:40
	1	POWERGRID	Maithon-Gaya S/C	I	400	07-09-2014	18:11
WR	1	LANCO	LANCO-Bilaspur	I	400	06-09-2014	10:16
	2	LANCO	LANCO-Bilaspur	II	400	09-09-2014	11:49

COMMISSIONING OF NEW ICTS

REGION	SL. NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE	TIME
WR	1	STERLITE	BDTCL-II	765/400	1500	29/09/14	18:13

COMMISSIONING OF BUS REACTORS

REGION	SL.NO.	CONSTITUENT	STATION NAME	KV	CAPACITY (MVAR)	DATE	TIME
WR	1	POWERGRID	GWALIOR	765	3x80	28.09.2014	01:30

COMMISSIONING OF LINE REACTORS

REGION	SL. NO.	CONSTITUENT	STATION NAME	LINE NAME	KV	CAPACITY (MVAR)	DATE	TIME
WR	1	POWERGRID	Aurangabad	Boisar- Aurangabad-I	400	125	30/9/14	17:18

19.विद्युत विभव रूपरेखा माह - सितम्बर 2014			VOLTAGE PROFILE - September 2014					
क्र.स. Sl. No.	क्षेत्र REGION	उपकेंद्र SUBSTATION	VOLTAGE < V(lower)* (V=122,380,728 kV)	V(lower) < VOLTAGE < V(upper)*	VOLTAGE > V(upper)* (V=145, 420, 800 kV)	उच्चतम (कि.वो.) Maximum (kV)	निम्नतम (कि.वो.) Minimum (kV)	औसत (कि.वो.) Average (kV)
1	पूर्वी क्षेत्र ER	फरक्का FARAKKA	0.4%	93.4%	6.2%	424.0	375.6	414.5
2		कहलगाँव KAHALGAON	0.0%	100.0%	0.0%	418.0	392.6	404.8
3		तालचर TALCHER	0.0%	100.0%	0.0%	416.9	399.8	405.8
4		पूणिया PURNEA	0.1%	99.7%	0.2%	423.4	6.6	409.4
5		मुजफ्फरपुर MUZAFFARPUR	0.0%	100.0%	0.0%	417.7	390.4	404.0
6		जमशेदपुर JAMSHEDPUR	0.0%	30.7%	69.3%	429.8	412.0	421.0
7		रंगाली RENGALI	0.0%	100.0%	0.0%	412.6	395.1	401.6
8		जेयपुर JEYPORE	0.0%	92.1%	7.8%	426.8	293.6	411.0
1	उत्तरी क्षेत्र NR	नल्लागढ़ NALLAGARH	0.0%	99.6%	0.4%	426.3	319.4	408.3
2		भिवाड़ी BHIWADI	0.0%	92.2%	7.8%	428.4	392.0	412.6
3		बल्लभगढ़ BALLABGARH	0.0%	96.0%	4.0%	426.3	395.1	410.4
4		इलाहाबाद ALLAHABAD	0.0%	83.6%	16.4%	428.4	400.5	415.2
5		हिसार HISSAR	0.0%	100.0%	0.0%	413.9	386.9	400.7
6		बवाना BAWANA	0.0%	99.9%	0.1%	421.4	394.9	407.8
7		कानपुर KANPUR	0.0%	99.1%	0.9%	423.3	395.6	409.3
8		बस्सी BASSI	0.0%	60.4%	39.6%	435.0	388.5	417.2
9		लखनऊ LUCKNOW 765 kV	0.1%	99.9%	0.0%	789.4	721.6	757.4
10		मोगा MOGA	0.0%	100.0%	0.0%	415.7	393.9	406.3
11		रतनगढ़ RATANGARH	0.0%	100.0%	0.0%	421.4	385.7	407.6
1	पश्चिमी क्षेत्र WR	आसोज ASOJ	0.0%	96.2%	3.9%	423.8	401.5	412.7
2		इटारसी ITARSI	0.0%	99.1%	0.9%	422.6	398.6	412.3
3		जैतपुर JETPUR	0.0%	99.2%	0.8%	431.4	398.1	408.5
4		कासोर KASOR	0.0%	97.4%	2.6%	422.8	403.8	413.6
5		कोल्हापुर KOLHAPUR	0.0%	82.9%	17.1%	437.5	406.1	419.2
6		बीना BINA	0.0%	99.5%	0.5%	422.6	397.4	410.4
7		ग्वालियर GWALIOR	0.0%	100.0%	0.0%	407.6	396.6	405.5
8		रायपुर RAIPUR	0.0%	39.8%	60.2%	429.7	414.1	421.8
9		जबलपुर JABALPUR	0.0%	98.3%	1.7%	424.4	398.0	412.1
10		धुले DHULE	0.0%	48.5%	51.5%	437.1	395.7	419.3
1	दक्षिणी क्षेत्र SR	श्रीपेरुपुडुर SRIPERUMPUDUR	0.0%	99.9%	0.1%	420.5	397.1	409.1
2		नेवेली NEVELI	0.0%	69.6%	30.4%	427.0	401.0	417.1
3		सेलम SALEM	0.0%	100.0%	0.0%	415.3	386.0	402.5
4		बंगलूरु BANGALORE	0.3%	99.7%	0.0%	419.1	373.4	399.9
5		होसुर HOSUR	0.0%	100.0%	0.0%	415.0	384.5	399.7
6		रामागुंडम RAMAGUNDAM	0.0%	100.0%	0.0%	420.3	398.7	412.2
7		विजयवाड़ा VIJAYAWADA	0.0%	24.6%	75.4%	432.6	412.0	422.6
8		तिरुवनंतपुरम TIRIVANDRUM	0.1%	99.2%	0.7%	420.5	373.1	404.4
9		हैदराबाद HYDERABAD	0.0%	88.5%	11.5%	427.4	399.8	413.8
1	पूर्वोत्तर क्षेत्र NER	मिसा MISA	0.0%	100.0%	0.0%	417.0	395.0	406.6
2		बलिपारा BALIPARA	0.0%	98.7%	1.3%	424.0	380.0	407.5
3		बोंगईगाँव BONGAIGAON	0.5%	99.5%	0.0%	406.0	373.7	394.4
4		हाफ्लोंग HAFLONG 132 kV	0.0%	100.0%	0.0%	136.0	127.0	132.4
5		आइज़ोल AIZWAL 132 kV	0.5%	98.9%	0.0%	136.0	119.3	129.1
6		कुमारघाट KUMARGHAT 132 kV	0.0%	100.0%	0.0%	134.0	125.0	130.3
7		इम्फाल IMPHAL 132 kV	71.3%	26.2%	0.0%	130.0	116.1	118.2
8		ख्लेरियट Khlieriat_PG 132 kV	0.3%	99.7%	0.0%	136.0	118.7	132.5

*Percentage is calculated w.r.t. Time of one month.



POWER SYSTEM OPERATION CORPORATION LIMITED

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

NATIONAL LOAD DESPATCH CENTRE - राष्ट्रीय भार प्रेषण केन्द्र

POWERGRID, B-9, Qutab Institutional Area,
Katwaria Sarai, New Delhi-110016.