

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: 23.11.2014

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट - नवम्बर 2014

महोदय,

आई०ई०जी०सी०-2010 के प्रावधान के अनुसार, - नवम्बर 2014 माह की अखिल भारतीय प्रणाली की निष्पादन रिपोर्ट संलग्न है।

धन्यवाद

भवदीय

प्रो० नललारसन
23/11/14

(एन नललारसन)

उप 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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Chief Engineer (GM), CEA, Sewa Bhavan, R.K. Puram, New Delhi-110066
3. सदस्य सचिव, ऊ. क्षे. वि. स., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Member Secretary, NRPC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
4. सदस्य सचिव, प. क्षे. वि. स., एफ-3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई - 400093
Member Secretary, WRPC, F-3, MIDC Area, Andheri (East), Mumbai-400093
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Member Secretary, SRPC, 29, Race Course Cross Road, Bangalore-560009
6. सदस्य सचिव, पू. क्षे. वि. स., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Member Secretary, ERPC, 14, Golf Club Road, Kolkata-700033
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Member Secretary, NERPC, Meghalaya State Housing Finance Cooperative Society Ltd. Building, Nongrim Hills, Shillong -793003
8. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
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



POWER SYSTEM OPERATION CORPORATION LIMITED

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पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

NATIONAL LOAD DESPATCH CENTRE –राष्ट्रीय भार प्रेषण केन्द्र

मासिक ऑपरेशन रिपोर्ट

Monthly
Operation Report



नवम्बर 2014

पावर सिस्टम ऑपरेशन कॉर्पोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

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



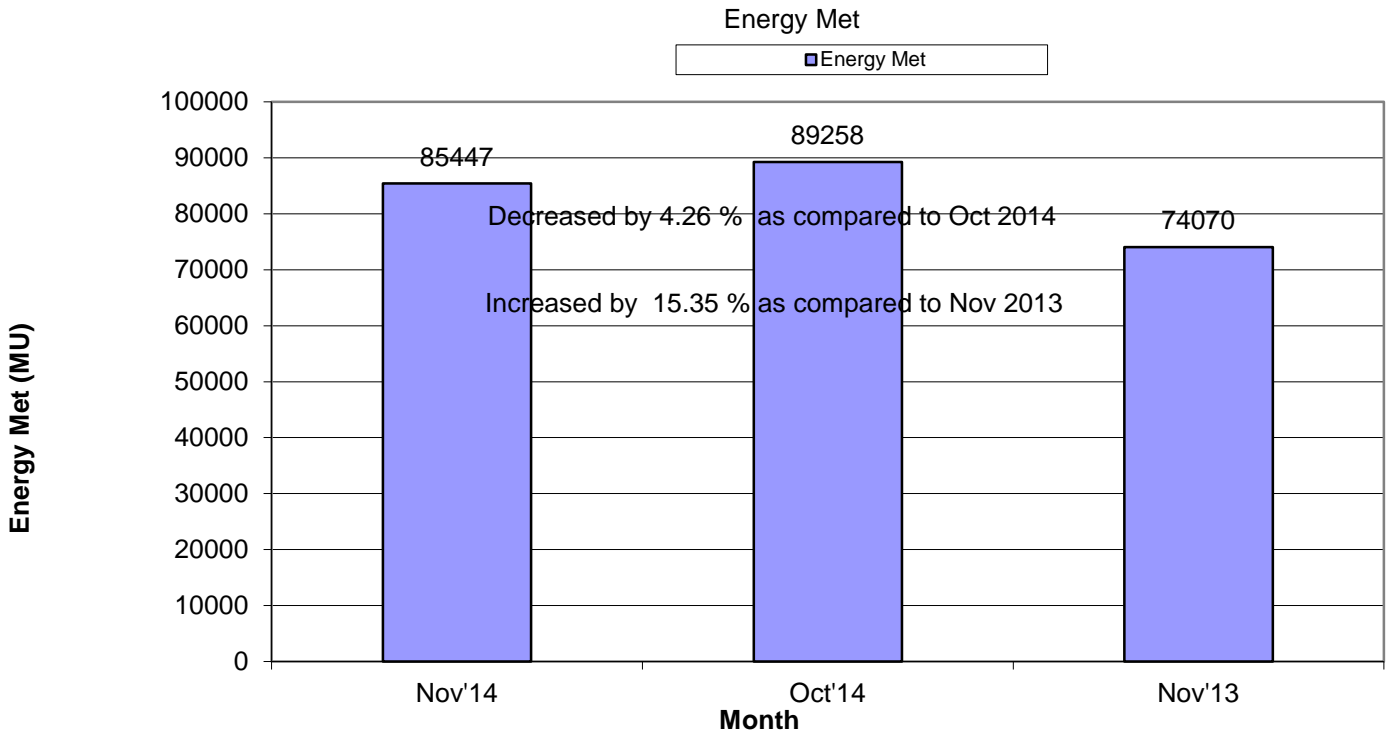
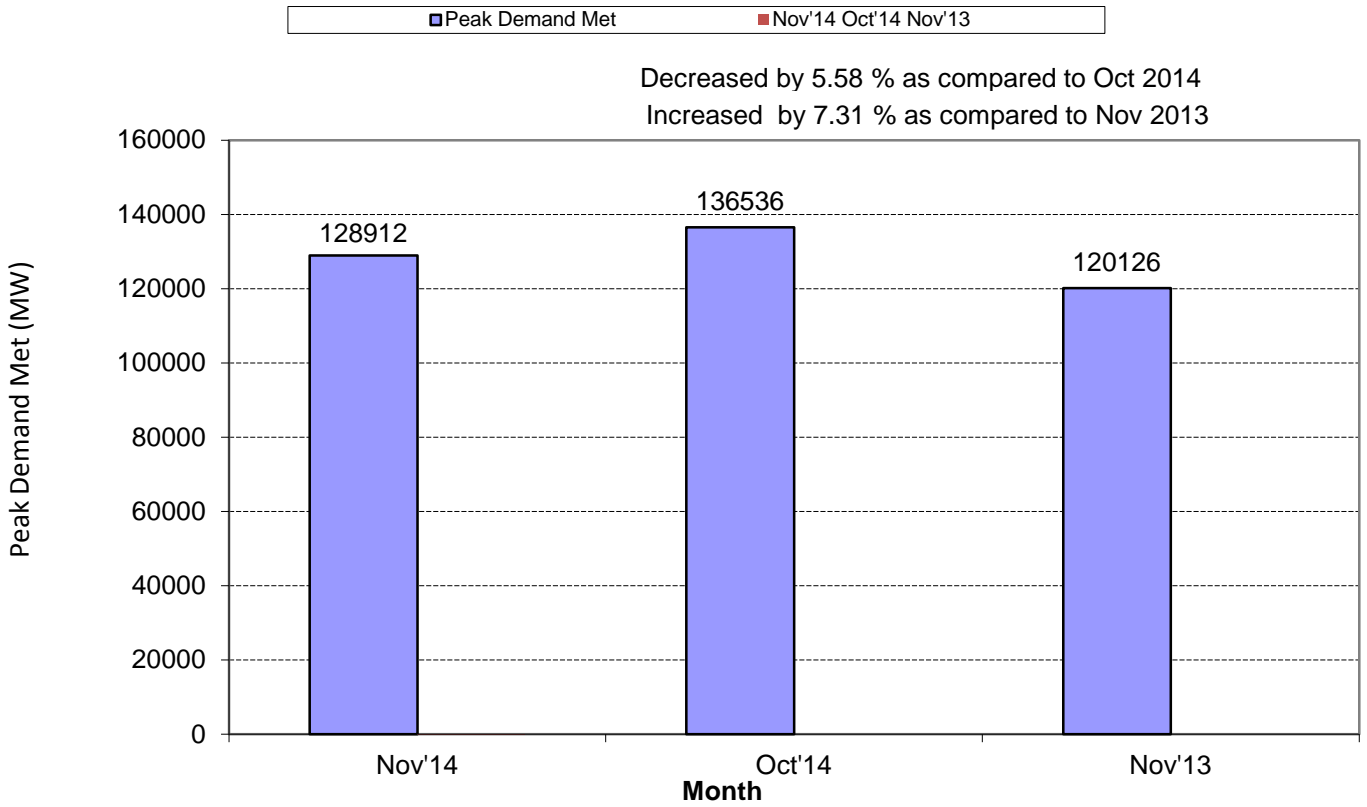
माह नवम्बर 2014 के लिए प्रचालन निष्पादन रिपोटर
OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF NOVEMBER 2014

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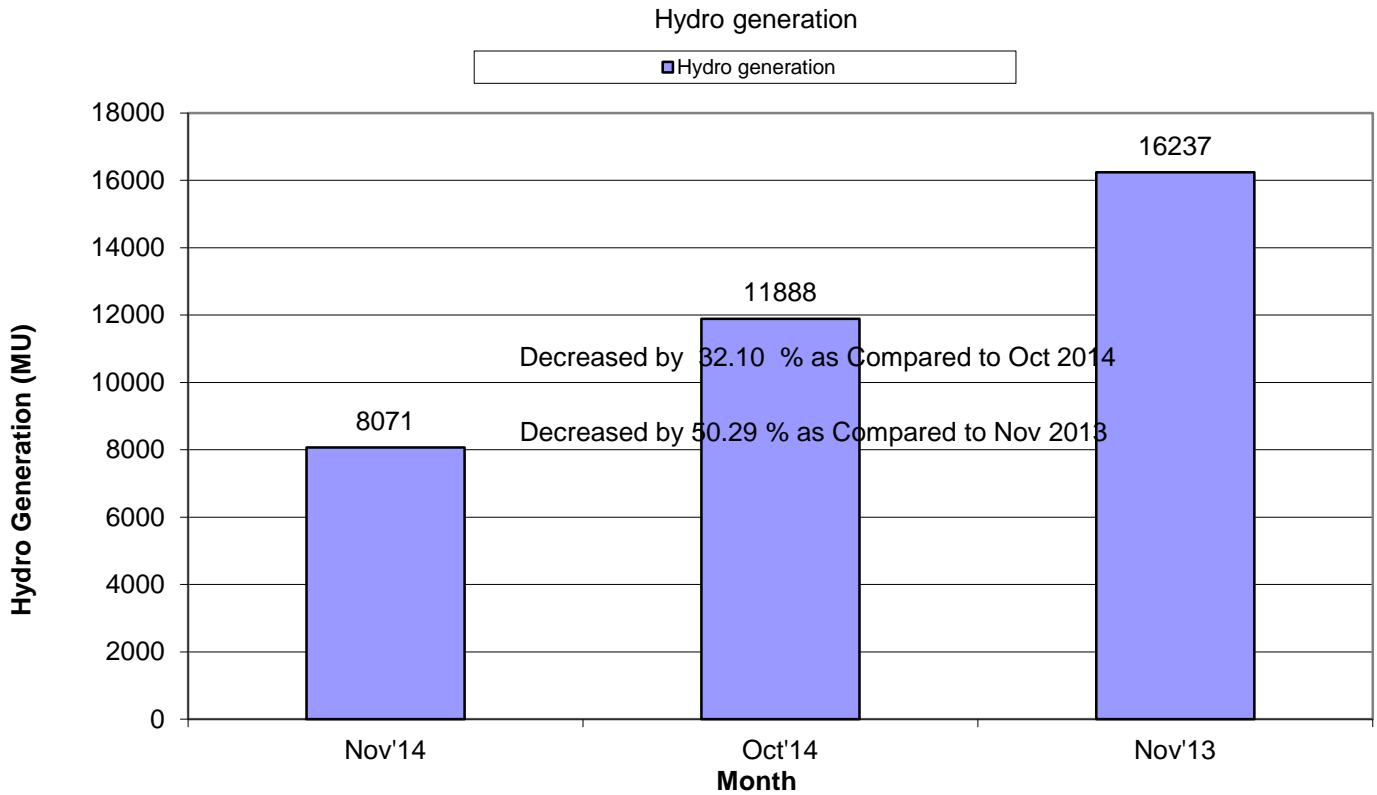
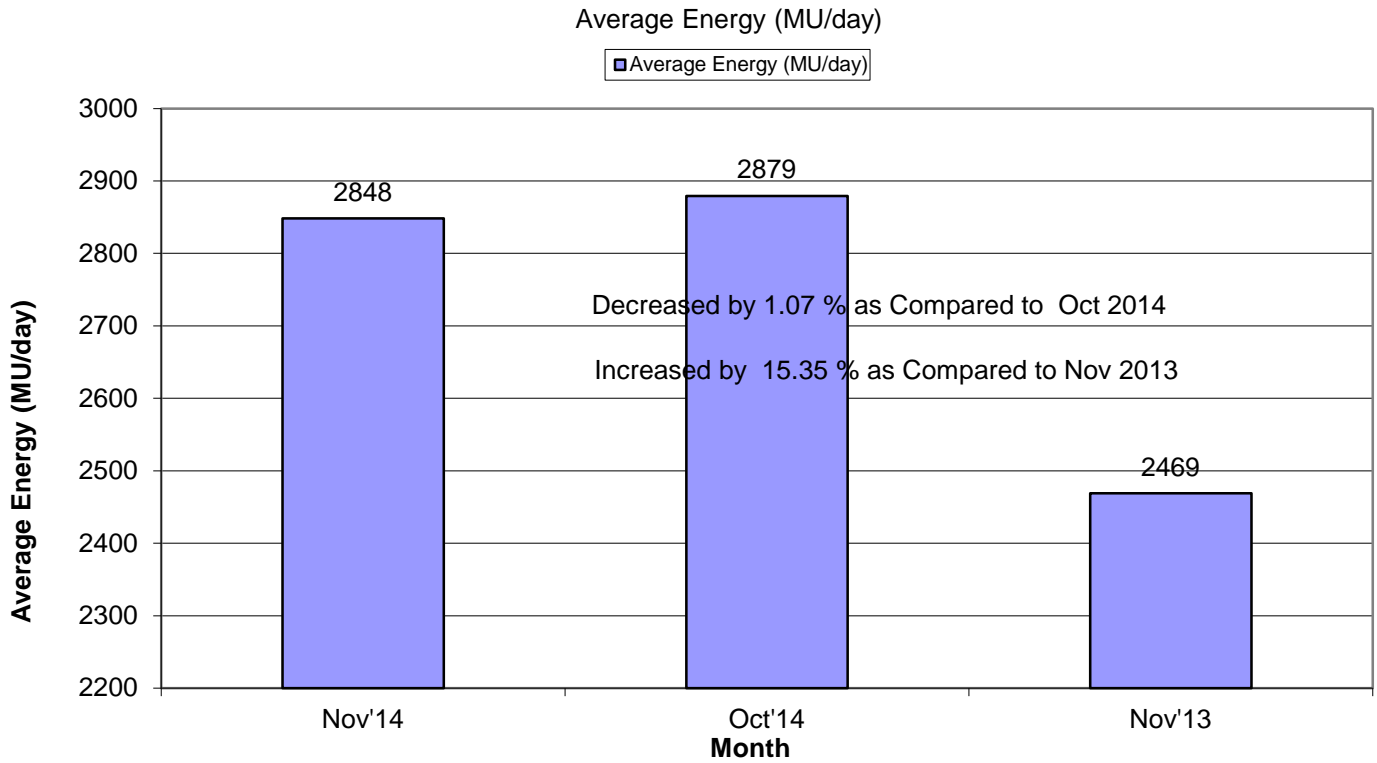
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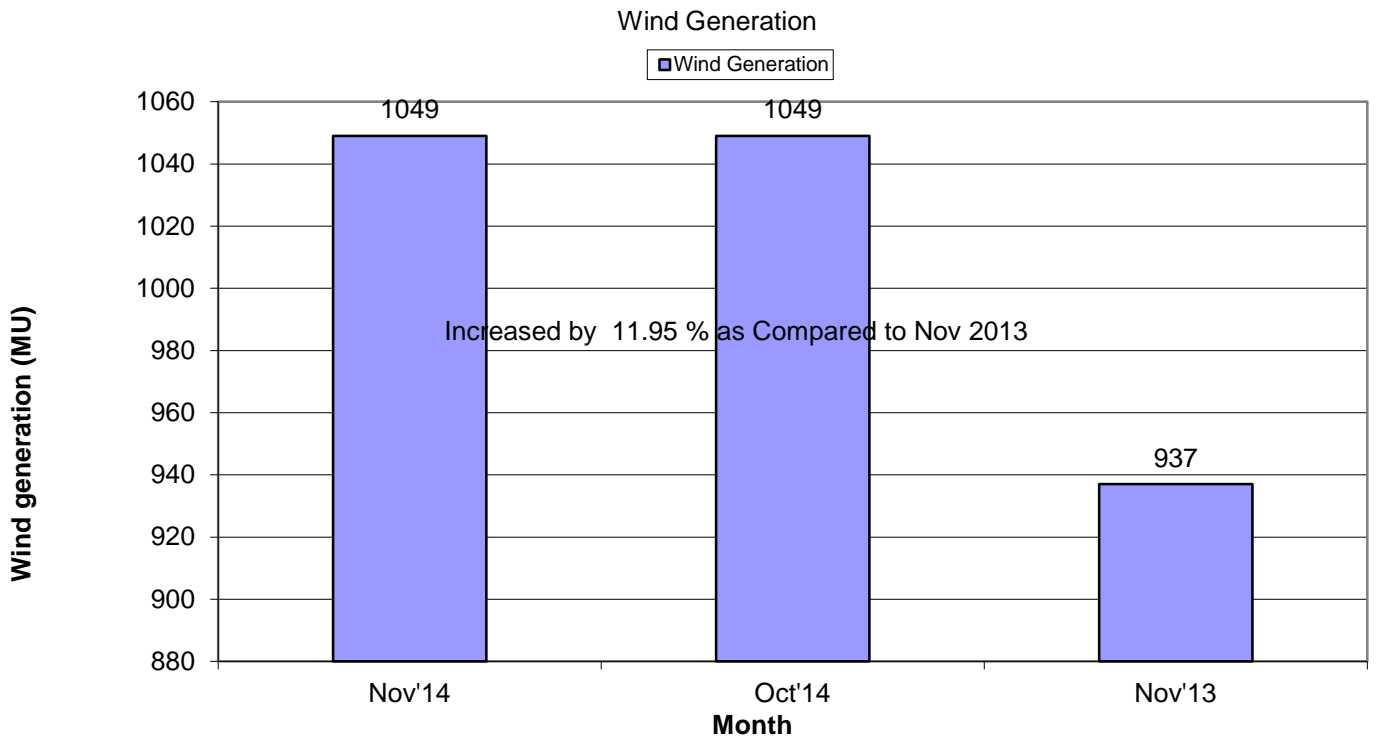
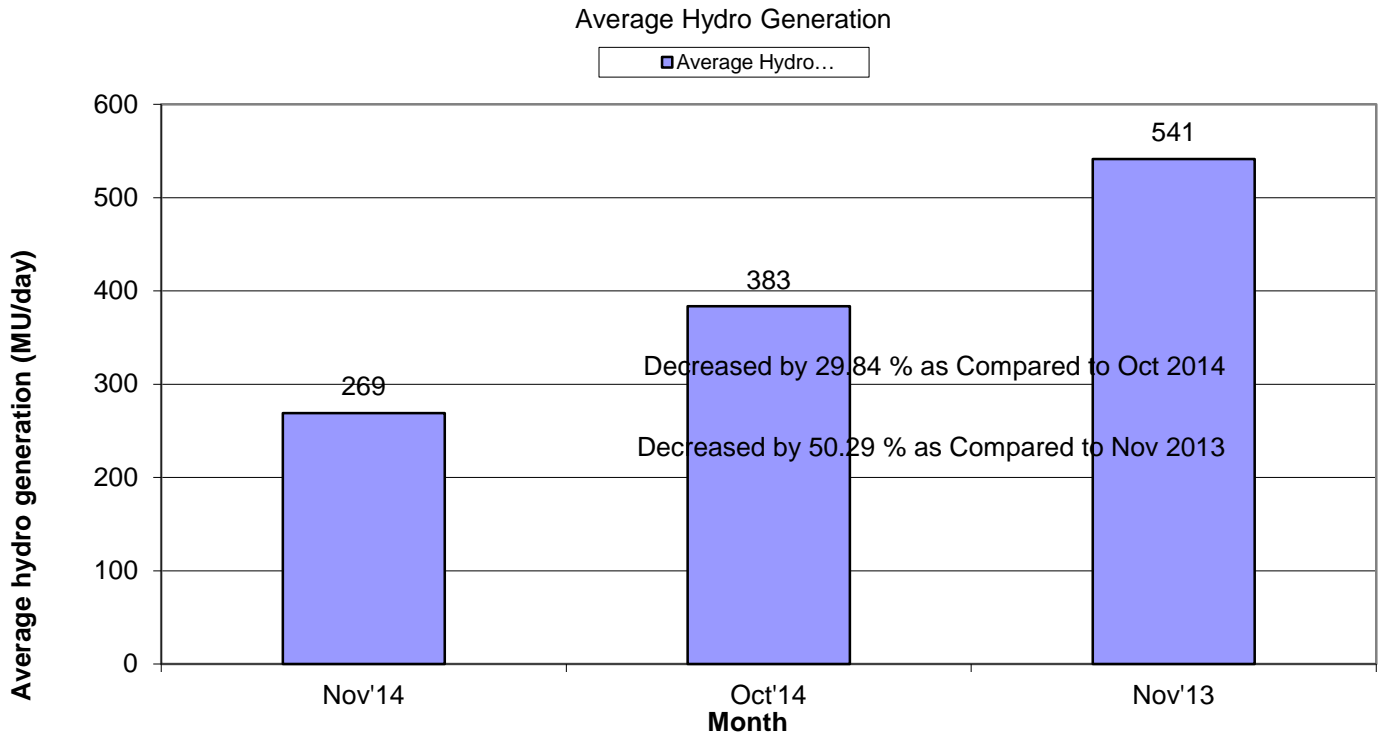
1. SUMMARY OF REPORT FOR THE MONTH OF NOVEMBER 2014



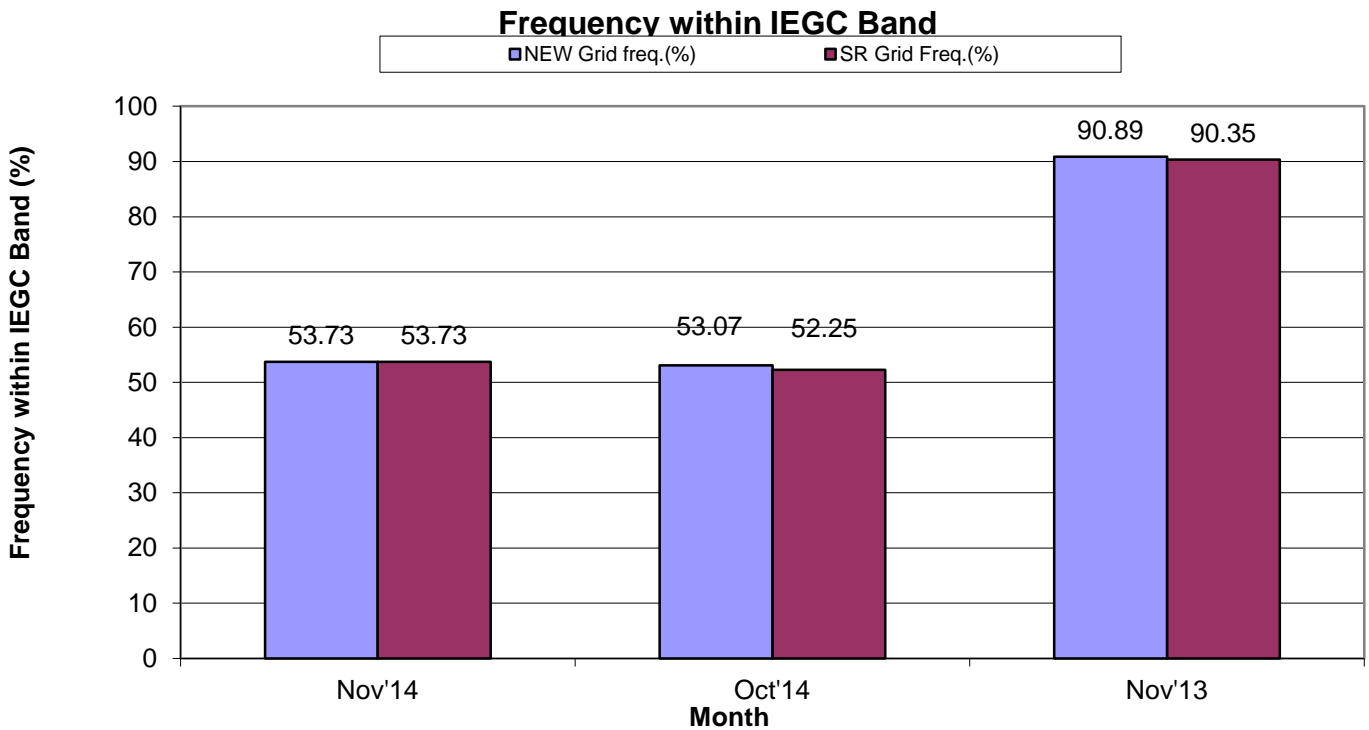
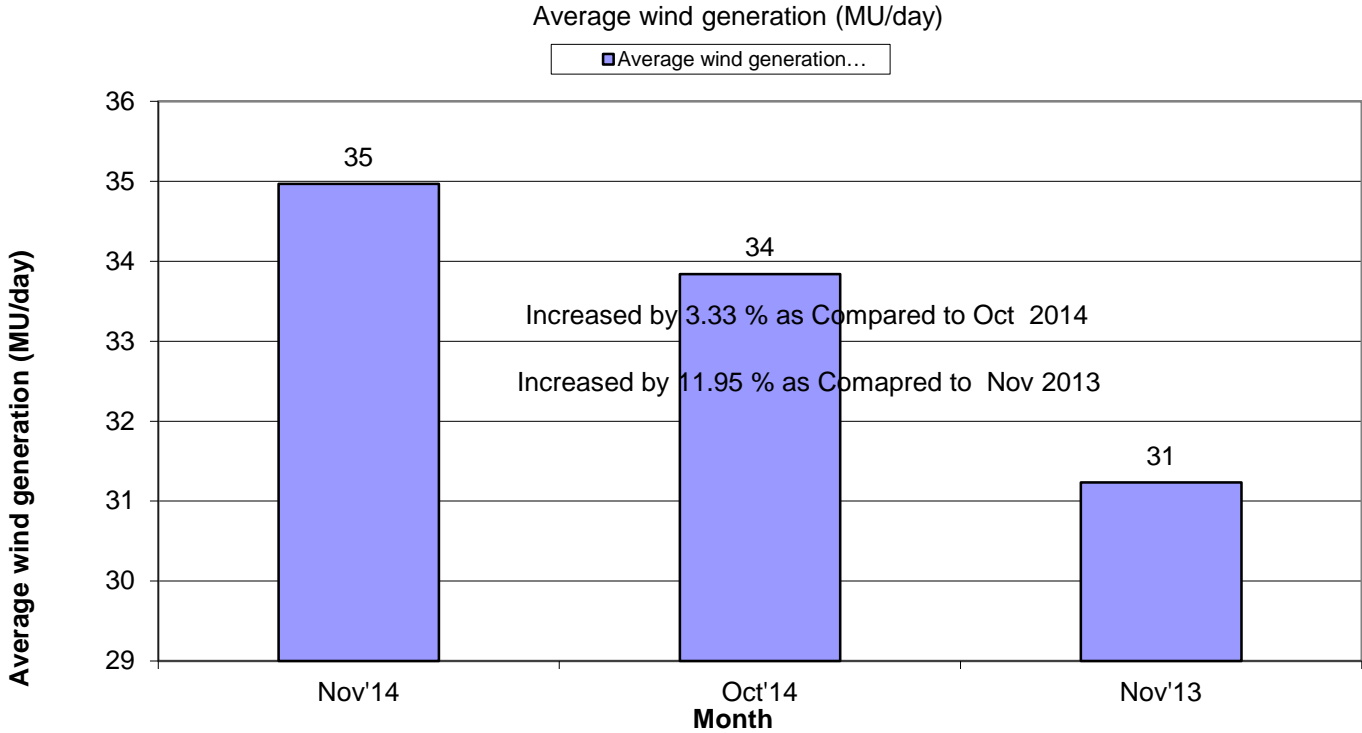
1. SUMMARY OF REPORT FOR THE MONTH OF NOVEMBER 2014



1. SUMMARY OF REPORT FOR THE MONTH OF NOVEMBER 2014



1. SUMMARY OF REPORT FOR THE MONTH OF NOVEMBER 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 30.11.2014

(All figures are in MW)

S No	Region	THERMAL				NUCLEAR	HYDRO	RES @ MNRE	GRAND TOTAL
		COAL	GAS	DIESEL	TOTAL				
1	NR	39431	5331	13	44775	1620	16598	5936	68929
2	WR	60170	10915	17	71103	1840	7448	11271	91661
3	SR	27383	4963	939	33285	1320	11398	13785	59787
4	ER	26528	190	17	26735	0	4113	433	31281
5	NER	60	1571	143	1774	0	1242	257	3272
6	ISLANDS	0	0	70	70	0	0	11	81
		153571	22970	1200	177742	4780	40799	31692	255012

Remarks: Data from CEA website

3. राष्ट्रीय स्तर पर संध्याकालीन शिखर विद्युत मांग पूर्ति

PEAK DEMAND MET AT NATIONAL LEVEL

माह:- नवम्बर 2014

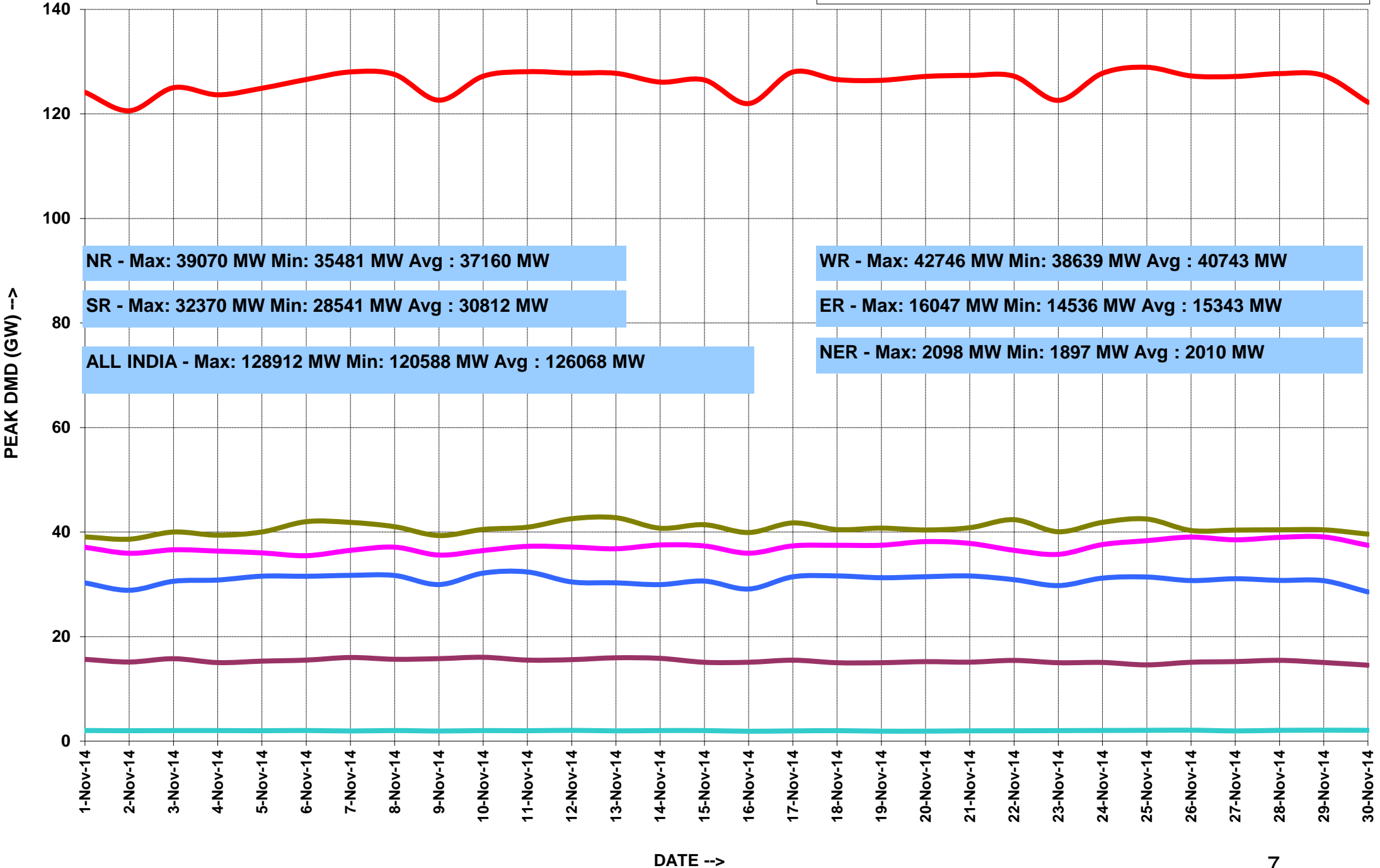
MONTH:- NOVEMBER 2014

सभी आकड़े मेगावाट में All figures in MW

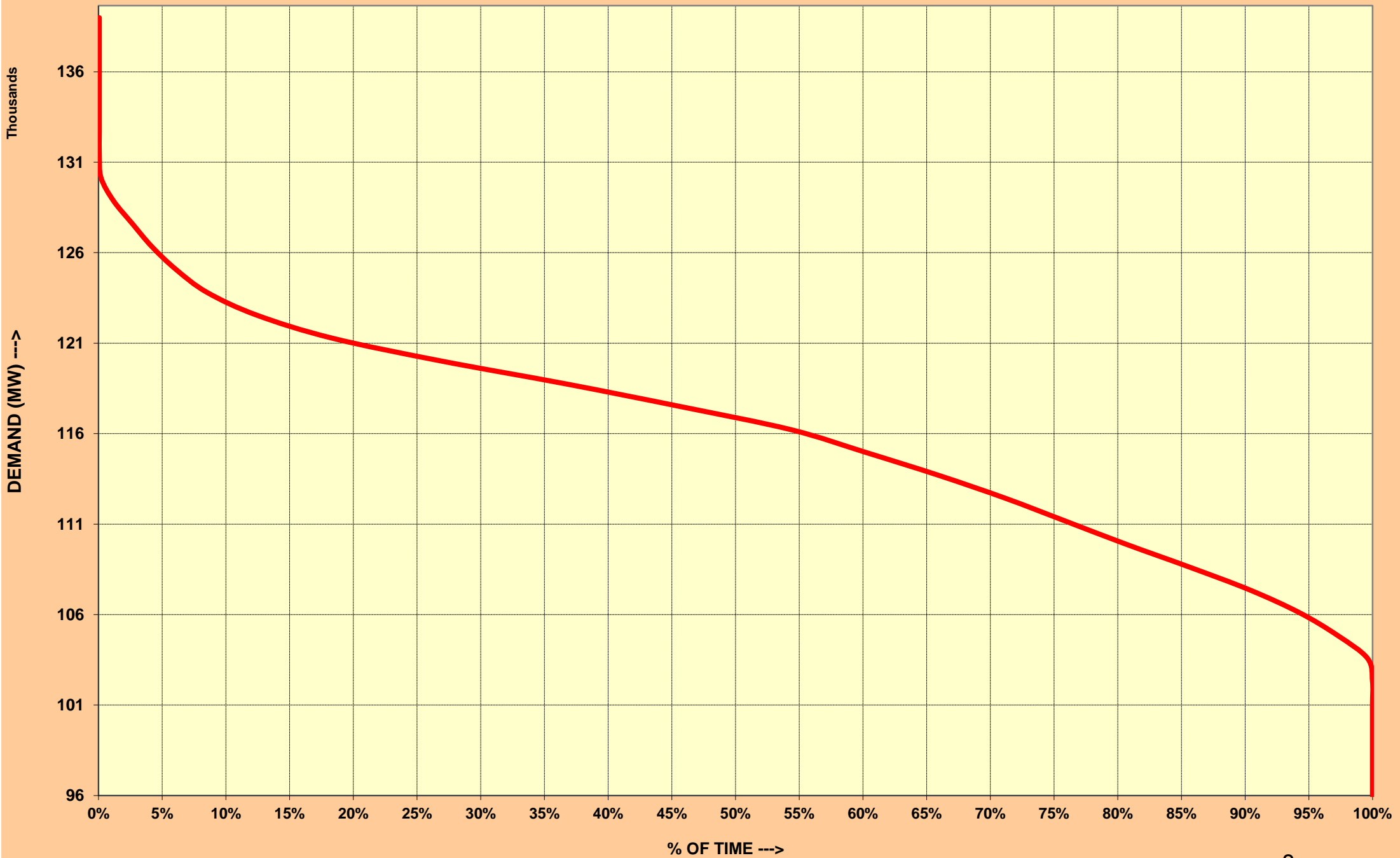
दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL
01-Nov-14	37086	39082	30268	15651	2040	124127
02-Nov-14	35940	38639	28865	15144	2000	120588
03-Nov-14	36609	40008	30590	15775	2029	125011
04-Nov-14	36362	39397	30829	15031	2028	123647
05-Nov-14	36018	40020	31563	15308	1999	124908
06-Nov-14	35481	41992	31547	15510	2041	126571
07-Nov-14	36499	41848	31718	16007	1949	128020
08-Nov-14	37110	41024	31697	15662	2034	127526
09-Nov-14	35601	39330	29956	15786	1939	122612
10-Nov-14	36470	40507	32151	16047	2030	127205
11-Nov-14	37268	40929	32370	15505	1998	128070
12-Nov-14	37135	42550	30459	15593	2070	127807
13-Nov-14	36806	42746	30288	15951	1972	127763
14-Nov-14	37525	40736	29948	15839	2029	126077
15-Nov-14	37345	41409	30621	15087	2024	126486
16-Nov-14	35958	39912	29102	15098	1897	121967
17-Nov-14	37360	41749	31441	15492	1965	128007
18-Nov-14	37468	40476	31610	15002	2012	126568
19-Nov-14	37480	40756	31267	15009	1911	126423
20-Nov-14	38175	40403	31458	15212	1915	127163
21-Nov-14	37831	40831	31598	15116	1978	127354
22-Nov-14	36507	42367	30889	15450	1991	127204
23-Nov-14	35736	40061	29761	15005	2017	122580
24-Nov-14	37613	41860	31195	15056	2045	127769
25-Nov-14	38352	42494	31402	14593	2071	128912
26-Nov-14	39042	40303	30723	15096	2098	127262
27-Nov-14	38516	40384	31070	15219	1964	127153
28-Nov-14	38984	40434	30755	15464	2068	127705
29-Nov-14	39070	40433	30687	15047	2098	127335
30-Nov-14	37457	39604	28541	14536	2074	122212
उच्चतम MAXIMUM	39070	42746	32370	16047	2098	128912
निम्नतम MINIMUM	35481	38639	28541	14536	1897	120588
औसत AVERAGE	37160	40743	30812	15343	2010	126068
अब तक का उच्चतम All Time Max.	46681	43764	36126	17649	2129	138215
दिनांक Date	26.08.14	29.09.14	24.03.14	22.10.14	01.10.14	25.09.14

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

PEAK DEMANDS MET DURING THE MONTH OF NOVEMBER' 2014



ALL INDIA LOAD DURATION CURVE FOR NOVEMBER' 2014



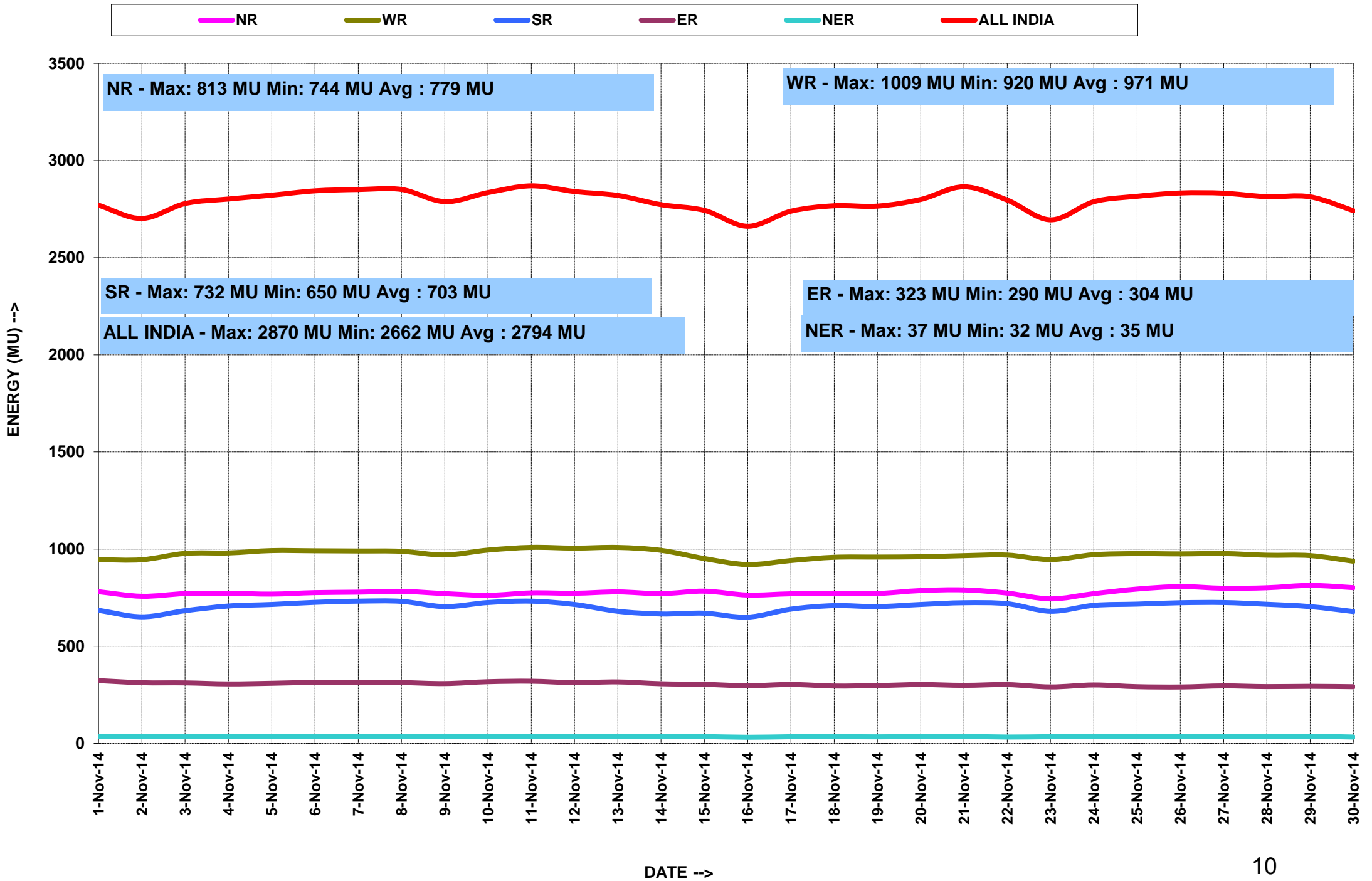
4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

माह:- नवम्बर 2014 MONTH:- NOVEMBER 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-Nov-14	781	945	685	323	36	2770
02-Nov-14	757	945	652	312	36	2702
03-Nov-14	771	978	683	311	36	2779
04-Nov-14	773	980	707	306	36	2802
05-Nov-14	769	993	715	309	37	2822
06-Nov-14	776	991	726	314	37	2844
07-Nov-14	778	990	732	314	36	2851
08-Nov-14	783	989	731	313	36	2852
09-Nov-14	771	970	704	308	36	2789
10-Nov-14	762	995	725	317	36	2836
11-Nov-14	775	1009	732	320	35	2870
12-Nov-14	773	1005	715	312	35	2841
13-Nov-14	780	1009	680	316	36	2820
14-Nov-14	771	994	666	307	36	2773
15-Nov-14	784	951	670	304	35	2744
16-Nov-14	764	920	650	296	32	2662
17-Nov-14	770	941	691	303	34	2740
18-Nov-14	771	958	709	295	35	2767
19-Nov-14	772	959	704	297	34	2766
20-Nov-14	787	961	715	303	35	2800
21-Nov-14	790	966	724	299	36	2865
22-Nov-14	774	969	719	302	33	2797
23-Nov-14	744	946	680	290	35	2695
24-Nov-14	771	971	711	300	35	2788
25-Nov-14	795	977	717	292	37	2816
26-Nov-14	807	975	724	290	37	2833
27-Nov-14	799	977	725	296	36	2832
28-Nov-14	801	969	716	292	36	2814
29-Nov-14	813	967	704	293	37	2814
30-Nov-14	802	938	679	291	33	2742
कुल TOTAL	23359	29140	21089	9125	1063	83826
उच्चतम MAXIMUM	813	1009	732	323	37	2870
निम्नतम MINIMUM	744	920	650	290	32	2662
औसत AVERAGE	779	971	703	304	35	2794
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 NOVEMBER' 2014



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

राष्ट्रीय ग्रिड NATIONAL GRID								
फ़िक्वेंसी रूपरेखा (Hz)	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	Nov-14	20.97	20.97	48.88	30.15	50.42	49.58	50.00
ऑल इंडिया ग्रिड NEW GRID**								
% समय	Oct-14	24.82	24.82	53.07	22.11	50.48	49.53	49.97
द. क्षे. ग्रिड SR GRID**								
% समय	Oct-14	25.32	25.32	52.25	22.38	50.48	49.53	49.97
ऑल इंडिया ग्रिड ALL INDIA GRID								
फ़िक्वेंसी रूपरेखा (Hz)	49.0-49.9	<49.9	49.9-50.05	>50.05	उच्चतम फ़िक्वेंसी	निम्नतम फ़िक्वेंसी	औसत फ़िक्वेंसी	
% समय	Sep-14	28.51	28.51	53.81	17.68	50.37	49.34	49.95
% समय	Aug-14	40.11	40.11	49.04	10.85	50.34	49.36	49.97
% समय	Jul-14	34.45	34.45	50.36	14.91	50.36	49.40	49.94
ऑल इंडिया ग्रिड NEW GRID*								
% समय	Jun-14	37.27	37.27	45.32	17.41	50.65	49.32	49.93
% समय	May-14	22.39	22.39	53.09	24.52	50.56	49.41	49.98
द. क्षे. ग्रिड SR GRID*								
% समय	Jun-14	40.68	40.68	43.93	15.40	50.65	49.32	49.92
% समय	May-14	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

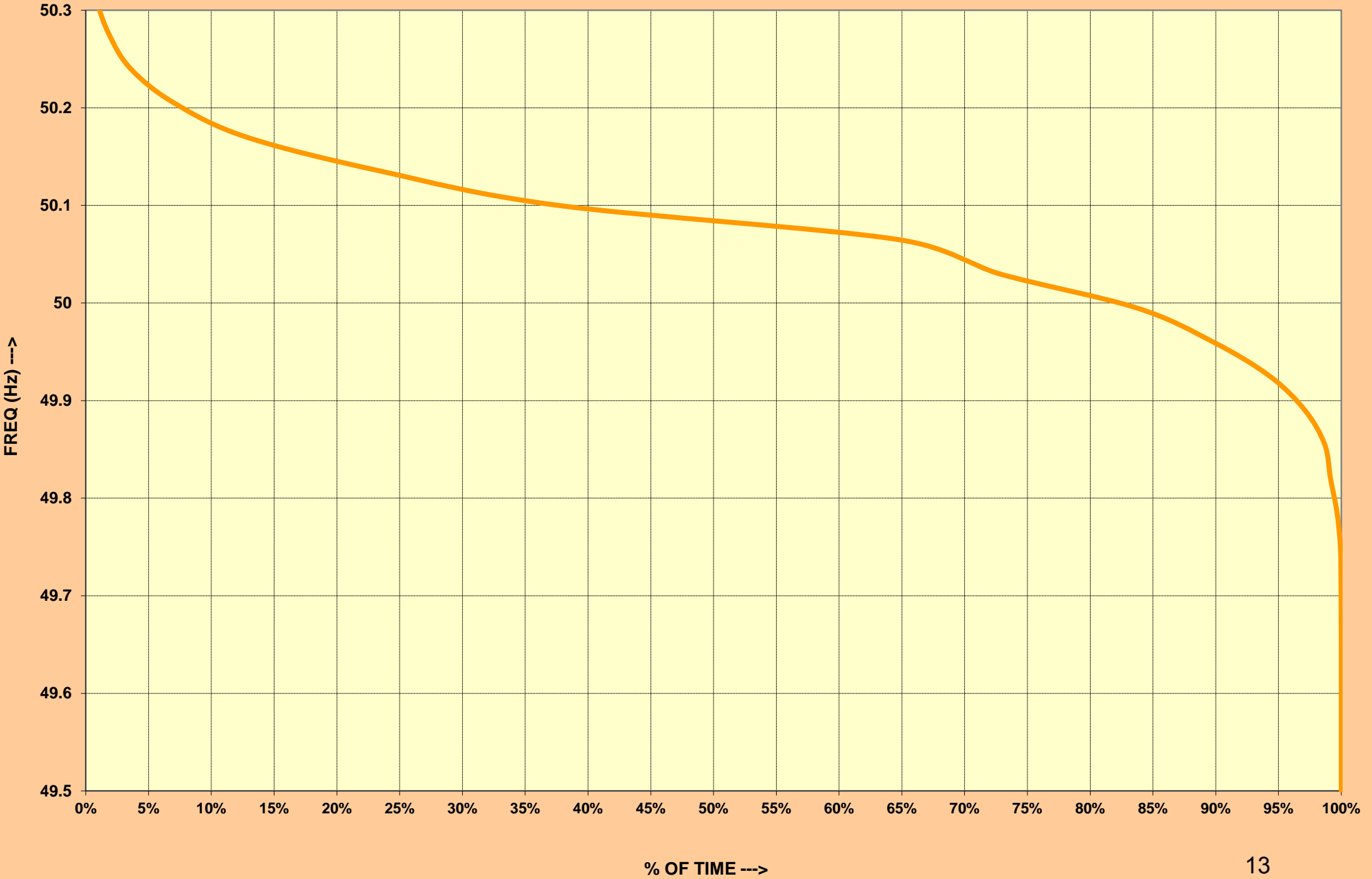
** On Account of separation of SR GRID from NEW GRID on 16th October 2014

5.2 नवम्बर 2014 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR NOVEMBER 2014

अखिल भारतीय ग्रिड ALL INDIA GRID

फ़िक्वेंसी रूपरेखा (Hz)		<49.0	49.0-49.9	<49.9	49.9-50.05	>50.05	उच्चतम फ़िक्वेंसी	निम्नतम फ़िक्वेंसी	औसत फ़िक्वेंसी
% समय	01-Nov-14	0.00	20.97	20.97	48.88	30.15	50.25	49.61	49.99
	02-Nov-14	0.00	8.16	8.16	56.47	35.37	50.31	49.77	50.02
	03-Nov-14	0.00	14.10	14.10	54.48	31.42	50.23	49.66	50.00
	04-Nov-14	0.00	8.50	8.50	60.12	31.39	50.32	49.71	50.01
	05-Nov-14	0.00	15.46	15.46	59.46	25.08	50.34	49.73	49.99
	06-Nov-14	0.00	25.50	25.50	56.03	18.47	50.24	49.63	49.96
	07-Nov-14	0.00	31.86	31.86	46.57	21.56	50.27	49.64	49.96
	08-Nov-14	0.00	9.98	9.98	60.54	29.48	50.34	49.73	50.01
	09-Nov-14	0.00	13.90	13.90	51.00	35.10	50.32	49.73	50.01
	10-Nov-14	0.00	27.80	27.80	52.50	19.70	50.28	49.62	49.95
	11-Nov-14	0.00	20.00	20.00	49.00	31.00	50.28	49.63	49.99
	12-Nov-14	0.00	17.56	17.56	47.74	34.70	50.32	49.63	50.00
	13-Nov-14	0.00	12.40	12.40	52.60	35.00	50.28	49.68	50.01
	14-Nov-14	0.00	14.02	14.02	49.98	36.01	50.31	49.66	50.01
	15-Nov-14	0.00	5.90	5.90	47.30	46.80	50.35	49.71	50.04
	16-Nov-14	0.00	1.23	1.23	46.45	52.33	50.42	49.72	50.06
	17-Nov-14	0.00	9.80	9.80	51.03	39.17	50.34	49.67	50.03
	18-Nov-14	0.00	12.22	12.22	56.20	31.57	50.37	49.65	50.00
	19-Nov-14	0.00	17.34	17.34	59.14	23.52	50.27	49.64	49.90
	20-Nov-14	0.00	7.80	7.80	57.80	34.40	50.33	49.76	50.02
	21-Nov-14	0.00	17.43	17.43	56.60	25.97	50.33	49.69	49.99
	22-Nov-14	0.00	13.00	13.00	67.80	19.20	50.32	49.75	49.98
	23-Nov-14	0.00	10.69	10.69	56.88	32.43	50.34	49.67	50.01
	24-Nov-14	0.00	23.61	23.61	57.15	19.24	50.25	49.66	49.97
	25-Nov-14	0.00	18.36	18.36	53.85	27.79	50.30	49.68	49.99
	26-Nov-14	0.00	8.43	8.43	50.05	41.53	50.31	49.73	50.03
	27-Nov-14	0.00	11.60	11.60	50.00	38.40	50.26	49.58	50.02
	28-Nov-14	0.00	26.17	26.17	52.96	20.87	50.30	49.59	49.96
	29-Nov-14	0.00	8.43	8.43	50.05	41.53	50.32	49.96	50.03
	30-Nov-14	0.00	11.74	11.74	53.33	34.93	50.37	49.72	50.01

NEW GRID FREQUENCY DUR ATION CURVE FOR NOVEMBER' 2014



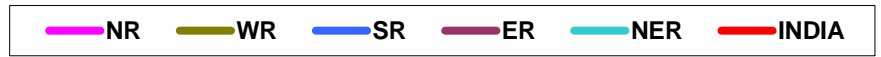
6.राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

माह:- नवम्बर 2014 MONTH:- NOVEMBER 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-Nov-14	117	37	73	40	9	276
02-Nov-14	117	40	63	39	9	269
03-Nov-14	119	50	82	38	9	298
04-Nov-14	116	60	92	34	9	311
05-Nov-14	109	54	82	29	9	283
06-Nov-14	106	54	92	32	9	293
07-Nov-14	116	44	97	32	9	298
08-Nov-14	120	37	101	29	9	295
09-Nov-14	114	33	88	28	8	271
10-Nov-14	116	49	108	29	8	310
11-Nov-14	116	44	106	27	8	301
12-Nov-14	112	33	96	24	8	274
13-Nov-14	112	37	73	26	8	257
14-Nov-14	111	39	82	25	8	266
15-Nov-14	110	27	77	25	8	246
16-Nov-14	106	19	52	26	7	210
17-Nov-14	109	27	75	27	7	244
18-Nov-14	111	34	82	27	7	261
19-Nov-14	108	33	86	27	7	262
20-Nov-14	103	34	89	24	7	256
21-Nov-14	104	39	93	25	7	267
22-Nov-14	102	31	91	29	8	260
23-Nov-14	95	23	80	26	8	231
24-Nov-14	101	32	94	29	8	264
25-Nov-14	96	36	97	21	8	259
26-Nov-14	107	36	96	13	8	260
27-Nov-14	107	42	96	23	7	276
28-Nov-14	99	39	105	18	7	267
29-Nov-14	96	42	104	21	7	269
30-Nov-14	97	37	73	25	7	239
कुल TOTAL	3249	1144	2621	820	236	8071
उच्चतम MAXIMUM	120	60	108	40	9	311
निम्नतम MINIMUM	95	19	52	13	7	210
औसत AVERAGE	108	38	87	27	8	269
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 NOVEMBER' 2014



NR - Max: 120 MU Min: 95 MU Avg : 108 MU

SR - Max: 108 MU Min: 52 MU Avg : 87 MU

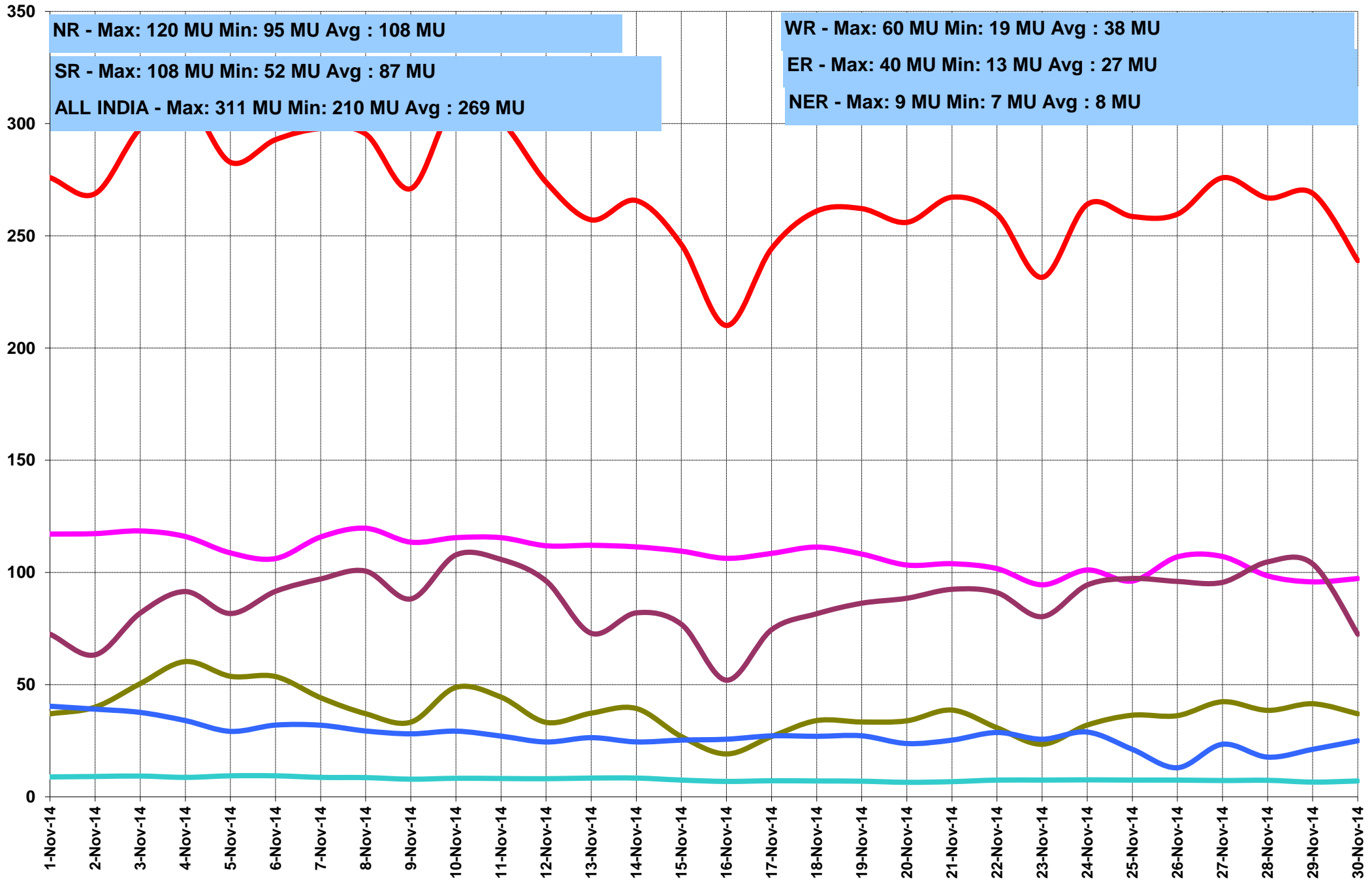
ALL INDIA - Max: 311 MU Min: 210 MU Avg : 269 MU

WR - Max: 60 MU Min: 19 MU Avg : 38 MU

ER - Max: 40 MU Min: 13 MU Avg : 27 MU

NER - Max: 9 MU Min: 7 MU Avg : 8 MU

HYDRO ENERGY (MU) -->



DATE -->

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

माह:- नवम्बर 2014

MONTH:- NOVEMBER 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-Nov-14	1	16	9	-----	-----	26
02-Nov-14	2	16	7	-----	-----	23
03-Nov-14	3	14	9	-----	-----	36
04-Nov-14	4	8	5	-----	-----	43
05-Nov-14	2	9	6	-----	-----	44
06-Nov-14	4	12	4	-----	-----	50
07-Nov-14	6	8	6	-----	-----	51
08-Nov-14	9	15	10	-----	-----	44
09-Nov-14	15	19	9	-----	-----	30
10-Nov-14	9	22	6	-----	-----	47
11-Nov-14	3	28	11	-----	-----	65
12-Nov-14	9	28	16	-----	-----	68
13-Nov-14	10	34	24	-----	-----	64
14-Nov-14	3	37	18	-----	-----	38
15-Nov-14	1	19	19	-----	-----	34
16-Nov-14	1	7	21	-----	-----	31
17-Nov-14	2	6	28	-----	-----	27
18-Nov-14	1	11	31	-----	-----	20
19-Nov-14	1	12	25	-----	-----	20
20-Nov-14	1	8	23	-----	-----	34
21-Nov-14	1	4	17	-----	-----	38
22-Nov-14	0	37	11	-----	-----	33
23-Nov-14	4	6	18	-----	-----	24
24-Nov-14	8	10	34	-----	-----	22
25-Nov-14	4	13	25	-----	-----	31
26-Nov-14	1	9	24	-----	-----	21
27-Nov-14	10	8	17	-----	-----	15
28-Nov-14	3	5	9	-----	-----	18
29-Nov-14	2	5	9	-----	-----	23
30-Nov-14	3	11	17	-----	-----	29
कुल TOTAL	123	437	468	...	...	1049
उच्चतम MAXIMUM	15	37	34	...	...	68
निम्नतम MINIMUM	0	4	4	...	...	15
औसत AVERAGE	4	15	16	...	...	35
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 - November 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	3.3	3.3	0.0	99.4	99.4	0.0	0.0	190.0	190.0	0.0	0.0
	Delhi	58.6	58.6	0.0	1759.3	1758.1	-1.2	-0.1	3512.0	3512.0	0.0	0.0
	Haryana	106.7	106.7	-0.1	3202.3	3199.8	-2.6	-0.1	6345.0	6340.0	-5.0	-0.1
	H.P.	24.2	24.1	0.0	725.2	724.5	-0.8	-0.1	1403.0	1403.0	0.0	0.0
	J&K	48.2	38.2	-10.0	1444.8	1144.6	-310.3	-20.8	2455.0	1964.0	-491.0	-20.0
	Punjab	99.1	98.5	-0.6	2973.2	2954.7	-19.1	-0.6	5626.0	5626.0	0.0	0.0
	Rajasthan	203.8	203.8	0.0	6112.9	6112.9	0.0	0.0	9525.0	9525.0	0.0	0.0
	U.P.	261.8	216.9	-44.9	7853.0	6505.6	-1392.3	-17.2	12744.0	10694.0	-2050.0	-16.1
	Uttarakhand	32.7	31.6	-1.1	980.6	947.9	-33.8	-3.3	1828.0	1748.0	-80.0	-4.4
	NFF/Railway	2.3	2.3	0.0	67.8	67.8	0.0	0.0	100.0	100.0	0.0	0.0
TOTAL	840.6	783.8	-56.8	25218.6	23515.2	-1760.1	-6.8	40595.0	39070.0	-1525.0	-3.8	
WR	Gujarat	279.6	279.5	-0.1	8388.8	8385.6	-3.3	0.0	13386.0	13424.0	38.0	0.3
	Madhya Pradesh	202.1	202.1	0.0	6063.2	6062.6	-0.6	0.0	9812.0	9832.0	20.0	0.2
	Chhattisgarh	63.0	62.8	-0.1	1888.6	1884.3	-4.5	-0.2	3240.0	3078.0	-162.0	-5.0
	Maharashtra	395.4	390.1	-5.3	11862.1	11701.8	-165.6	-1.4	20469.0	19629.0	-840.0	-4.1
	Goa	7.7	7.7	0.0	231.6	231.1	-0.5	-0.2	421.0	421.0	0.0	0.0
	D&D	5.8	5.8	0.0	175.2	175.2	0.0	0.0	331.0	331.0	0.0	0.0
	DNH	15.4	15.4	0.0	460.8	460.6	-0.3	-0.1	671.0	671.0	0.0	0.0
	ESIL	8.0	8.0	0.0	238.7	238.6	-0.1	-0.1	476.0	476.0	0.0	0.0
TOTAL	977.0	971.3	-5.6	29308.9	29139.8	-174.8	-0.6	45380.0	44549.0	-831.0	-1.8	
SR	AP-TRANSCO	134.7	133.5	-1.2	4041.0	4005.0	-37.2	-0.9	6081.0	6030.0	-51.0	-0.8
	TG - TRANSCO	147.5	138.9	-8.6	4425.0	4166.0	-267.6	-5.9	6133.0	6648.0	515.0	8.4
	KPTCL	156.5	150.0	-6.5	4696.0	4500.0	-202.5	-4.2	8244.0	9503.0	1259.0	15.3
	KSEB	58.5	58.0	-0.5	1754.0	1739.0	-15.5	-0.9	3493.0	3512.0	19.0	0.5
	TNEB	268.8	264.1	-4.8	8065.0	7922.0	-147.8	-1.8	11411.0	13771.0	2360.0	20.7
	PONDICHERRY	6.6	6.5	-0.1	197.0	195.0	-2.1	-1.0	305.0	348.0	43.0	14.1
	TOTAL	772.6	750.9	-21.7	23178.0	22527.0	-672.7	-2.8	34617.0	33972.0	-645.0	-1.9
ER	Bihar	43.0	49.4	6.4	1291.0	1482.0	197.4	14.8	2530.0	2754.0	224.0	8.9
	JSEB	23.3	21.6	-1.7	700.0	649.0	-52.7	-7.3	1100.0	1064.0	-36.0	-3.3
	DVC	54.7	54.4	-0.3	1640.0	1632.0	-8.3	-0.5	2730.0	2488.0	-242.0	-8.9
	Odisha	74.9	67.6	-7.3	2247.0	2027.0	-227.3	-9.8	3650.0	3717.0	67.0	1.8
	West Bengal	105.9	113.8	7.9	3178.0	3414.0	243.9	7.4	6730.0	7009.0	279.0	4.1
TOTAL	301.9	306.8	4.9	9056.0	9204.0	152.9	1.6	16354.0	16611.0	257.0	1.6	
NER	Arunachal Pradesh	2.2	2.0	-0.2	65.0	59.7	-5.5	-8.1	125.5	116.0	-9.5	-7.6
	Assam	22.0	19.4	-2.6	660.0	583.3	-79.3	-11.6	1442.1	1250.0	-192.1	-13.3
	Manipur	2.3	2.3	0.0	70.0	69.9	-0.1	-0.1	140.1	138.0	-2.1	-1.5
	MeSEB	5.8	5.4	-0.4	175.0	162.0	-13.5	-7.4	349.5	338.0	-11.5	-3.3
	Mizoram	1.4	1.3	-0.1	43.0	40.3	-2.8	-6.3	90.2	80.0	-10.2	-11.3
	Nagaland	2.2	1.8	-0.3	65.0	55.4	-9.9	-14.7	120.4	115.0	-5.4	-4.5
	Tripura	3.7	3.0	-0.6	110.0	90.6	-20.0	-17.6	270.5	222.0	-48.5	-17.9
TOTAL	39.6	35.4	-4.2	1188.0	1061.2	-131.0	-10.7	2539.8	2253.9	-285.9	-11.3	
ALL INDIA	2931.7	2848.2	-83.4	87949.5	85447.3	-2585.7	-2.8	139485.8	136455.9	-3029.9	-2.2	

9. ENERGY COMPARISON OF NOVEMBER 2014 Vs NOVEMBER 2013

REGION	STATE	Energy Requirement (MU)					Energy Met (MU)				
		Nov-13	Nov-14	Difference	% Change	Average MU/day for Nov-14	Nov-13	Nov-14	Difference	% Change	Average for MU/day Nov -14
NR	Chandigarh	96	99	3	3	3	96	99	3	3	3
	Delhi	1713	1759	46	3	59	1712	1758	46	3	59
	Haryana	2919	3202	283	10	107	2910	3200	290	10	107
	H.P.	680	725	45	7	24	679	724	45	7	24
	J&K	1141	1445	304	27	48	1092	1145	52	5	38
	Punjab	2641	2973	332	13	99	2622	2955	333	13	98
	Rajasthan	5119	6113	994	19	204	5118	6113	995	19	204
	U.P.	7252	7853	601	8	262	6178	6506	327	5	217
	Uttarakhand	914	981	66	7	33	865	948	83	10	32
	NFF/Railway	65	68	2	4	2	65	68	2	4	2
	TOTAL	22541	25219	2677	12	841	21339	23515	2177	10	784
WR	Gujarat	6939	8389	1449	21	280	6937	8386	1449	21	280
	Madhya Pradesh	5714	6063	349	6	202	5727	6063	336	6	202
	Chhattisgarh	1662	1889	227	14	63	1661	1884	224	13	63
	Maharashtra	10918	11862	944	9	395	10637	11702	1064	10	390
	Goa	235	232	-4	-2	8	235	231	-4	-2	8
	D&D	159	175	17	10	6	159	175	17	10	6
	DNH	428	461	33	8	15	428	461	33	8	15
	ESIL	183	239	56	30	8	183	239	55	30	8
	TOTAL	26238	29309	3071	12	977	25967	29140	3173	12	971
SR	AP-TRANSCO	6869	4041	1597	23	130	6266	4005	1905	8	134
	TG - TRANSCO		4425			143		4166			139
	KPTCL	5298	4696	-602	-11	157	4391	4500	109	2	150
	KSEB	1770	1754	-16	-1	58	1619	1739	120	7	58
	TNEB	7203	8065	862	12	269	5302	7922	2620	49	264
	PONDY	168	197	29	17	7	165	195	30	18	7
	TOTAL	21308	23178	1870	9	773	17743	22527	4784	27	751
ER	Bihar	1230	1291	61	5	43	1004	1482	478	48	49
	JSEB	700	700	0	0	23	566	649	83	15	22
	DVC	1630	1640	10	1	55	1529	1632	103	7	54
	Odisha	2250	2247	-3	0	75	1782	2027	245	14	68
	West Bengal	3487	3178	-309	-9	106	3175	3414	239	8	114
	TOTAL	9297	9056	-241	-3	302	8056	9204	1148	14	307
NER	Arunachal Pradesh	45	65	20	45	2	42	60	18	43	2
	Assam	580	660	80	14	22	564	583	19	3	19
	Manipur	46	70	24	51	2	44	70	26	61	2
	MeSEB	157	175	18	12	6	137	162	25	18	5
	Mizoram	39	43	4	10	1	38	40	3	7	1
	Nagaland	44	65	21	46	2	43	55	13	30	2
	Tripura	104	110	6	5	4	100	91	-9	-9	3
	TOTAL	1017	1188	171	17	40	966	1061	95	10	35
ALL INDIA	80401	87950	7549	9	2932	74070	85447	11377	15	2848	

10. DEMAND COMPARISON OF November 2014 Vs November 2013

REGION	STATE	Peak Requirement (MW)				Peak Met (MW)			
		Nov-13	Nov-14	Difference	% Change	Nov-13	Nov-14	Difference	% Change
NR	Chandigarh	185	190	5	2.7	185	190	5	2.7
	Delhi	3576	3512	-64	-1.8	3576	3512	-64	-1.8
	Haryana	5626	6345	719	12.8	5626	6340	714	12.7
	H.P.	1319	1403	84	6.4	1319	1403	84	6.4
	J&K	2385	2455	70	2.9	1909	1964	55	2.9
	Punjab	5154	5626	472	9.2	5154	5626	472	9.2
	Rajasthan	8627	9525	898	10.4	8627	9525	898	10.4
	U.P.	12327	12744	417	3.4	12327	10694	-1633	-13.2
	Uttarakhand	1611	1828	217	13.5	1611	1748	137	8.5
	NFF/Railway	99	100	1	1.0	99	100	1	1.0
WR	Gujarat	11759	13386	1627	14	11747	13424	1677	14.3
	Madhya Pradesh	9816	9812	-4	0	9807	9832	25	0.3
	Chhattisgarh	2773	3240	467	17	2770	3078	308	11.1
	Maharashtra	18325	20469	2144	12	17591	19629	2038	11.6
	Goa	489	421	-68	-14	489	421	-68	-13.9
	D&D	253	331	78	30.8	238	331	93	39.1
	DNH	646	671	25	3.8	645	671	26	4.0
	ESIL	460	476	16	3.5	458	476	18	3.9
SR	AP-TRANSCO	10628	6081	1586	14.9	10591	6030	2087	19.7
	TG - TRANSCO		6133				6648		
	KPTCL	8961	8244	-717	-8.0	8167	9503	1336	16.4
	KSEB	3474	3493	19	0.5	3296	3512	216	6.6
	TNEB	11095	11411	316	2.8	11017	13771	2754	25.0
	PONDY	312	305	-7	-2.2	312	348	36	11.5
ER	Bihar	2430	2530	100	4.1	2314	2754	440	19.0
	JSEB	1130	1100	-30	-2.7	997	1064	67	6.7
	DVC	2715	2730	15	0.6	2620	2488	-132	-5.0
	Odisha	3550	3650	100	2.8	3422	3717	295	8.6
	West Bengal	7000	6730	-270	-3.9	6681	7009	328	4.9
NER	Arunachal Pradesh	120	126	6	4.8	120	116	-4	-3.3
	Assam	1169	1442	273	23.4	1155	1250	95	8.2
	Manipur	124	140	16	13.3	123	138	15	12.2
	MeSEB	300	349	49	16.4	298	338	40	13.4
	Mizoram	66	90	25	37.4	65	80	15	23.9
	Nagaland	96	120	24	25.4	96	115	19	19.8
	Tripura	208	270	62	30.0	207	222	15	7.2

11. SCHEDULE AND DRAWAL OF CONSTITUENTS - November 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	96.84	103.88	7.04	7.27	3.23	3.46	0.23
	Delhi	1153.65	1109.52	-44.14	-3.83	38.46	36.98	-1.47
	Haryana	1554.27	1545.54	-8.72	-0.56	51.81	51.52	-0.29
	H.P.	516.79	533.50	16.72	3.23	17.23	17.78	0.56
	J&K	882.88	927.67	44.79	5.07	29.43	30.92	1.49
	Punjab	1478.93	1421.91	-57.02	-3.86	49.30	47.40	-1.90
	Rajasthan	2115.71	2174.86	59.15	2.80	70.52	72.50	1.97
	U.P.	2699.90	2787.92	88.02	3.26	90.00	92.93	2.93
	Uttarakhand	535.85	577.34	41.49	7.74	17.86	19.24	1.38
	NFF/Railway	45.73	68.09	22.36	48.90	1.52	2.27	0.75
WR	Gujarat	1745.10	1699.61	-45.49	-2.61	58.17	56.65	-1.52
	Madhya Pradesh	3658.83	3630.15	-28.68	-0.78	121.96	121.01	-0.96
	Maharashtra	3382.19	3349.50	-32.69	-0.97	112.74	111.65	-1.09
	Chhattisgarh	315.43	303.33	-12.10	-3.84	10.51	10.11	-0.40
	Goa	260.38	246.46	-13.92	-5.35	8.68	8.22	-0.46
	D&D	177.36	175.22	-2.14	-1.21	5.91	5.84	-0.07
	D&NH	438.48	460.58	22.10	5.04	14.62	15.35	0.74
	ESIL	243.72	238.57	-5.15	-2.11	8.12	7.95	-0.17
SR	AP TRANSCO	789.79	846.40	56.61	7.17	26.33	28.21	1.89
	TG TRANSCO	1968.36	2055.44	87.08	4.42	65.61	68.51	2.90
	KPTCL	596.09	658.46	62.37	10.46	19.87	21.95	2.08
	KSEB	973.90	1038.82	64.92	6.67	32.46	34.63	2.16
	TNEB	2047.45	2094.33	46.88	2.29	68.25	69.81	1.56
	PONDICHERRY	171.11	170.69	-0.42	-0.25	5.70	5.69	-0.01
ER	Bihar	1484.85	1410	-75.23	-5.07	49.50	46.99	-2.51
	JSEB	323.93	306	-18.08	-5.58	10.80	10.19	-0.60
	DVC	-444.10	-417	27.17	-6.12	-14.80	-13.90	0.91
	GRIDCO	636.50	686	49.70	7.81	21.22	22.87	1.66
	WBSEB	503.22	548	44.84	8.91	16.77	18.27	1.49
	Sikkim	39.63	31	-8.22	-20.74	1.32	1.05	-0.27
NER	Arunachal Pradesh	43.67	59.71	16.04	36.72	1.46	1.99	0.53
	Assam	406.88	436.95	30.07	7.39	13.56	14.56	1.00
	Manipur	66.79	69.91	3.11	4.66	2.23	2.33	0.10
	MeSEB	117.31	116.01	-1.30	-1.11	3.91	3.87	-0.04
	Mizoram	30.69	38.33	7.63	24.87	1.02	1.28	0.25
	Nagaland	39.43	49.80	10.37	26.31	1.31	1.66	0.35
	Tripura	17.82	24.66	6.84	38.36	0.59	0.82	0.23

12. INTER REGIONAL EXCHANGES 2014-15

	April'14	May'14	June'14	July'14	Aug'14	Sep'14	Oct'14	Nov'14	Fin. Year 2014-15 Till November 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	931.72	954.54	8434.98
WR - NR HVDC Vindhyachal	226.93	146.02	220.87	76.68	102.45	87.66	42.38	10.07	913.06
WR - NR 400 kV Zerda Kankroli	0.00	0.00	0.00	1.12	0.35	0.00	0.00	0.00	1.47
WR - NR 400 kV Zerda Bhinmal	0.00	0.00	0.11	0.11	4.56	0.00	0.00	3.79	8.56
WR - NR 220 kV Badod - Kota/ Modak	0.00	0.00	5.46	3.26	6.72	3.34	1.34	8.44	28.56
WR - NR 220 kV Auraiya - Malanpur/Mehgaon	0.00	0.00	2.26	0.00	0.00	2.36	0.00	0.00	4.61
WR - NR HVDC Mundra - Mohindergarh	1435.93	1407.11	1420.90	1508.24	1425.60	1113.54	1319.67	1446.07	11077.06
Total WR - NR	2794.27	2647.15	2818.96	2725.76	2877.20	2168.12	2295.10	2422.91	20749.47
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	145.50	81.68	584.72
ER - WR 765 kV Gaya - Fatehpur	0.00	5.45	7.52	10.10	47.03	119.40	132.67	158.46	480.63
ER - WR 400 kV Pusauli - Balia	1.80	0.00	2.18	1.89	10.35	4.91	0.00	0.00	21.13
ER-NR 400 kV Patna - Balia 2x D/C	199.41	188.18	196.33	216.02	228.67	174.58	306.75	421.44	1931.37
ER - NR 400 kV Muzaffarpur - Gorakhpur D/C	60.87	153.36	338.00	356.61	407.36	323.35	309.24	151.68	2100.47
ER - NR 400 kV Biharshariff - Balia D/C	73.20	134.72	234.73	161.92	210.72	162.99	169.34	61.64	1209.25
ER - NR HVDC Sasaram (Bypass)	214.12	275.04	232.52	300.59	130.61	206.35	247.26	209.57	1816.06
ER - NR 220 kV Pusauli - Sahupuri	112.59	109.26	117.30	106.27	99.97	95.07	108.72	71.40	820.57
ER - NR 132 kV Sahupuri - Karamnasa	0.00	0.00	0.00	0.00	6.72	15.36	0.96	0.48	23.52
ER - NR 132 kV Rihand - Son Nagar	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	0.00	-0.54
Total NR - WR	677.62	895.41	1190.11	1216.83	1268.66	1161.78	1420.44	1156.35	8987.19
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	0.00	0.00
NR - WR HVDC Vindhyachal	7.75	36.56	10.16	68.79	110.02	105.84	172.27	189.68	701.08
NR - WR 400 kV Zerda Kankroli	180.30	135.80	123.34	131.77	112.67	101.46	145.09	91.68	1022.11
NR - WR 400 kV Zerda Bhinmal	133.65	98.67	104.05	114.09	93.08	92.64	97.44	32.12	765.74
NR - WR 220 kV Badod - Kota/ Modak	88.03	68.11	90.43	54.24	69.10	31.14	93.79	105.80	600.65
NR - WR 220 kV Auraiya - Malanpur/Mehgaon	26.51	28.54	26.76	37.59	50.65	47.78	68.24	70.93	356.99
NR - WR HVDC Mundra - Mohindergarh	0.00	0.00	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	576.82	490.22	3446.56

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	0.00	0.12	54.17
NR - ER 765 kV Gaya - Fatehpur	50.11	22.91	1.64	3.28	2.64	4.07	0.00	0.00	84.65
NR - ER 400 kV Pusauli - Balia	66.02	53.18	20.67	43.56	13.45	39.91	41.91	57.21	335.91
NR - ER 400 kV Patna - Balia 2xD/C	0.00	0.00	0.65	0.00	0.00	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	0.00	0.00	12.01
NR - ER 400 kV Biharshariff - Balia D/C	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38
NR - ER HVDC Sasaram (Byepass)	25.06	0.70	1.72	0.00	47.93	7.07	5.78	0.00	88.27
NR - ER 220 kV Pusauli - Sahupuri	0.00	0.03	0.00	3.28	3.72	0.00	0.00	0.00	7.03
NR - ER 132 kV Sahupuri - Karamnasa	0.00	0.94	0.00	-0.50	0.48	2.19	7.88	0.48	11.47
NR - ER 132 kV Rihand - Son Nagar	12.54	7.36	3.28	6.11	19.90	23.09	22.81	18.15	113.23
Total NR - ER	200.97	96.65	29.27	56.78	88.91	82.84	78.38	75.96	709.76
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	-39.32	-39.63	-290.37
WR - ER 400 kV Sipat - Ranchi D/C	5.57	97.73	44.48	-64.65	-69.00	-77.39	-17.12	-19.77	-100.16
WR - ER 400 kV Raigarh - Sterlite D/C	0.00	0.00	0.37	-79.86	-55.03	-58.80	-17.77	-6.50	-217.59
WR - ER 400 kV Raigarh - Jharsuguda D/C	2.20	78.59	45.11	-134.56	-59.72	-70.43	-37.98	-57.39	-234.17
WR - ER 220 kV Korba - Budhipadar D/C	0.19	10.23	8.18	-4.97	-19.97	-36.32	-4.98	-1.15	-48.79
WR - ER 220 kV Raigarh - Budhipadar	0.00	0.49	0.08	-0.80	-6.35	-15.72	-0.19	0.00	-22.49
Total WR - ER	7.95	259.13	141.09	-368.94	-322.17	-353.15	-117.37	-124.44	-877.90
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	22.71	18.29	59.78
ER - WR 400 kV Sipat - Ranchi D/C	2.42	0.00	2.53	3.75	5.35	2.95	31.44	20.95	69.39
ER - WR 400 kV Raigarh - Sterlite D/C	115.86	115.02	172.47	118.86	129.37	147.84	235.79	190.93	1226.14
ER - WR 400 kV Raigarh - Jharsuguda D/C	0.00	0.00	13.84	2.72	3.53	3.31	13.38	-2.72	34.06
ER - WR 220 kV Korba - Budhipadar D/C	4.66	9.39	12.19	33.53	11.44	4.15	32.28	21.08	128.73
ER - WR 220 kV Raigarh - Budhipadar	70.98	63.40	64.54	34.75	33.26	31.17	76.47	89.85	464.43
Total ER - WR	193.92	188.55	270.86	199.69	187.79	191.26	412.07	338.39	1982.53
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	69.79	200.52	905.05
ER - NER 220 kV Birpara - Salakati D/C	41.64	59.03	63.64	25.26	37.33	27.02	44.48	40.57	338.97
Total ER - NER	273.52	260.53	192.08	74.03	53.80	34.69	114.27	241.09	1244.01
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	-15.20	0.00	-244.82
NER - ER 220 kV Birpara - Salakati D/C	0.00	0.00	0.00	-0.46	-2.02	-8.20	-0.03	0.00	-10.71
Total NER - ER	0.00	0.00	6.92	-35.16	-89.34	-122.73	-15.23	0.00	-255.54

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	182.83	0.00	3035.39
ER - SR HVDC Talchar - Kolar	1419.85	1299.16	1345.00	1431.12	924.60	1344.73	1454.94	1463.47	10682.87
Total ER - SR	1954.41	1825.70	1739.53	1919.21	1405.25	1772.96	1637.77	1463.47	13718.30
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	0.00	0.00
SR - ER HVDC Talchar - Kolar	0.00	0.00	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	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	732.95	701.52	4932.81
WR - SR 765 kV Sholapur - Raichur	78.84	68.83	79.31	118.00	7.80	218.95	225.86	319.22	1116.80
Total WR - SR	770.80	761.36	754.35	845.00	17.61	920.94	958.81	1020.74	6049.61
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	0.00	0.00
SR - WR 765 kV Raichur - Sholapur	35.99	47.17	50.50	51.39	0.56	-28.88	-30.80	-4.71	121.22
Total SR - WR	35.99	47.17	50.50	51.39	0.56	-28.88	-30.80	-4.71	121.22
TOTAL ALL INDIA	7346	7349	7548	7091	5924	6207	7330	7080	55875

Date	12.1 Import of NR from WR & ER during November 2014																			
	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 Vindhychal	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-Nov-14	22.85	0.00	0.00	0.00	0.00	0.00	11.81	46.65	81.30	4.76	2.90	0.00	7.96	7.54	4.18	9.84	3.13	0.00	0.00	40.31
2-Nov-14	21.61	0.12	0.00	0.00	0.00	0.00	11.55	43.55	76.83	4.76	2.90	0.00	7.96	6.94	4.18	9.60	2.63	0.00	0.00	38.97
3-Nov-14	26.51	0.00	0.00	0.00	0.00	0.00	11.82	45.57	83.90	7.55	3.38	0.00	15.55	8.33	3.43	4.80	2.31	0.00	0.00	45.36
4-Nov-14	26.51	0.00	0.00	0.00	0.00	0.00	11.82	45.57	83.90	7.55	3.38	0.00	15.55	8.33	3.43	4.80	2.31	0.00	0.00	45.36
5-Nov-14	26.51	0.00	0.00	0.00	0.00	0.00	11.45	51.31	89.27	7.55	3.38	0.00	15.55	8.33	3.43	4.81	2.34	0.00	0.00	45.39
6-Nov-14	35.58	0.00	0.00	0.00	0.00	0.00	11.33	53.19	100.10	4.79	2.89	0.00	7.72	6.60	4.10	4.84	2.54	0.00	0.00	33.48
7-Nov-14	33.85	0.00	0.00	0.00	0.00	0.00	10.86	53.19	97.90	4.79	2.89	0.00	7.72	6.60	4.10	4.82	2.48	0.00	0.00	33.40
8-Nov-14	34.77	0.56	0.00	0.00	0.00	0.00	10.75	49.97	96.05	3.14	6.76	0.00	8.80	5.47	3.24	4.82	2.48	0.00	0.00	34.71
9-Nov-14	32.60	1.23	0.00	0.00	0.00	0.00	10.83	49.92	94.59	2.87	6.77	0.00	6.26	5.43	2.25	4.84	2.43	0.00	0.00	30.85
10-Nov-14	31.46	1.06	0.00	0.00	0.00	0.00	11.47	49.00	92.99	2.78	6.72	0.00	15.49	5.09	2.50	4.89	2.18	0.00	0.00	39.63
11-Nov-14	34.10	0.89	0.00	-0.01	0.00	0.00	10.64	52.17	97.79	2.77	7.05	0.00	10.75	5.32	3.58	4.83	2.42	0.00	0.00	36.72
12-Nov-14	31.90	0.00	0.00	0.00	0.00	0.00	11.30	53.20	96.41	2.94	6.75	0.00	18.01	4.26	1.48	4.84	2.41	0.00	0.00	40.67
13-Nov-14	30.55	0.00	0.00	0.00	0.00	0.00	11.26	53.21	95.03	2.57	6.13	0.00	19.42	4.97	3.06	2.64	2.40	0.00	0.00	41.19
14-Nov-14	34.14	0.00	0.00	0.02	0.00	0.00	11.39	53.21	98.77	2.26	5.45	0.00	18.22	5.05	3.20	1.27	2.54	0.00	0.00	38.01
15-Nov-14	26.34	0.00	0.00	0.09	0.00	0.00	10.31	53.21	89.95	3.99	6.79	0.00	16.22	5.34	0.32	1.27	2.50	0.00	0.00	36.42
16-Nov-14	31.69	0.00	0.00	0.00	0.00	0.00	9.93	53.20	94.82	2.90	6.30	0.00	15.19	5.36	0.54	3.67	2.64	0.00	0.00	36.60
17-Nov-14	34.01	0.00	0.00	0.00	0.00	0.00	10.30	52.11	96.42	1.28	4.92	0.00	15.04	4.01	0.50	7.38	2.78	0.00	0.00	35.91
18-Nov-14	39.03	0.00	0.00	0.00	0.00	0.00	10.71	49.26	99.00	0.00	4.30	0.00	9.57	3.52	0.50	9.76	2.47	0.00	0.00	30.11
19-Nov-14	36.14	0.00	0.00	0.00	0.00	0.00	11.09	51.20	98.43	0.03	4.73	0.00	11.66	3.72	1.26	9.72	2.11	0.00	0.00	33.23
20-Nov-14	34.53	0.00	0.00	0.00	0.00	0.00	11.18	52.06	97.77	0.34	4.68	0.00	17.43	3.46	0.69	9.69	2.25	0.00	0.00	38.55
21-Nov-14	29.14	0.00	0.00	0.00	4.16	0.00	0.00	52.63	85.92	1.01	5.80	0.00	16.85	3.15	0.44	9.62	2.34	0.48	0.00	39.69
22-Nov-14	38.68	0.42	0.00	0.88	0.00	0.00	10.70	49.52	100.19	1.24	6.07	0.00	16.56	3.94	0.67	9.64	3.00	0.00	0.00	41.12
23-Nov-14	35.92	1.32	0.00	0.26	0.00	0.00	7.08	51.80	96.38	1.96	7.12	0.00	17.92	4.90	2.04	9.61	2.47	0.00	0.00	46.00
24-Nov-14	31.64	0.00	0.00	0.47	0.00	0.00	11.08	46.38	89.57	1.24	5.36	0.00	15.31	2.98	0.50	9.60	2.41	0.00	0.00	37.40
25-Nov-14	33.34	0.00	0.00	0.53	0.00	0.00	10.89	50.78	95.54	1.63	6.80	0.00	16.38	4.32	1.20	9.84	2.90	0.00	0.00	43.07
26-Nov-14	31.64	0.00	0.00	0.47	0.00	0.00	11.08	46.38	89.57	1.24	5.36	0.00	15.31	2.98	0.50	9.60	2.41	0.00	0.00	37.40
27-Nov-14	34.85	3.93	0.00	0.00	0.00	0.00	10.93	34.85	84.56	1.10	6.19	0.00	16.18	4.05	0.99	9.75	2.53	0.00	0.00	40.78
28-Nov-14	35.58	0.00	0.00	0.62	0.00	0.00	8.98	33.86	79.05	1.14	5.60	0.00	13.27	5.01	1.96	9.48	0.00	0.00	0.00	36.46
29-Nov-14	30.44	0.55	0.00	0.00	4.28	0.00	0.00	33.73	68.99	0.90	5.75	0.00	16.31	2.98	1.05	9.44	2.60	0.00	0.00	39.02
30-Nov-14	28.66	0.00	0.00	0.44	0.00	0.00	10.39	35.39	74.88	0.62	5.35	0.00	17.28	3.72	2.34	9.85	1.41	0.00	0.00	40.56
Total	954.54	10.07	0.00	3.79	8.44	0.00	302.94	1446.07	2725.84	81.68	158.46	0.00	421.44	151.68	61.64	209.57	71.40	0.48	0.00	1156.35

Date	12.2 Export of NR to WR & ER during November 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 HVDC 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-Nov-14	0.00	6.01	4.41	2.40	5.11	2.88	0.00	20.81	0.00	0.00	1.87	0.00	0.00	0.00	0.00	0.00	0.90	2.77	
2-Nov-14	0.00	4.29	4.41	2.40	5.06	2.87	0.00	19.03	0.00	0.00	1.87	0.00	0.00	0.00	0.00	0.00	0.93	2.80	
3-Nov-14	0.00	7.79	4.32	2.39	4.96	1.03	0.00	20.48	0.00	0.00	1.58	0.00	0.00	0.00	0.00	0.00	0.50	2.08	
4-Nov-14	0.00	7.79	4.32	2.39	4.96	1.03	0.00	20.48	0.00	0.00	1.58	0.00	0.00	0.00	0.00	0.00	0.50	2.08	
5-Nov-14	0.00	0.00	4.32	2.39	-4.43	0.95	0.00	3.22	0.00	0.00	1.58	0.00	0.00	0.00	0.00	0.00	0.85	2.43	
6-Nov-14	0.00	9.66	3.11	2.39	4.33	0.97	0.00	20.46	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00	-0.90	0.17	
7-Nov-14	0.00	9.66	2.80	2.39	3.93	2.82	0.00	21.60	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00	-0.94	0.13	
8-Nov-14	0.00	3.57	2.20	0.47	4.87	2.58	0.00	13.68	0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.97	2.32	
9-Nov-14	0.00	0.69	2.06	0.74	4.38	2.80	0.00	10.67	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.98	2.91	
10-Nov-14	0.00	2.04	1.11	0.59	4.55	2.86	0.00	11.15	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.95	2.75	
11-Nov-14	0.00	3.79	2.25	0.00	3.87	2.47	0.00	12.38	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	-0.94	0.65	
12-Nov-14	0.00	4.91	3.78	1.79	3.86	2.50	0.00	16.84	0.00	0.00	2.17	0.00	0.00	0.00	0.00	0.00	0.85	3.01	
13-Nov-14	0.00	8.41	4.40	2.27	3.48	2.09	0.00	20.65	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.91	2.26	
14-Nov-14	0.00	9.93	2.51	0.00	4.22	0.96	0.00	17.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.86	
15-Nov-14	0.00	10.64	2.60	0.00	4.04	0.97	0.00	18.24	0.00	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.69	2.74	
16-Nov-14	0.00	11.18	3.50	0.98	3.82	2.68	0.00	22.15	0.00	0.00	3.61	0.00	0.00	0.00	0.00	0.00	0.65	4.26	
17-Nov-14	0.00	12.03	4.20	1.53	4.29	2.74	0.00	24.79	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.00	0.67	3.41	
18-Nov-14	0.00	10.78	5.07	2.30	5.05	2.71	0.00	25.92	0.12	0.00	2.57	0.00	0.00	0.00	0.00	0.00	0.79	3.48	
19-Nov-14	0.00	9.10	4.06	1.43	4.49	2.83	0.00	21.91	0.00	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.86	3.20	
20-Nov-14	0.00	7.60	4.72	2.02	4.33	2.92	0.00	21.59	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	0.86	3.48	
21-Nov-14	0.00	8.63	3.85	1.12	4.16	3.23	0.00	20.99	0.00	0.00	-2.76	0.00	0.00	0.00	0.00	0.00	0.81	-1.95	
22-Nov-14	0.00	5.27	1.50	0.00	1.42	2.85	0.00	11.04	0.00	0.00	2.84	0.00	0.00	0.00	0.00	0.00	0.81	3.64	
23-Nov-14	0.00	2.28	1.72	0.00	1.44	0.95	0.00	6.38	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.48	0.88	3.96	
24-Nov-14	0.00	5.53	2.14	0.00	3.53	3.03	0.00	14.24	0.00	0.00	2.79	0.00	0.00	0.00	0.00	0.00	0.90	3.69	
25-Nov-14	0.00	7.05	1.93	0.00	3.43	3.04	0.00	15.44	0.00	0.00	2.73	0.00	0.00	0.00	0.00	0.00	0.91	3.64	
26-Nov-14	0.00	5.53	2.14	0.00	3.53	3.03	0.00	14.24	0.00	0.00	2.79	0.00	0.00	0.00	0.00	0.00	0.90	3.69	
27-Nov-14	0.00	0.18	2.13	0.05	3.15	2.71	0.00	8.22	0.00	0.00	2.63	0.00	0.00	0.00	0.00	0.00	0.00	2.63	
28-Nov-14	0.00	6.17	1.50	0.00	2.67	2.52	0.00	12.86	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.64	2.73	
29-Nov-14	0.00	1.86	2.65	0.09	0.00	2.99	0.00	7.58	0.00	0.00	2.64	0.00	0.00	0.00	0.00	0.00	0.67	3.30	
30-Nov-14	0.00	7.31	2.00	0.00	3.31	2.94	0.00	15.56	0.00	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.71	2.86	
Total	0.00	189.68	91.68	32.12	105.80	70.93	0.00	490.22	0.12	0.00	57.21	0.00	0.00	0.00	0.00	0.48	18.15	75.96	

Date	12.3 Import - Export of ER with WR & NER during November 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 2xD/C	NER - ER 220 kV Birpara - Salakati D/C	Total NER - ER
1-Nov-14	-0.11	-0.08	-0.04	1.56	0.00	0.00	1.33	1.46	2.00	7.2	-0.01	1.19	4.01	15.89	5.36	1.76	7.12	0.00	0.00	0.00
2-Nov-14	-0.54	-0.49	-0.43	0.34	0.00	0.00	-1.11	0.93	1.09	3.9	-0.27	1.28	3.43	10.39	4.23	1.49	5.72	0.00	0.00	0.00
3-Nov-14	-0.04	-0.15	-0.19	0.70	-0.02	0.00	0.30	1.74	1.82	5.7	-0.19	0.94	3.66	13.63	4.00	1.39	5.39	0.00	0.00	0.00
4-Nov-14	-0.76	-0.65	-0.61	0.79	-0.08	0.00	-1.31	2.13	2.24	6.2	-0.08	0.72	3.10	14.35	4.92	1.61	6.53	0.00	0.00	0.00
5-Nov-14	-0.37	-0.77	-0.50	0.31	0.00	0.00	-1.34	0.36	0.68	4.3	0.00	0.97	3.36	9.66	6.01	1.63	7.64	0.00	0.00	0.00
6-Nov-14	-0.12	-0.80	-0.41	0.22	0.00	0.00	-1.12	0.49	0.68	4.4	0.00	0.83	3.17	9.55	5.43	1.63	7.06	0.00	0.00	0.00
7-Nov-14	-0.17	-0.57	-0.39	0.05	0.00	0.00	-1.08	0.34	0.64	4.0	0.00	0.91	3.26	9.16	6.31	1.74	8.05	0.00	0.00	0.00
8-Nov-14	-0.38	-0.38	-0.12	0.73	0.00	0.00	-0.15	1.13	1.30	6.0	0.00	0.75	3.26	12.38	6.60	1.83	8.44	0.00	0.00	0.00
9-Nov-14	-0.41	-0.34	-0.07	1.06	0.00	0.00	0.24	0.91	0.97	4.4	0.00	0.65	3.18	10.15	6.17	1.82	7.99	0.00	0.00	0.00
10-Nov-14	-0.50	-0.51	-0.21	1.26	0.00	0.00	0.04	1.04	1.34	6.2	0.00	0.72	2.93	12.26	5.79	1.64	7.43	0.00	0.00	0.00
11-Nov-14	-0.36	-0.58	-0.36	0.28	0.00	0.00	-1.02	0.37	0.78	6.0	0.00	0.69	2.54	10.37	6.51	1.44	7.95	0.00	0.00	0.00
12-Nov-14	-0.30	-0.55	-0.51	0.08	0.00	0.00	-1.29	0.13	0.57	5.5	-0.11	0.75	3.02	9.81	6.50	1.52	8.02	0.00	0.00	0.00
13-Nov-14	-0.10	-0.38	-0.54	0.15	0.00	0.00	-0.86	0.11	0.50	4.7	-0.48	0.88	3.20	8.87	6.40	1.34	7.74	0.00	0.00	0.00
14-Nov-14	-0.26	-0.82	-0.62	0.21	0.00	0.00	-1.50	0.39	0.45	5.1	-0.47	0.61	3.02	9.15	6.50	1.27	7.77	0.00	0.00	0.00
15-Nov-14	-0.33	-0.55	-0.20	1.09	0.00	0.00	0.01	0.56	0.38	5.1	-0.14	0.99	3.29	10.17	6.90	1.22	8.12	0.00	0.00	0.00
16-Nov-14	-0.64	-0.84	-0.05	1.77	-0.01	0.00	0.23	1.33	0.22	4.6	-0.01	0.46	3.31	9.88	5.52	1.09	6.61	0.00	0.00	0.00
17-Nov-14	-0.46	-0.84	-0.20	0.90	0.00	0.00	-0.61	1.07	0.33	6.4	-0.08	0.50	3.31	11.52	6.39	1.13	7.52	0.00	0.00	0.00
18-Nov-14	-0.38	-0.90	-0.32	0.66	-0.03	0.00	-0.97	1.06	0.38	6.9	-0.20	0.47	3.44	12.02	7.23	1.10	8.32	0.00	0.00	0.00
19-Nov-14	-0.41	-0.95	-0.29	0.64	-0.01	0.00	-1.02	0.91	0.29	6.9	-0.13	0.46	3.01	11.41	7.24	1.46	8.70	0.00	0.00	0.00
20-Nov-14	-1.44	-0.45	-0.01	2.54	0.00	0.00	0.64	0.41	0.61	9.4	0.00	0.68	3.20	14.33	8.77	1.55	10.32	0.00	0.00	0.00
21-Nov-14	-2.37	-0.25	0.00	3.58	0.00	0.00	0.96	0.04	0.28	10.1	0.00	0.65	3.14	14.21	8.10	1.43	9.53	0.00	0.00	0.00
22-Nov-14	-2.74	-0.47	-0.02	3.49	0.00	0.00	0.26	0.05	0.18	7.0	0.00	0.74	3.24	11.24	6.82	1.23	8.04	0.00	0.00	0.00
23-Nov-14	-2.31	-0.65	-0.01	3.39	-0.01	0.00	0.41	0.12	0.43	6.5	0.00	1.29	3.28	11.60	6.59	1.23	7.82	0.00	0.00	0.00
24-Nov-14	-1.96	-0.46	0.00	3.93	-0.20	0.00	1.30	0.19	0.52	8.2	-0.10	0.25	2.03	11.10	7.74	1.40	9.14	0.00	0.00	0.00
25-Nov-14	-2.67	-0.48	0.00	4.85	-0.19	0.00	1.52	0.28	0.65	8.7	-0.09	0.19	2.24	11.96	8.01	1.16	9.17	0.00	0.00	0.00
26-Nov-14	-3.76	-0.56	0.00	5.74	-0.25	0.00	1.17	0.06	0.38	9.5	-0.13	0.13	2.12	12.03	8.25	1.20	9.45	0.00	0.00	0.00
27-Nov-14	-3.59	-1.35	-0.01	4.09	-0.29	0.00	-1.14	0.00	0.07	7.3	-0.14	0.31	2.26	9.78	8.92	1.02	9.94	0.00	0.00	0.00
28-Nov-14	-5.12	-1.51	0.00	5.68	-0.03	0.00	-0.98	0.00	0.27	8.2	-0.02	0.56	2.56	11.59	8.94	0.83	9.76	0.00	0.00	0.00
29-Nov-14	-5.30	-1.52	-0.16	5.30	-0.01	0.00	-1.69	0.00	0.34	7.6	-0.02	0.94	2.45	11.26	8.22	0.79	9.01	0.00	0.00	0.00
30-Nov-14	-1.70	-0.92	-0.24	2.00	-0.03	0.00	-0.89	0.68	0.57	5.0	-0.03	0.59	1.85	8.69	6.14	0.62	6.77	0.00	0.00	0.00
Total	-39.63	-19.77	-6.50	57.39	-1.15	0.00	-9.66	18.29	20.95	190.93	-2.72	21.08	89.85	338.39	200.52	40.57	241.09	0.00	0.00	0.00

Date	12.4 Import and Export of SR with ER & WR during November 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-Nov-14	0.00	50.10	50.10	0.00	0.00	0.00	20.30	9.81	30.11	0.00	-0.28	-0.28
2-Nov-14	0.00	49.52	49.52	0.00	0.00	0.00	22.82	9.41	32.22	0.00	-0.20	-0.20
3-Nov-14	0.00	49.33	49.33	0.00	0.00	0.00	22.82	7.68	30.49	0.00	-1.32	-1.32
4-Nov-14	0.00	50.22	50.22	0.00	0.00	0.00	23.40	8.45	31.85	0.00	-1.09	-1.09
5-Nov-14	0.00	48.52	48.52	0.00	0.00	0.00	23.71	8.89	32.60	0.00	-0.07	-0.07
6-Nov-14	0.00	49.01	49.01	0.00	0.00	0.00	23.75	11.23	34.98	0.00	-0.11	-0.11
7-Nov-14	0.00	49.15	49.15	0.00	0.00	0.00	23.69	12.53	36.22	0.00	0.00	0.00
8-Nov-14	0.00	49.79	49.79	0.00	0.00	0.00	23.18	11.26	34.44	0.00	-0.06	-0.06
9-Nov-14	0.00	48.53	48.53	0.00	0.00	0.00	23.93	11.24	35.17	0.00	-0.03	-0.03
10-Nov-14	0.00	48.87	48.87	0.00	0.00	0.00	23.67	11.79	35.46	0.00	-0.02	-0.02
11-Nov-14	0.00	49.85	49.85	0.00	0.00	0.00	23.38	12.91	36.29	0.00	-0.01	-0.01
12-Nov-14	0.00	49.85	49.85	0.00	0.00	0.00	23.74	13.64	37.38	0.00	-0.01	-0.01
13-Nov-14	0.00	48.06	48.06	0.00	0.00	0.00	23.77	10.94	34.71	0.00	-0.06	-0.06
14-Nov-14	0.00	49.13	49.13	0.00	0.00	0.00	21.75	9.55	31.30	0.00	0.00	0.00
15-Nov-14	0.00	47.78	47.78	0.00	0.00	0.00	23.87	11.68	35.55	0.00	-0.02	-0.02
16-Nov-14	0.00	47.82	47.82	0.00	0.00	0.00	23.90	10.65	34.55	0.00	-0.11	-0.11
17-Nov-14	0.00	47.23	47.23	0.00	0.00	0.00	23.95	9.33	33.27	0.00	-0.28	-0.28
18-Nov-14	0.00	47.80	47.80	0.00	0.00	0.00	23.92	11.77	35.69	0.00	-0.11	-0.11
19-Nov-14	0.00	48.93	48.93	0.00	0.00	0.00	23.88	10.34	34.23	0.00	-0.01	-0.01
20-Nov-14	0.00	48.79	48.79	0.00	0.00	0.00	23.81	11.29	35.10	0.00	-0.03	-0.03
21-Nov-14	0.00	49.42	49.42	0.00	0.00	0.00	23.67	10.60	34.27	0.00	-0.34	-0.34
22-Nov-14	0.00	47.81	47.81	0.00	0.00	0.00	23.57	11.75	35.32	0.00	0.00	0.00
23-Nov-14	0.00	48.06	48.06	0.00	0.00	0.00	23.91	11.77	35.68	0.00	0.00	0.00
24-Nov-14	0.00	49.36	49.36	0.00	0.00	0.00	23.83	11.84	35.67	0.00	-0.05	-0.05
25-Nov-14	0.00	49.12	49.12	0.00	0.00	0.00	23.83	12.17	36.00	0.00	0.00	0.00
26-Nov-14	0.00	48.20	48.20	0.00	0.00	0.00	23.80	9.15	32.95	0.00	-0.02	-0.02
27-Nov-14	0.00	47.80	47.80	0.00	0.00	0.00	23.82	6.67	30.49	0.00	-0.28	-0.28
28-Nov-14	0.00	47.95	47.95	0.00	0.00	0.00	22.81	5.89	28.69	0.00	-0.20	-0.20
29-Nov-14	0.00	48.85	48.85	0.00	0.00	0.00	21.28	13.13	34.41	0.00	0.00	0.00
30-Nov-14	0.00	48.63	48.63	0.00	0.00	0.00	23.75	11.90	35.65	0.00	0.00	0.00
Total	0.00	1463.47	1463.47	0.00	0.00	0.00	701.52	319.22	1020.74	0.00	-4.71	-4.71

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

अप्रैल 2014 से नवम्बर 2014 April 2014 to November 2014

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

Transnational

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
अक्तूबर 2014 OCT 2014	607.90	-66.90	-310.50
नवम्बर 2014 NOV 2014	243.78	-75.56	-225.18
कुल Total	4759.65	-567.71	-2200.88

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

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

नवम्बर 2014 November 2014			April'14- October14	
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)
ऊ.क्षे. NR	202	1328	3636	16135
प.क्षे. WR	237	1033	1681	4688
द.क्षे. SR	256	753	1670	8040
पू.क्षे. ER	25	462	1220	6638
पूर्वात्तर क्षे. NER	13	70	165	418
कुल TOTAL	733	3646	8372	35920

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
अक्तूबर 2014 Oct 2014	2143	2800	1005	3257
नवम्बर 2014 Nov 2014	2098	2143	733	3646
कुल TOTAL	17237	19058	8064	35339

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

अनंतिम आकड़े
Provisional data
subject to change

करोड़ रु. में (RS. IN CRORES)

क्षेत्र REGION	उत्तरी क्षेत्र NORTH	पश्चिमी क्षेत्र WEST	दक्षिणी क्षेत्र SOUTH	पूर्वी क्षेत्र EAST	पूर्वात्तर क्षेत्र NORTH EAST
27/10/2014 to 02/11/2014	51.04	29.72	5.52	13.42	2.96
03/11/2014 to 09/11/2014	39.26	1.64	10.03	11.20	3.91
10/11/2014 to 16/11/2014	33.50	4.15	8.12	11.21	2.95
17/11/2014 to 23/11/2014	35.50	4.67	10.79	13.52	5.12
24/11/2014 to 30/11/2014	39.18	3.60	10.75	13.58	4.55

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

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्सचेंज के माध्यम से विनिमय - माह नवम्बर 2014

EXCHANGES

THROUGH POWER EXCHANGES - NOVEMBER 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	0.00	100.89
2	हरियाणा Haryana		20.05	96.14
3	राजस्थान Rajasthan		59.70	387.93
4	दिल्ली Delhi		26.53	42.41
5	उत्तर प्रदेश Uttar Pradesh		0.00	0.00
6	उत्तराखण्ड Uttarakhand		7.48	161.12
7	हिमाचल प्रदेश Himachal Pradesh		95.05	16.36
8	जम्मू और कश्मीर J & K		2.66	25.16
9	केंद्र शासित चंडीगढ़ UT Chandigarh		0.06	3.43
10	ए डी हाइड्रो AD Hydro		16.67	0.00
11	करचम वांगतू KW		70.43	0.00
12	श्री सीमेंट Shree Cement		15.85	0.00
13	नाथपा झाकरी Nathpa Jhakri		6.29	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		4.66	0.00
24	चमेरा-3 chamera 3		0.00	0.00
25	अदाना एचवाडासा ADANI HVDC(NDRGJ10)		0.00	0.00
26	मलाना MALANA		0.11	0.00
27	उरी-II Uri-II HEP(UR2)		0.00	0.00
28	मध्य प्रदेश MP	पश्चिमी क्षेत्र WR	38.13	74.03
29	महाराष्ट्र Maharashtra		64.20	244.95
30	गुजरात Gujarat		169.64	241.44
31	छत्तीसगढ़ Chattisgarh		226.04	0.27
32	गोवा Goa		8.09	8.47
33	दमन और दीव Daman and Diu		0.00	30.33
34	दादरा आर नगर हवेली Dadra & Nagar Haveli		0.00	0.00
35	जिंदल JD		233.48	0.00
36	लांको अमरकंटक LANCO AMK		0.00	0.00
37	आर्यन कोल ACB India Limited		19.04	0.00
38	जिंदल स्टील एंड पावर Jindal Steel and Power Ltd		162.07	0.00
39	बालको -2 Balco-II		0.00	36.69
40	स्टरलाइट Sterlite(w3rse0)		118.97	0.00
41	एमको EMCO		0.61	0.00
42	वन्दना विद्युत VANDANA VIDYUT		0.00	0.00
43	एस्सार पावर ESSAR POWER		0.00	0.00
44	एस्सार स्टील ESSAR STEEL		0.00	213.42
45	के एस के महानदी KSK Mahanadi		0.00	0.00
46	जिंदल स्टेज -II Jindal Stg-II		68.61	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		0.00	0.00
50	जे पी निग्री Jaypee Nigire		47.68	0.00

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

POWER MARKET INFORMATION (Source IEX & PXIL)

पावर एक्स्चेंज के माध्यम से विनिमय - माह नवम्बर 2014

EXCHANGES

THROUGH POWER EXCHANGES - NOVEMBER 2014

क्र. स. S. No.	क्षेत्रीय ईकाई Regional Entity	क्षेत्र Region	पावर एक्स्चेंज के माध्यम से (मि.यु. मे) Through Power Exchange in MU	
			विक्रय Sale	क्रय Purchase
51	आंध्र प्रदेश Andhra Pradesh	दक्षिणी क्षेत्र SR	15.91	41.34
52	कर्नाटक Karnataka		194.71	31.82
53	केरल Kerala		3.03	111.13
54	तमिलनाडु Tamilnadu		0.00	24.47
55	पोण्डिचेरी Pondicherry		0.00	0.00
56	गोवा Goa		0.00	0.00
57	लान्को कोंडापल्ली LANCO KONDPLY		0.00	0.00
58	सिमापुरी SIMHAPURI		3.92	0.00
59	मीनाक्षी MINAXI		17.68	0.00
60	तेलंगाना TELANGANA		26.41	54.91
61	पश्चिम बंगाल West Bengal		76.81	86.28
62	उड़ीशा Odisha		21.89	0.79
63	बिहार Bihar	0.00	46.75	
64	झारखंड Jharkhand	0.00	0.00	
65	सिक्किम Sikkim	14.36	0.00	
66	दामोदर घाटी परियोजना DVC	11.47	0.00	
67	स्टरलाइट STERLITE	0.00	0.00	
68	मैथन पावर लिमिटेड Maithon P. Ltd	पूर्वी क्षेत्र ER	11.10	0.00
69	आधुनिक पा. लिमिटेड Adhunik P.Ltd		65.71	0.00
70	चुजाचैन Chuzachen HEP		18.22	0.00
71	रंगित Rangit HEP		5.33	0.00
72	तीस्ता Teesta HEP		15.53	0.00
73	जीएमआर कमलंगा GMR Kamalanga		52.74	0.00
74	जिंदल आई पी टी एल JIPTL		0.00	0.00
75	अरुणाचल प्रदेश Arunachal Pradesh	पूर्वोत्तर क्षेत्र NER	0.25	8.28
76	असम Assam		4.09	15.44
77	मणिपुर Manipur		4.09	7.66
78	मेघालय Meghalaya		0.03	22.08
79	मिज़ोरम Mizoram		2.98	0.00
80	नागालैंड Nagaland		0.00	0.05
81	त्रिपुरा Tripura		56.20	0.00
82	अगरतला जीटीपीपी Agartala GTPP_AG0		0.00	0.00
83	कोपिलो KOPILI_KP1		0.00	0.00
84	असम जीबीपीपी Assam GBPP_KT0		0.00	0.00
85	लोकटक LOKTAK		2.07	0.00
86	रंगानदी Ranganadi		0.00	0.00
87	दोयांग Doyang		0.00	0.00
88	पलाताना Palatana	27.42	0.00	
कुल Total			2134.03	2134.03

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

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	11.25	1	2.86	3
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	4.14	4	9.1	5
5	Small Hydro	0	0	5	1
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	0	0	0	0
9	Bio-fuel cogeneration	4	1	24.19	3
	Total	19.39	6	41.15	12

RECs Issued (November 14)

Sr.No.	Non Solar	Solar	Total
1	552552	67210	619762

Redemption of REC (November 14)

Sr.No.	Non Solar	Solar	Total
1	196013	1149	197162

16. RENEWABLE ENERGY CERTIFICATE MECHANISM**MONTH:-November 2014****RE Source & Unit wise break up (Apr-14- Nov14)**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	128.11	12	121.87	23
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	99.05	61	161.9	80
5	Small Hydro	46.98	5	90.48	9
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	33.8	2	63.7	6
9	Bio-fuel cogeneration	74.56	11	37.32	5
	Total	382.5	91	475.27	123

RECs Issued (April14- November14)

Sr.No.	Non Solar	Solar	Total
1	6003393	573540	6409337

Redemption of REC (April 14 - November 14)

Sr.No.	Non Solar	Solar	Total
1	623218	49723	638668

16. RENEWABLE ENERGY CERTIFICATE MECHANISM

MONTH:-November 2014

RE Source & Unit wise break up Since Inception to November 14

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	2459.09	619	2296.05	589
2	Urban or Municipal Waste	8	1	0	0
3	Solar Thermal	3	1	0	0
4	Solar PV	550.07	262	530.78	244
5	Small Hydro	342.69	37	293.49	32
6	Others	1.67	1	1.67	1
7	Geothermal	0	0	0	0
8	Biomass	701.16	73	697.16	72
9	Bio-fuel cogeneration	816.98	93	775.38	86
	Total	4882.66	1087	4594.53	1024

RECs Issued since Inception to November 14

Sr.No.	Non Solar	Solar	Total
1	17792545	626975	18419520

Redemption of REC since Inception to November 14

Sr.No.	Non Solar	Solar	Total
1	6896731	96143	6992874

REC Closing balance as on 31.11.2014

Sr.No.	Non Solar	Solar	Total
1	10895814	530832	11426646

Major Grid Events for November,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
	Date	Time						Date	Time	
1	01.11.2014	1059 hrs	Bangladesh/ India	1) Bheramara B/B HVDC 2) 400 kV Behrampore-Bheramara-I	PGCBL/PGCIL	Due to disturbance in Bangladesh Grid,HVDC Bheramara tripped and due to DT received at Behrampore end,400 kV Behrampore-Bheramara-I tripped.	Load Loss=Nil(Indian side)	01.11.2014	2153 hrs	GI-II
2	05.11.2014	1242 hrs	NR	1). 400kV Uri-II – Uri-I ckt 2). 400kV Uri-II—Wagoora ckt 3). 400kV Uri-I—Wagoora D/C 4). 220kV Wagoora-Pampore D/C 5). 220kV Pampore-Mirbazar D/C 6). 220kV Wagoora-Zainakote D/C 7). Uri-I(2x120MW) & Uri-II (3x60MW) 8). Units at Lower Jhelum (35MW)	NHPC/PGCIL	400kV Kishenpur-New Wanpoh-Wagoora D/C was under shutdown for OPGW work of LILO portion of New Wanpoh. As reported by Mirbazar, 220kV Pampore-Mirbazar ckt-1 was already in open condition since the tripping of the same at 22:41hrs on 04-Nov-14. Due to burning of R-phase jumper of 220kV Mirbazar-Pampore ckt-2 at Mirbazar, the ckt tripped resulting in collapse of	Gen Loss=400kV Load Loss=560MW	05.11.2014	2030 hrs	GD-I
3	05.11.2014	1142 hrs	SR	1). 400kV Guttur-Jindal 2). 400kV Guttur-Narendra D/C 3). 400kV Guttur-Munirabad 4). 400kV Guttur-Kaiga D/C 5). 400kV Guttur-Hiriyur D/C 6). 400/220kV ICT-I and II at Guttur	KPTCL	While taking emergency S/D of Guttur-Hiriyur -, flash over in B-Ph CB limb resulted in tripping of both buses on LBB operation	Load Loss=Nil	05.11.2014	1432hrs	GI-II
4	05.11.2014	1032 hrs	NR	1). 400/220 kV,315 MVA ICT-I,II and III at Muzzafarnagar 2) 220 kV Muzzafarnagar-Modipuram 3)220 kV Muzzafarnagar--Nara	UPPTCL	A per reporting, Y-B phase to phase fault occurred in 220kV Muzaffarnagar-Nara line. Fault got cleared from Nara end but distance protection (REL 670) at Nara end kept hanging. As phase to phase fault i.e. backup earth fault protection for the	Load Loss=350MW	05.11.2014	1120 hrs	GD-I
5	06.11.2014	1728 hrs	ER	1)400 KV Farakka-Malda-II 2)315 MVA , 400 /220 KV ICT at Farakka 3)220kV FSTPP-Lalmatia 4)132 KV KHSTPP(NTPC)-Lalmatia	PGCIL/JSEB	400 KV Bus-II tripped at Farakka during relay retrofitting work of 400 KV Farakka-Kahalgaoon-I as reported by Farakka causing tripping of 400 KV Farakka-Malda-II and 315 MVA , 400 /220 KV ICT at Farakka. Power flow through 220kV FSTPP- it was reported that the HVDC pole	Load Loss=105 MW	06.11.2014	1810 hrs	GD-I
6	07.11.2014	1454 hrs	Bangladesh/ India	1) Bheramara B/B HVDC	PGCBL/PGCIL	tripped due to Suspected Software problem in HVDC but 400 kV Behrampore - Bheramara D/c	Load Loss=Nil(Indian side)	07.11.2014	1627 hrs	GI-II

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
	Date	Time						Date	Time	
7	07.11.2014	0237 hrs	ER	1)400kV Jeerat-Bakreswar 2)400kV Arambag-Bakreswar 3)Unit#I,II and III(3X210MW) at Bakreswar	WBSETCL	Due to LA problem in Bus reactor at Bakreswar, 400kV Bus at Bakreswar tripped.	Gen Loss=370MW	07.11.2014	0350 hrs	GD-I
8	08.11.2014	2320 hrs	ER	1)400kV Meramundali-Angul-II 2)400kV Meramundali-JSPL D/C 3)400kV Meramundali-IBTPS-I 4)400kV Meramundali-Mendhsal 5)400/220kV, 315MVA ICT-I and II at Meramundali	OPTCL	The sequence of events initiated due to occurrence of fault in 400kV Meramundali-IBTPS-I (idle charged at Meramundali) line. It was reported that for the above line, While opening of 400kV Jhakri-Karcham-I	Load Loss=Nil	09.11.2014	0400 hrs	GI-II
9	09.11.2014	2131 hrs	NR	1). 400kV Jhakri-Karcham-I 2). 400kV Jhakri-Panchkula-I 3). 400kV Jhakri-Rampur-I	PGCIL	line, due to problem In R-phase CB at Jhakri, Bus Bar protection operated and	Load Loss=Nil	10.11.2014	0707 hrs	GI-II
10	11.11.2014	0202 hrs	SR	1). 220 kV Madakathara-Lower Periyar D/C 2) 220 kV Madakathara-Pallakkad 3). 220 kV Madakathara-Areakode 4). 220 kV Madakathara-Shoranur 5). 220 kV Areakode-Vadakra 6). 220 kV Areakode-Kanhirode 7). 220 kV Areakode-Nallalam-I	KSEB	Heavy Lightning was reported near Shoranur 220 kV SS. Due to this 220 kV Shoranur - Areakode line got tripped on zone-1 distance protection and distance relay of 220 kV Areakode-Madakathara line tripped.Then 220 kV Shoranur-Madakathara line also tripped and this resulted in	Load Loss=470 MW	11.11.2014	0240 hrs	GD-I
11	11.11.2014	1143 hrs	NR	1). 400kV Agra(UP)-Agra(PG) D/C 2). 400kV Agra-Muradnagar 3). 400kV Agra-Unnao 4). 400/220kV 315MVA ICT-I and II at Agra(UP)	UPPTCL	LBB protection operated during relay testing work at Agra (UP) and all the elements given in column E tripped.	Load Loss=500MW	11.11.2014	1326 hrs	GD-I
12	13.11.2014	1246 hrs	WR	1). 400 kV Birsinghpur TPS-Vandana 2). 400 kV Birsinghpur-Katni 2 3). 400 kV Birsinghpur TPS-Damoh 2 4). 400 kV Birsinghpur TPS-Damoh 1 5). 220 kV Birsinghpur TPS-Amarnatak 1 6). 220 kV Birsinghpur TPS-Jabalpur(PG) 7). 220 kV Birsinghpur TPS-Amarnatak 2 8). 220 kV Birsinghpur TPS-Birsinghpur I/C 3 9). 220 kV Birsinghpur TPS-Birsinghpur I/C 4 10). 220 kV Birsinghpur TPS-Satna(MP) 11). 400/220kV ICT-I at Birsinghpur	MPPGCL	220 kV R Phase pole of Birsinghpur Generator 2 CB blast during synchronization of the Unit with the system.This has resulted in Bus fault in the system.It was known from MP SLDC that 220 kV Bus of Birsinghpur TPS is not having Bus bar protection while 400 kV is having the Bus bar protection. 220 kV lines started tripping on the earth fault	Gen Loss=800MW	13.11.14	1940 hrs	GD-I

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
	Date	Time						Date	Time	
13	28.11.2014	0503 hrs	ER	1). 400kV Mejia B-Maithon-I,II and III 2). Unit-8 at Mejia	DVC	Due to breaker lockout at Mejia B resulting in LBB Operation at Mejia B and DT received at Maithon end,elements given in column E tripped.	Gen Loss=385MW	28.11.2014	—	GD-I
14	29.11.2014	1527 hrs	ER	1). 400kV Mendhasal-Meramundali 2). 220kV Mendhasal-Chandaka-I,II,III and IV	OPTCL	Due to Y-Phase LA failure at Mendhasal end and delayed fault clearance thereafter caused tripping of elements given in column E.	Load Loss=160MW	29.11.14	1553 hrs	GD-I
15	29.11.2014	1528 hrs	WR	1) 220 kV Kalwa-Colorchem 2) Distribution Network of Maharashtra	MSEB	A three Phase fault near to a kalwa occurred which is a major load center in Maharashtra. Three phase fault was in 220 kV Kalwa-Colorchem line due to kite as per Maharashtra SLDC.Severe voltage Dip in all the three phase voltage of 400 kV Kalwa and near by Buses was observed. The reduction in various 400/220 kV ICT loading after the event was observed. <i>Detailed Report from concerned SLDC is awaited.</i>	Load Loss=740 MW(apprx)	29.11.2014	1548 hrs	GD-I

18. NEW ELEMENTS COMMISSIONED IN NOVEMBER-2014								
COMMISSIONING OF NEW GENERATING UNITS								
REGION	SL. NO.	CONSTITUENT	UNIT NAME	UNIT NO	CAPACITY (MW)	DATE	TIME	
WR	1	MSEB	BHUSAWAL	IV	500MW	26-Nov-14	15:26	
COMMISSIONING OF NEW TRANSMISSION LINES								
REGION	SL. NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE	TIME	
NER	1	STERLITE	BALIPARA-BONGAIGAON-III	I	400	02-Nov-14	23:03	
	2	STERLITE	BALIPARA-BONGAIGAON-IV	II	400	02-Nov-14	23:55	
NR	3	UPPCL	PANKI-BARA(LILO)	1	400	06-Nov-14	11:35	
	4	UPPCL	OBRA-BARA(LILO)	1	400	06-Nov-14	11:35	
WR	5	POWERGRID	DURG-WARDHA	II	400	11-Nov-14	21:09	
	6	BDTCL	INDORE-BHOPAL	I	765	18-Nov-14	22:48	
SR	1	POWERGRID	KURNOOL-THIRUVALLAM	I	400	27-Nov-14	02:22	
	2	POWERGRID	KURNOOL-THIRUVALLAM	II	400	27-Nov-14	02:40	
COMMISSIONING OF NEW ICTS								
REGION	SL. NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE	TIME	
			NIL					
COMMISSIONING OF BUS REACTORS								
REGION	SL.NO.	CONSTITUENT	STATION NAME	KV	CAPACITY (MVAR)	DATE	TIME	
WR	1	POWERGRID	WARDHA	765	330	01-Nov-14	19:54	
WR	1	POWERGRID	BILASPUR	765	3x80	29-Nov-14	19:15	
COMMISSIONING OF LINE REACTORS								
REGION	SL. NO.	CONSTITUENT	STATION NAME	LINE NAME	KV	CAPACITY (MVAR)	DATE	TIME
ER	1	POWERGRID	GORAKHPUR	Gorakhpur-Barh-II	400 KV	125	01-Nov-14	23:40
WR	2	POWERGRID	SATNA	Satna-Vindhyachal-1	765 KV	240	11-Nov-14	11:35
WR	3	POWERGRID	GWALIOR	Gwalior-Jaipur-II	765 KV	240	21-Nov-14	16:44
WR	4	POWERGRID	JABALPUR	Jabalpur-Dharamjaigarh-II	765 KV	240	29-Nov-14	20:59
WR	5	POWERGRID	BINA	Bina-Jabalpur-III	765 KV	240	11-Nov-14	18:08

19.विद्युत विभव रूपरेखा माह – नवम्बर 2014			VOLTAGE PROFILE - November 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	0.0%	66.2%	33.8%	425	406	418
2		कहलगाव KAHALGAON	0.0%	0.0%	100.0%	421	421	421
3		तालचर TALCHER	0.0%	100.0%	0.0%	420	410	415
4		पुर्णिया PURNEA	0.0%	82.7%	17.3%	425	401	416
5		मुजफ्फरपुर MUZAFFARPUR	0.0%	100.0%	0.0%	417	392	408
6		जमशेदपुर JAMSHEDPUR	0.0%	0.6%	99.4%	433	418	426
7		रंगाली RENGALI	0.0%	100.0%	0.0%	415	403	410
8		जेयपुर JEYPORE	0.0%	23.1%	76.9%	436	398	423
1	उत्तरी क्षेत्र NR	नल्लागढ़ NALLAGARH	0.0%	64.4%	35.6%	434	397	418
2		भिवाड़ी BHIWADI	0.0%	60.7%	39.3%	433	401	418
3		बल्लभगढ़ BALLABGARH	0.9%	57.9%	41.1%	431	377	414
4		इलाहाबाद ALLAHABAD	0.0%	89.9%	10.1%	426	405	415
5		हिसार HISSAR	0.0%	99.9%	0.1%	423	394	407
6		बवाना BAWANA	0.0%	75.8%	24.2%	427	405	416
7		कानपुर KANPUR	0.0%	98.8%	1.3%	423	399	412
8		बरसी BASSI	0.0%	88.3%	11.7%	430	391	411
9		लखनऊ LUCKNOW 765 kV	0.0%	100.0%	0.0%	777	739	756
10		मोगा MOGA	0.0%	80.9%	19.1%	425	401	414
11		रतनगढ़ RATANGARH	0.0%	94.2%	5.8%	424	397	411
1	पश्चिमी क्षेत्र WR	आसोज ASOJ	0.0%	99.9%	0.1%	421	399	412
2		इटारसी ITARSI	0.0%	100.0%	0.0%	420	389	405
3		जैतपुर JETPUR	1.6%	98.4%	0.0%	412	367	394
4		कासोर KASOR	0.0%	100.0%	0.0%	420	402	412
5		कोल्हापुर KOLHAPUR	0.0%	58.5%	41.5%	435	390	417
6		बीना BINA	0.0%	99.8%	0.2%	422	390	407
7		ग्वालियर GWALIOR	1.0%	99.0%	0.0%	418	379	397
8		रायपुर RAIPUR	0.0%	69.0%	31.0%	428	401	418
9		जबलपुर JABALPUR	0.0%	99.9%	0.1%	423	391	407
10		धुले DHULE	0.0%	76.2%	23.8%	435	381	413
1	दक्षिणी क्षेत्र SR	श्रीपेरुपुडूर SRIPERUMPUDUR	0.0%	93.4%	6.6%	423	403	415
2		नेवेली NEYVELI	0.6%	18.9%	80.5%	432	377	420
3		सेलम SALEM	0.0%	100.0%	0.0%	419	392	405
4		बंगलूरु BANGALORE	0.0%	99.9%	0.0%	421	380	399
5		होसूर HOSUR	0.0%	100.0%	0.0%	418	386	401
6		रामागुंडम RAMAGUNDAM	0.0%	100.0%	0.0%	420	406	414
7		विजयवाड़ा VIJAYAWADA	0.0%	20.6%	79.4%	431	413	423
8		तिरुवनंतपुरम TIRIVANDRUM	0.0%	100.0%	0.0%	420	393	407
9		हैदराबाद HYDERABAD	0.0%	86.3%	13.7%	426	403	415
1	पूर्वोत्तर क्षेत्र NER	मिसा MISA	0.0%	91.9%	4.3%	428	393	411
2		बलिपारा BALIPARA	0.1%	97.6%	1.5%	426	367	408
3		बोंगईगाँव BONGAIGAON	0.1%	99.8%	0.0%	420	370	403
4		हाफ्लोंग HAFLONG 132 kV	0.5%	99.0%	0.0%	136	117	129
5		आइजोल AIZWAL 132 kV	0.0%	99.9%	0.0%	135	122	129
6		कुमारघाट KUMARGHAT 132 kV	0.0%	100.0%	0.0%	135	126	131
7		इम्फाल IMPHAL 132 kV	39.9%	53.1%	0.0%	140	106	125
8		ख्लेरियट Khlieriat_PG 132 kV	0.0%	99.9%	0.0%	138	120	132

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



POWER SYSTEM OPERATION CORPORATION LIMITED

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