

# पावर सिस्टम ऑपरेशन कॉरपोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

## POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)



पंजीकृत एवं केन्द्रीय कार्यालय: बी-9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110 016  
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संदर्भ संख्या:-POSOCO/NLDC/GM/

दिनांक: 23.04.2014

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट - मार्च 2014

महोदय,

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

धन्यवाद

भवदीय

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(एस. आर. नरसिंहन)

उप महाप्रबंधक

(रा०भा०प्रे०के०)

संलग्नक: मासिक प्रणाली रिपोर्ट



# POWER SYSTEM OPERATION CORPORATION LIMITED

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पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

NATIONAL LOAD DESPATCH CENTRE –राष्ट्रीय भार प्रेषण केन्द्र

मासिक ऑपरेशन रिपोर्ट

Monthly  
Operation Report



मार्च 2014

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

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



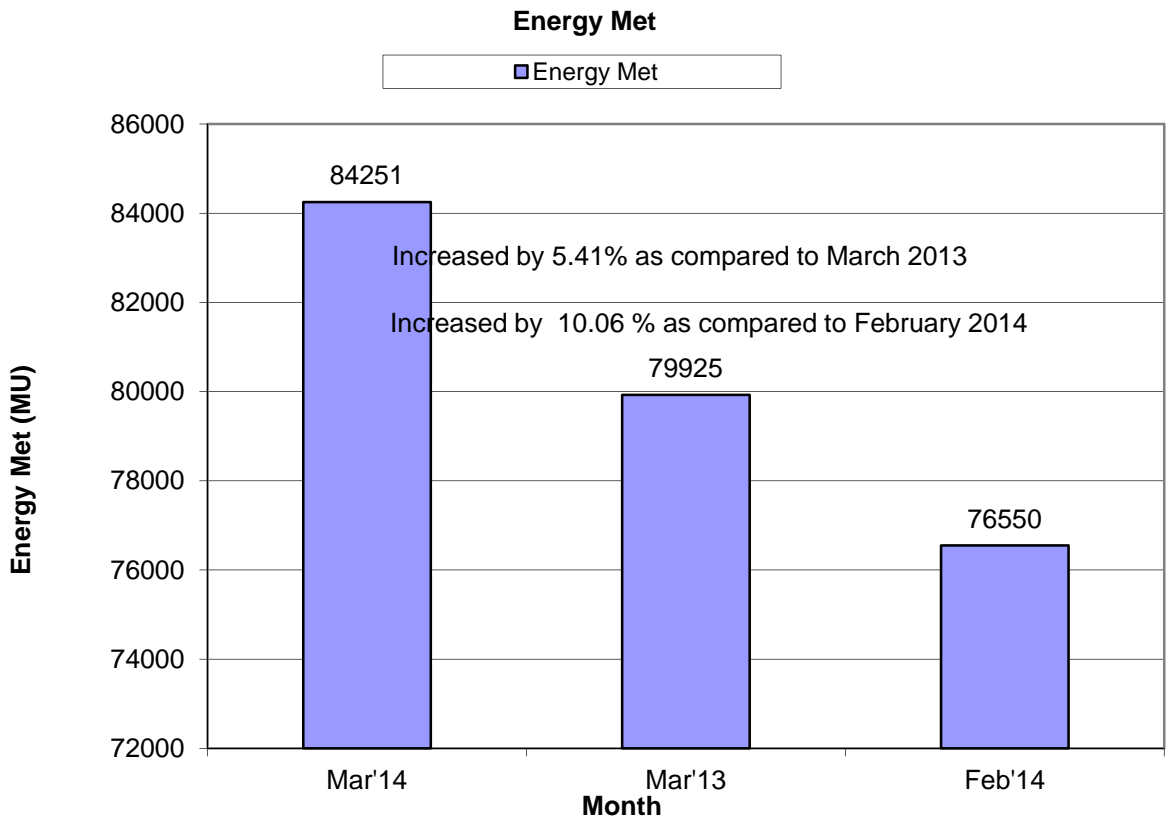
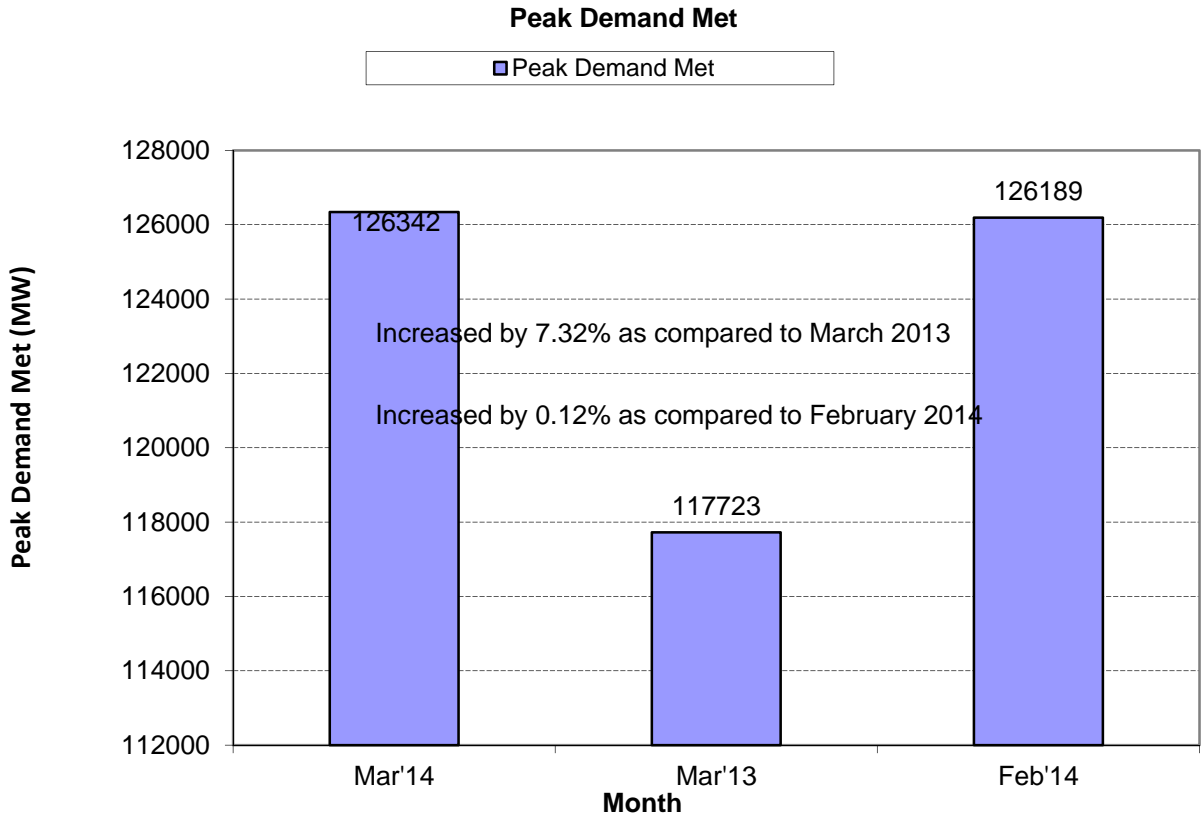
माह मार्च 2014 के लिए प्रचालन निष्पादन रिपोर्ट  
OPERATIONAL PERFORMANCE REPORT FOR THE  
MONTH OF MARCH 2014

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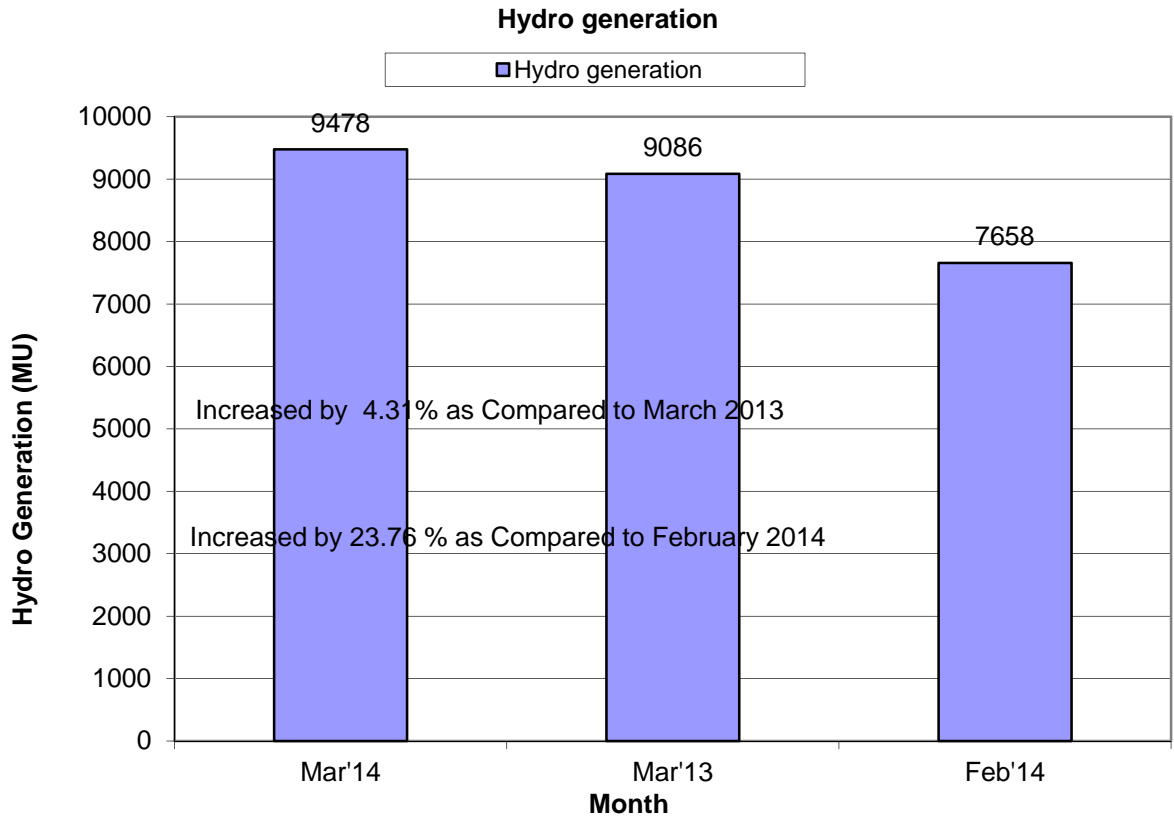
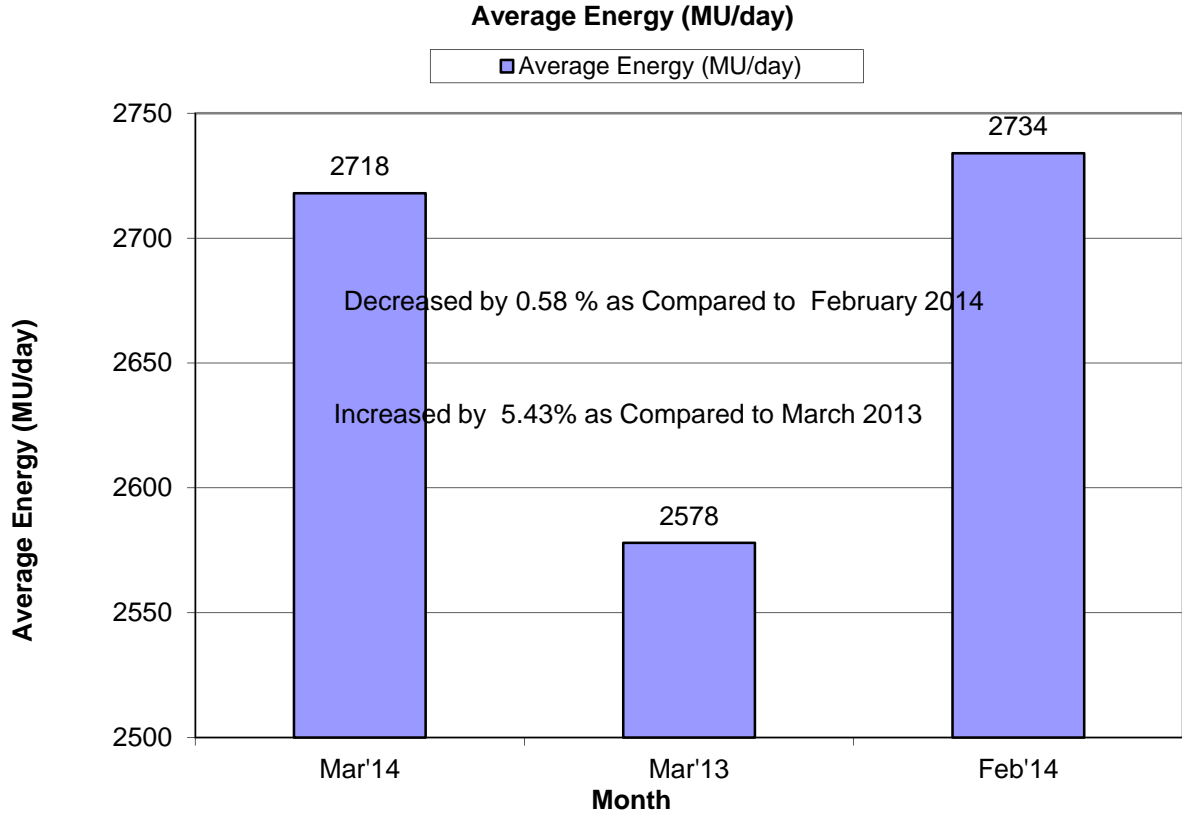
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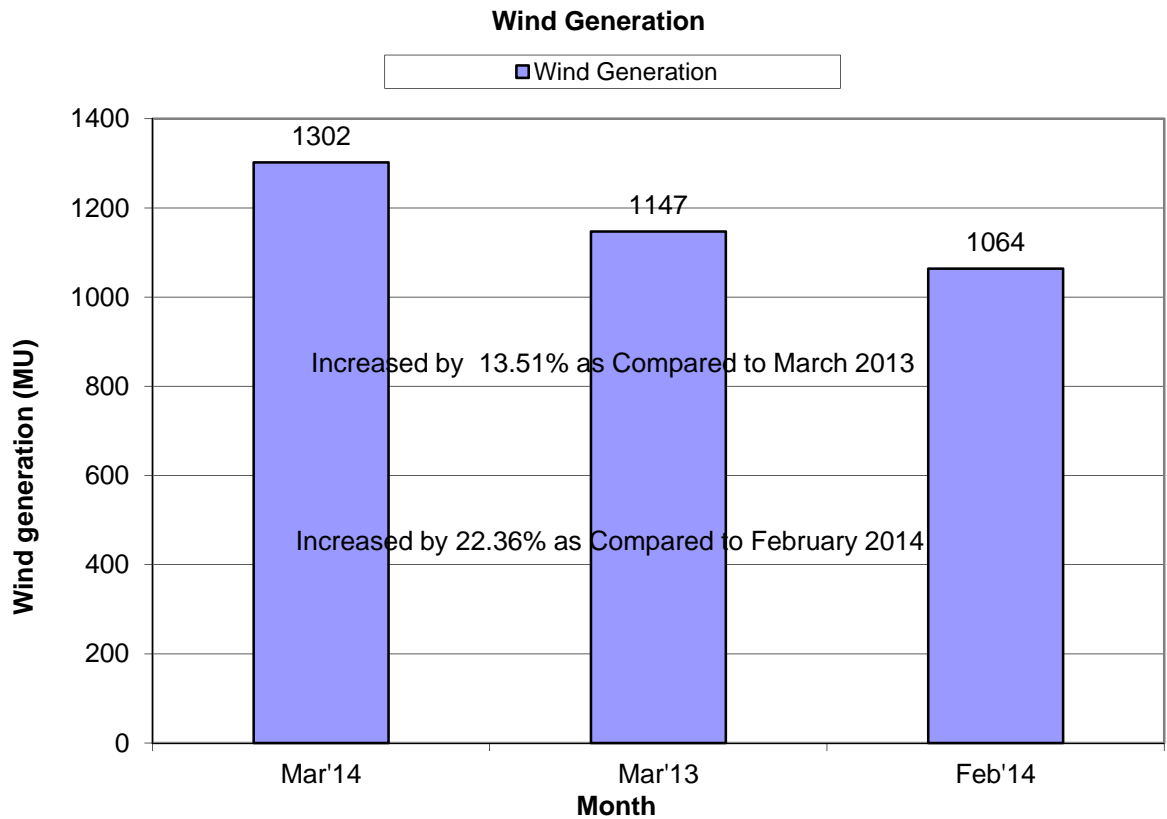
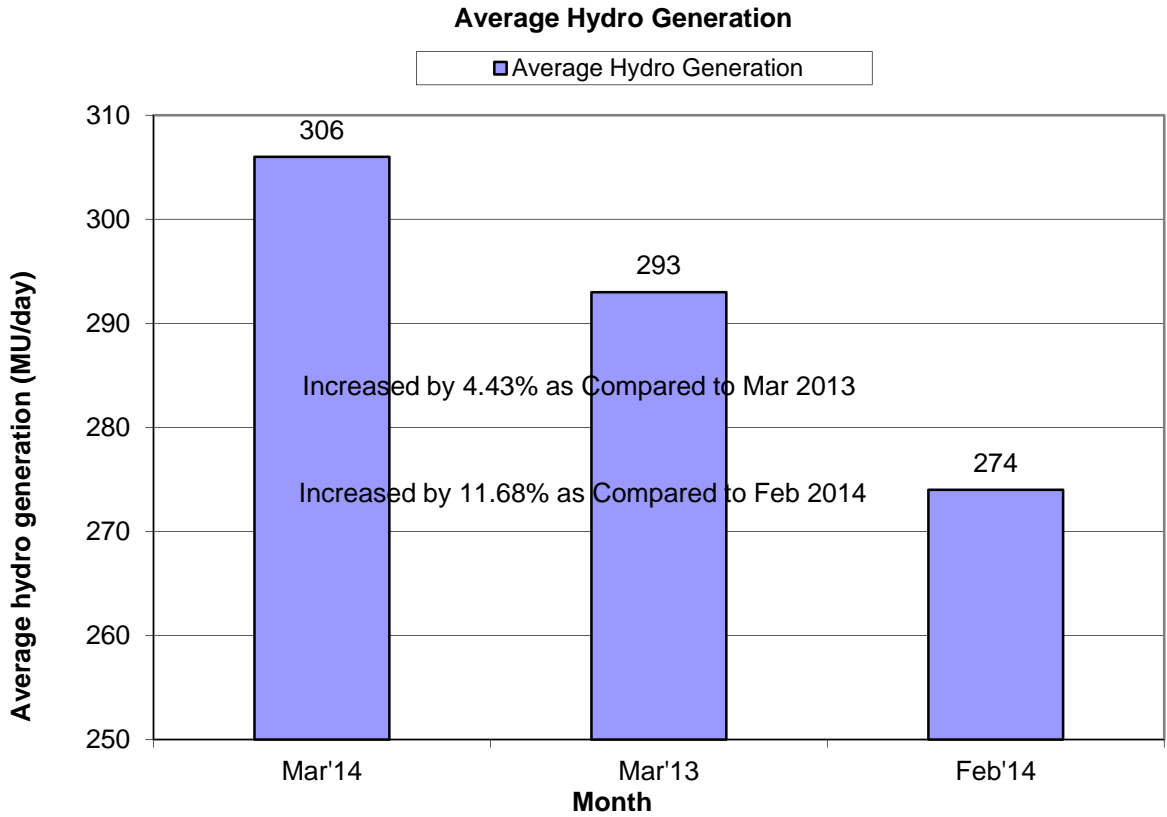
# 1. SUMMARY OF REPORT FOR THE MONTH OF MARCH 2014



# 1. SUMMARY OF REPORT FOR THE MONTH OF MARCH 2014

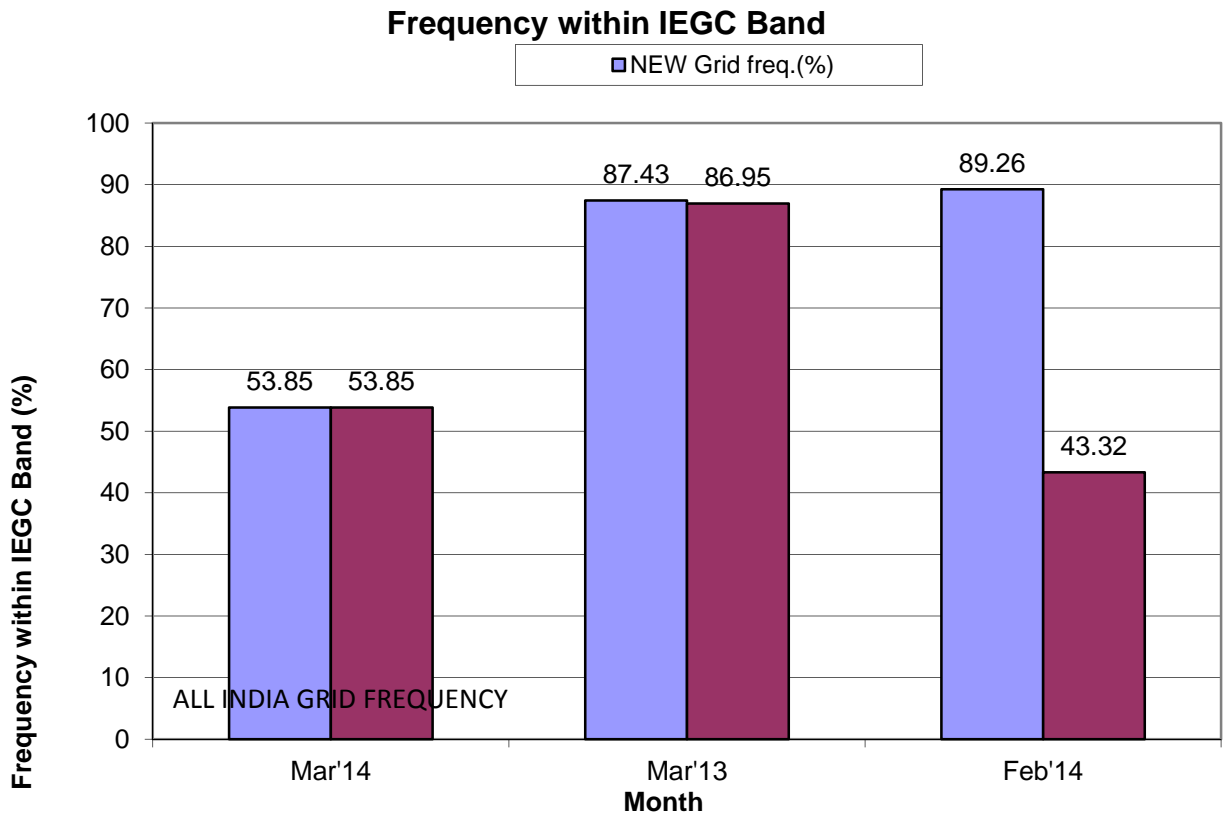
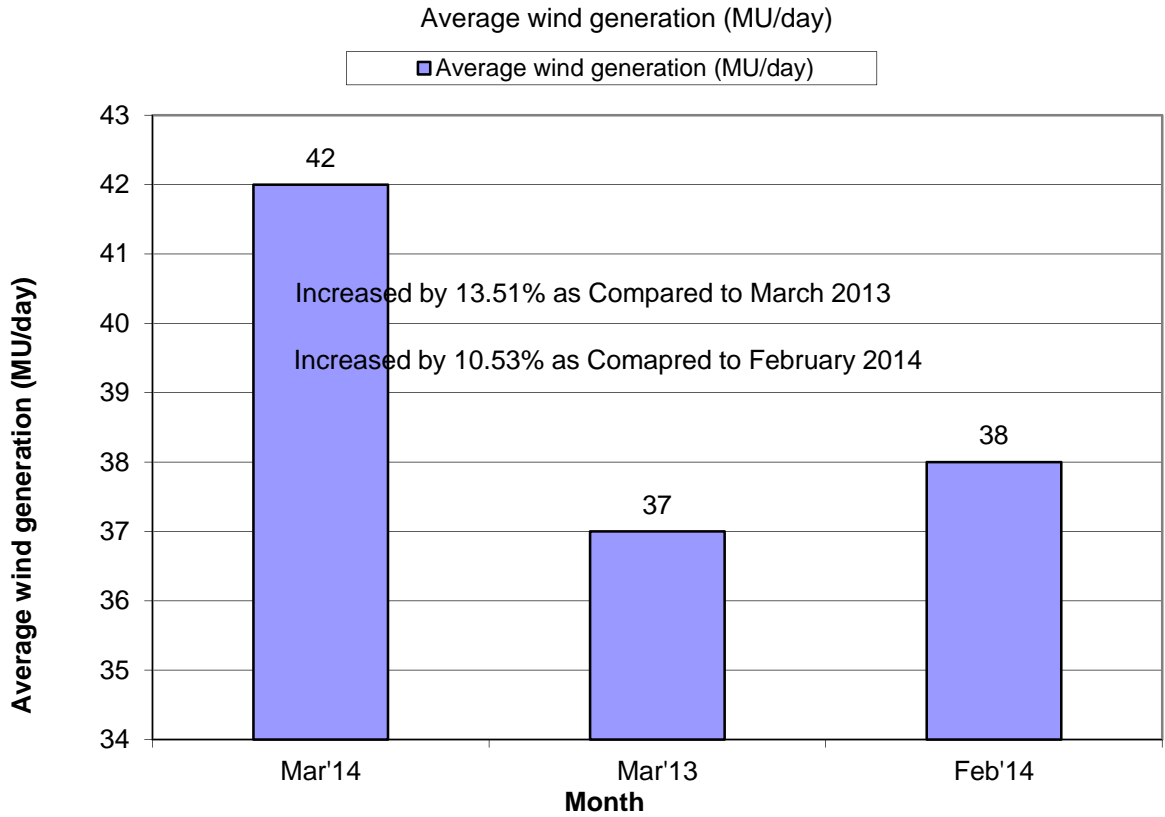


# 1. SUMMARY OF REPORT FOR THE MONTH OF MARCH 2014





# 1. SUMMARY OF REPORT FOR THE MONTH OF MARCH 2014



## 2. ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 31.03.2014  
(All figures are in MW)

SL. NO.	REGION	THERMAL				NUCLEAR	HYDRO	R.E.S. @ (MNRE)	TOTAL
		COAL	GAS	DSL	TOTAL				
1	NORTHERN	35284	5281	13	40578	1620	16331	5730	64258
2	WESTERN	58020	10139	17	68176	1840	7448	9925	87389
3	SOUTHERN	26583	4963	939	32485	1320	11398	13127	58330
4	EASTERN	25328	190	17	25535	0	4113	417	30061
5	NORTH EASTERN	60	1209	143	1411	0	1242	253	2906
6	ISLANDS	0	0	70	70	0	0	10.35	80
<b>All India</b>		<b>145273</b>	<b>21782</b>	<b>1200</b>	<b>168255</b>	<b>4780</b>	<b>40531</b>	<b>29463</b>	<b>243029</b>

Remarks: Data taken from CEA website

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

**माह:- मार्च 2014**

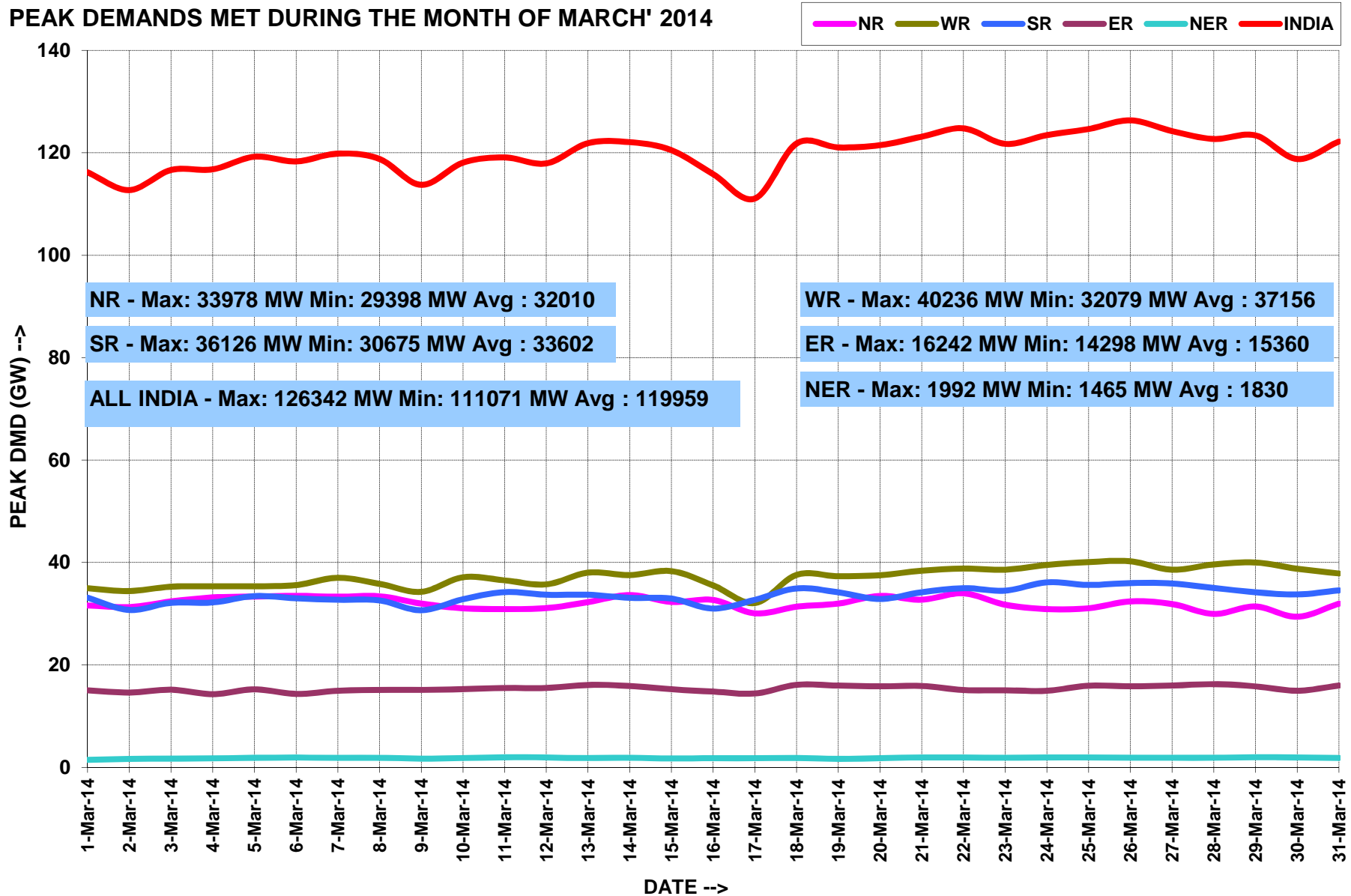
**MONTH:- March 2014**

सभी आंकड़े मेगावाट में All figures in MW

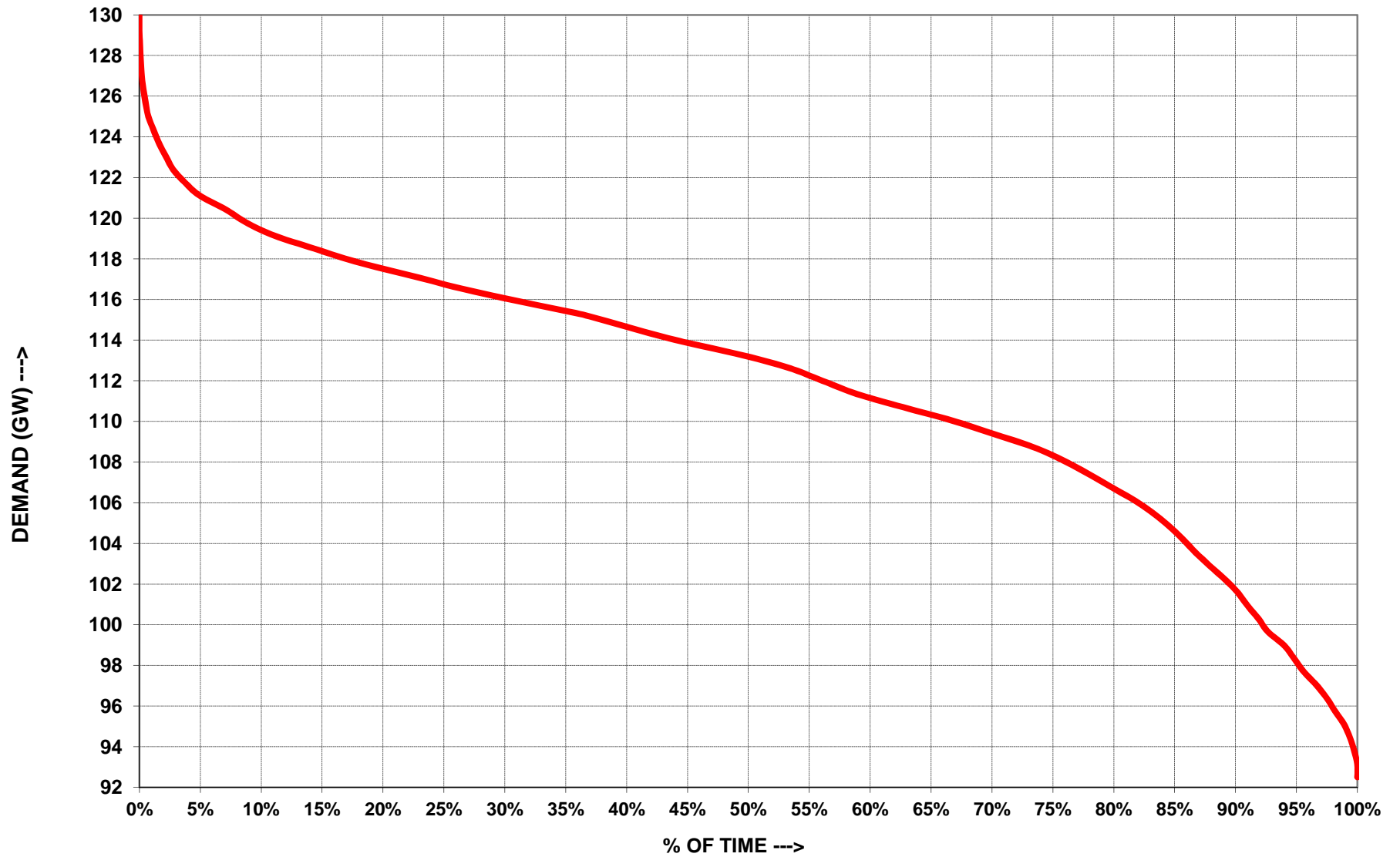
दिनांक Date	उत्तरी क्षे. NR	पश्चिमी क्षे. WR	दक्षिणी क्षे. SR	पूर्वी क्षे. ER	पूर्वोत्तर क्षे. NER	कुल TOTAL
01-Mar-14	31614	34968	33117	15050	1465	116214
02-Mar-14	31292	34431	30733	14605	1658	112719
03-Mar-14	32393	35277	32111	15161	1707	116649
04-Mar-14	33183	35354	32201	14298	1740	116776
05-Mar-14	33341	35356	33435	15231	1877	119240
06-Mar-14	33485	35581	33014	14342	1905	118327
07-Mar-14	33323	37018	32715	14948	1853	119857
08-Mar-14	33402	35827	32602	15129	1855	118815
09-Mar-14	31969	34269	30675	15132	1702	113747
10-Mar-14	31063	37117	32825	15268	1815	118088
11-Mar-14	30925	36502	34217	15492	1971	119107
12-Mar-14	31091	35727	33712	15502	1906	117938
13-Mar-14	32267	38023	33697	16084	1816	121887
14-Mar-14	33646	37551	33111	15899	1874	122081
15-Mar-14	32291	38315	32949	15242	1724	120521
16-Mar-14	32686	35526	31003	14790	1804	115809
17-Mar-14	30070	32079	32715	14412	1795	111071
18-Mar-14	31362	37589	34943	16105	1835	121834
19-Mar-14	31978	37306	34167	15961	1648	121060
20-Mar-14	33476	37528	32877	15813	1807	121501
21-Mar-14	32735	38397	34200	15902	1924	123158
22-Mar-14	33978	38805	34990	15091	1914	124778
23-Mar-14	31749	38592	34511	15035	1863	121750
24-Mar-14	30900	39533	36126	14956	1948	123463
25-Mar-14	31073	40084	35616	15941	1932	124647
26-Mar-14	32402	40236	35976	15829	1899	126342
27-Mar-14	31895	38590	35904	15965	1883	124237
28-Mar-14	29952	39628	35017	16242	1863	122702
29-Mar-14	31403	39999	34201	15806	1992	123401
30-Mar-14	29398	38777	33746	14959	1915	118795
31-Mar-14	31972	37858	34569	15969	1848	122216
उच्चतम MAXIMUM	33978	40236	36126	16242	1992	126342
निम्नतम MINIMUM	29398	32079	30675	14298	1465	111071
औसत AVERAGE	32010	37156	33602	15360	1830	119959
अब तक का उच्चतम All Time Max.	42255	40699	36126	16242	2013	128251
दिनांक Date	14.09.13	20.10.12	24.03.14	28.03.14	11.10.13	11.09.13

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

### PEAK DEMANDS MET DURING THE MONTH OF MARCH' 2014



## ALL INDIA LOAD DURATION CURVE FOR MARCH' 2014



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

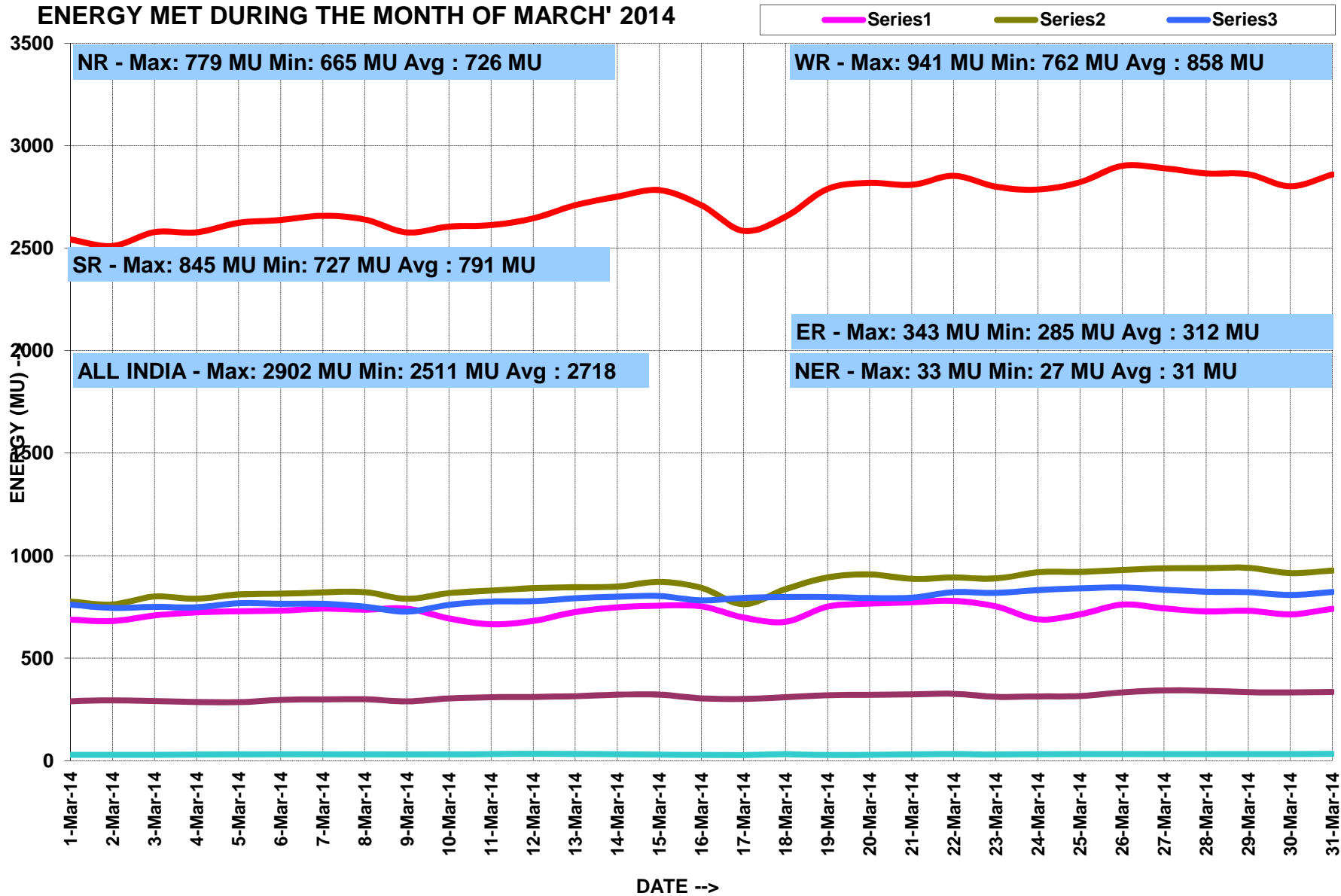
माह:- मार्च 2014

MONTH:- March 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-Mar-14	688	775	761	290	28	2542
02-Mar-14	681	762	745	294	28	2511
03-Mar-14	708	801	750	291	29	2578
04-Mar-14	723	790	748	287	29	2577
05-Mar-14	729	811	768	285	31	2623
06-Mar-14	731	814	765	296	31	2638
07-Mar-14	741	821	765	299	32	2658
08-Mar-14	737	822	751	299	30	2640
09-Mar-14	741	790	727	289	30	2577
10-Mar-14	694	818	760	304	30	2605
11-Mar-14	665	830	776	310	32	2613
12-Mar-14	681	842	778	311	33	2645
13-Mar-14	725	846	792	315	32	2710
14-Mar-14	748	849	800	322	32	2751
15-Mar-14	756	872	803	322	30	2783
16-Mar-14	753	843	782	304	27	2709
17-Mar-14	698	763	794	301	28	2584
18-Mar-14	677	837	798	310	32	2653
19-Mar-14	751	894	798	319	27	2789
20-Mar-14	766	909	793	322	29	2818
21-Mar-14	773	887	795	323	31	2809
22-Mar-14	779	894	822	326	32	2853
23-Mar-14	752	889	818	311	30	2800
24-Mar-14	689	919	832	313	32	2786
25-Mar-14	713	921	840	315	32	2822
26-Mar-14	761	930	845	333	32	2902
27-Mar-14	743	938	834	343	32	2890
28-Mar-14	728	939	824	341	33	2865
29-Mar-14	731	941	822	334	33	2861
30-Mar-14	714	915	808	333	32	2802
31-Mar-14	741	928	823	335	33	2860
<b>कुल TOTAL</b>	<b>22521</b>	<b>26587</b>	<b>24517</b>	<b>9675</b>	<b>952</b>	<b>84251</b>
<b>उच्चतम MAXIMUM</b>	<b>779</b>	<b>941</b>	<b>845</b>	<b>343</b>	<b>33</b>	<b>2902</b>
<b>निम्नतम MINIMUM</b>	<b>665</b>	<b>762</b>	<b>727</b>	<b>285</b>	<b>27</b>	<b>2511</b>
<b>औसत AVERAGE</b>	<b>726</b>	<b>858</b>	<b>791</b>	<b>312</b>	<b>31</b>	<b>2718</b>
<b>अब तक का उच्चतम All Time Max.</b>	<b>969</b>	<b>943</b>	<b>845</b>	<b>343</b>	<b>38</b>	<b>2902</b>
<b>दिनांक Date</b>	<b>12.09.13</b>	<b>05.02.14</b>	<b>26.03.14</b>	<b>27.03.14</b>	<b>22.09.13</b>	<b>26.03.14</b>

# ENERGY MET DURING THE MONTH OF MARCH' 2014



**5. मार्च 2014 के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR MAR' 2014**

**दक्षिणी क्षेत्रीय ग्रिड SR GRID**

फ़िक्वेंसी रूपरेखा (Hz)		<49.0	49.0-49.7	<49.7	49.7-50.2	>50.2	उच्चतम फ़िक्वेंसी	निम्नतम फ़िक्वेंसी	औसत फ़िक्वेंसी
% समय	Apr-13	0.00	12.00	12.00	86.1	1.91	50.81	49.27	49.84
	May-13	0.00	8.14	8.14	86.92	4.94	50.79	49.01	49.90
	Jun-13	0.01	3.59	3.60	88.14	8.26	50.71	48.84	49.97
	Jul-13	0.01	2.07	2.08	88.34	9.58	50.72	49.93	50.00
	Aug-13	0.00	2.60	2.60	84.36	13.04	50.62	49.01	50.03
	Sep-13	0.00	3.14	3.14	86.42	10.44	50.61	49.21	50.00
	Oct-13	0.00	3.50	3.50	90.3	6.20	50.53	49.2	49.97
	Nov-13	0.00	1.57	1.57	90.35	8.08	50.61	49.24	50.02
	Dec-13	0.00	1.34	1.34	86.71	11.95	50.73	49.44	50.03
	Jan-14	0.00	1.55	1.55	92.09	6.36	50.65	49.27	50.00

**एन - ई - डब्ल्यू ग्रिड NEW GRID**

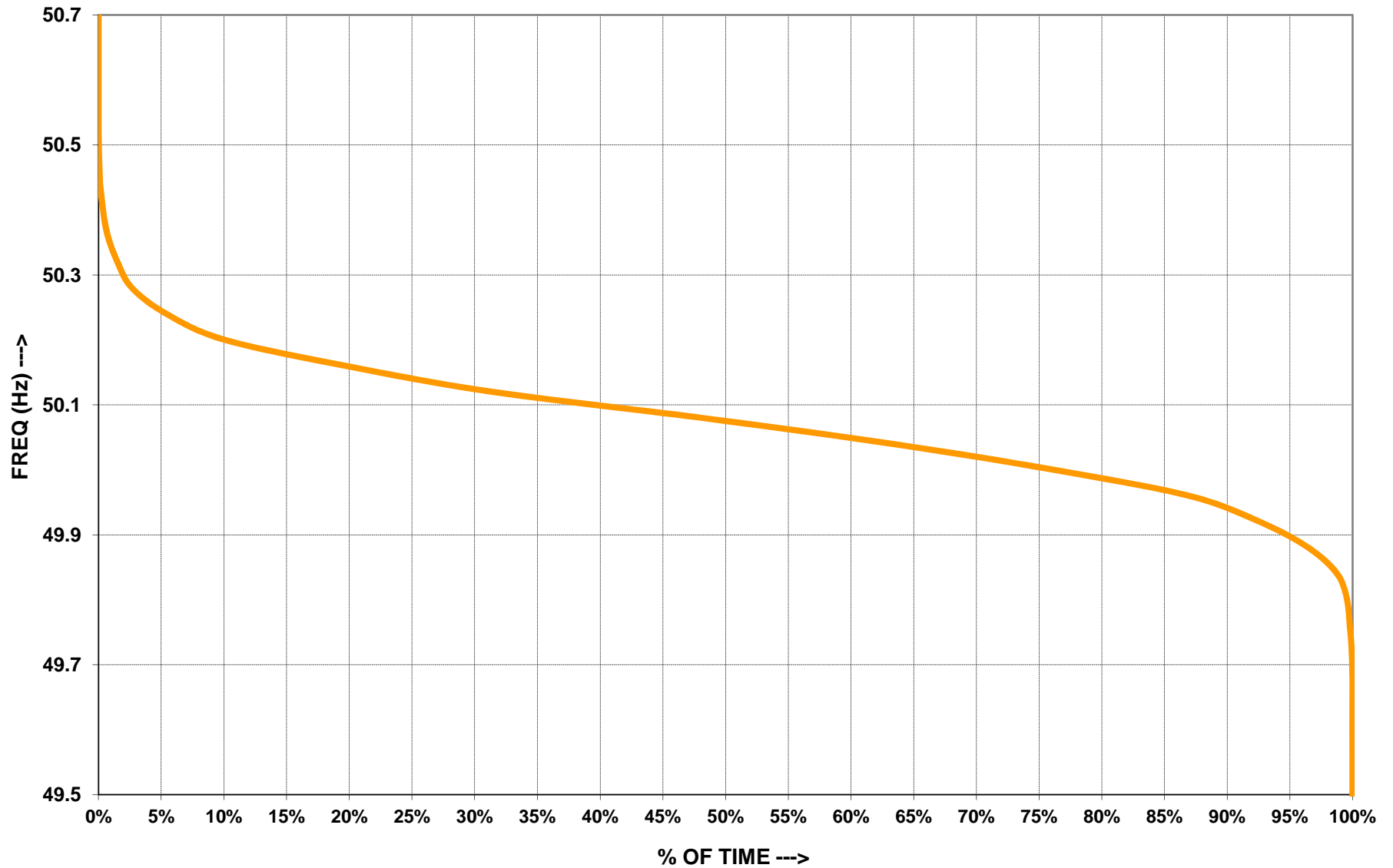
फ़िक्वेंसी रूपरेखा (Hz)		<49.0	49.0-49.7	<49.7	49.7-50.2	>50.2	उच्चतम फ़िक्वेंसी	निम्नतम फ़िक्वेंसी	औसत फ़िक्वेंसी
% समय	Apr-13	0.00	3.24	3.24	89.8	7.00	50.67	49.33	50.03
	May-13	0.00	1.00	0.96	87.05	11.99	50.94	49.25	50.05
	Jun-13	0.00	1.60	1.60	80.85	17.55	50.77	49.05	50.07
	Jul-13	0.00	0.50	0.50	84.74	14.76	50.63	49.02	50.07
	Aug-13	0.00	0.72	0.72	75.17	24.11	50.77	49.31	50.11
	Sep-13	0.00	1.51	1.51	89.24	9.25	50.62	49.21	50.02
	Oct-13	0.00	1.01	1.01	89.19	9.80	50.63	49.28	50.03
	Nov-13	0.00	1.27	1.27	90.89	7.84	50.51	49.48	50.01
	Dec-13	0.00	1.92	1.92	88.52	9.56	50.69	49.33	50.02
	Jan-14	0.00	0.62	0.62	89.92	9.46	50.67	49.4	50.03

**राष्ट्रीय ग्रिड NATIONAL GRID**

फ़िक्वेंसी रूपरेखा (Hz)		<49.0	49.0-49.7	<49.7	49.7-50.2	>50.2	उच्चतम फ़िक्वेंसी	निम्नतम फ़िक्वेंसी	औसत फ़िक्वेंसी
% समय	01 to 16 Feb 14	0.00	0.57	0.57	89.26	10.17	50.68	49.67	50.10
		<49.0	49.0-49.9	<49.9	49.9-50.05	>50.05			
	17 to 28 Feb 14	0.00	13.49	13.49	43.32	43.19	50.44	49.29	49.98
	Mar-14	0.00	20.28	20.28	53.85	23.46			



# ALL INDIA GRID FREQUENCY DURATION CURVE FOR MARCH' 2014



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

माह:- मार्च 2014

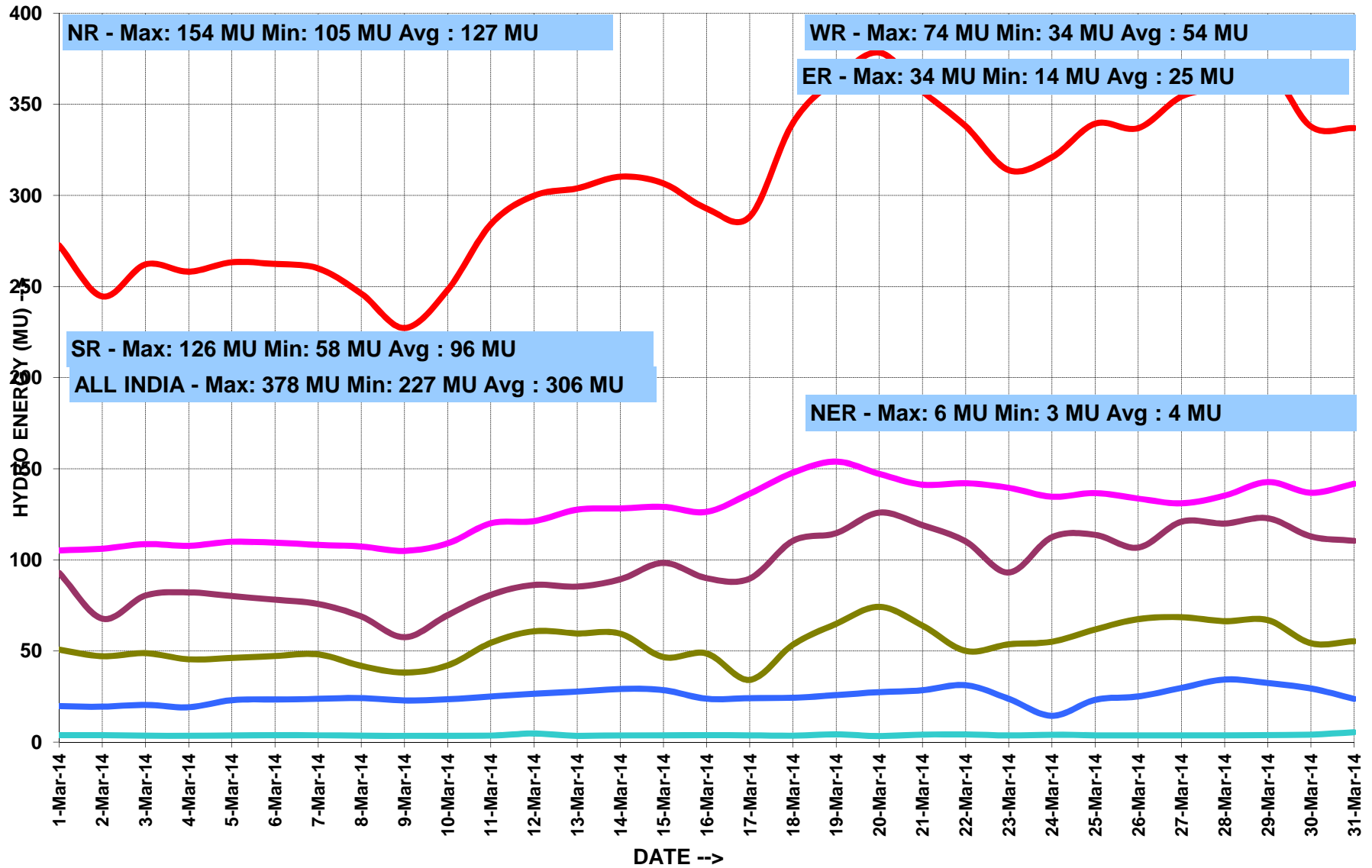
MONTH:- March 2014

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-Mar-14	105	51	93	20	4	273
02-Mar-14	106	47	68	20	4	245
03-Mar-14	109	49	81	21	4	262
04-Mar-14	108	46	82	19	4	258
05-Mar-14	110	46	80	23	4	263
06-Mar-14	110	47	78	24	4	262
07-Mar-14	108	48	76	24	4	260
08-Mar-14	107	42	69	24	4	246
09-Mar-14	105	38	58	23	4	227
10-Mar-14	109	42	70	24	4	248
11-Mar-14	120	55	81	25	4	284
12-Mar-14	121	61	86	27	5	300
13-Mar-14	128	60	85	28	4	304
14-Mar-14	128	60	89	29	4	310
15-Mar-14	129	47	98	29	4	307
16-Mar-14	126	49	90	24	4	293
17-Mar-14	136	34	90	24	4	288
18-Mar-14	148	54	111	24	4	340
19-Mar-14	154	65	115	26	4	364
20-Mar-14	147	74	126	28	3	378
21-Mar-14	141	64	119	29	4	357
22-Mar-14	142	50	110	31	4	338
23-Mar-14	140	54	93	24	4	314
24-Mar-14	135	55	113	14	4	321
25-Mar-14	137	62	114	23	4	339
26-Mar-14	134	68	107	25	4	337
27-Mar-14	131	69	121	30	4	354
28-Mar-14	135	66	120	34	4	360
29-Mar-14	143	67	123	33	4	369
30-Mar-14	137	54	113	30	4	338
31-Mar-14	142	55	111	24	6	337
<b>कुल TOTAL</b>	<b>3932</b>	<b>1678</b>	<b>2968</b>	<b>780</b>	<b>121</b>	<b>9478</b>
<b>उच्चतम MAXIMUM</b>	<b>154</b>	<b>74</b>	<b>126</b>	<b>34</b>	<b>6</b>	<b>378</b>
<b>निम्नतम MINIMUM</b>	<b>105</b>	<b>34</b>	<b>58</b>	<b>14</b>	<b>3</b>	<b>227</b>
<b>औसत AVERAGE</b>	<b>127</b>	<b>54</b>	<b>96</b>	<b>25</b>	<b>4</b>	<b>306</b>
<b>अब तक का उच्चतम All Time Max.</b>	<b>319</b>	<b>142</b>	<b>202</b>	<b>91</b>	<b>27</b>	<b>712</b>
<b>दिनांक Date</b>	<b>22.08.13</b>	<b>29.09.11</b>	<b>08.08.13</b>	<b>07.09.13</b>	<b>14.09.10</b>	<b>27.08.13</b>

# HYDRO ENERGY DURING THE MONTH OF MARCH' 2014

NR WR SR ER NER INDIA



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

माह:- मार्च 2014

MONTH:- March 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-Mar-14	1.6	11.7	8.7			22.0
02-Mar-14	4.1	11.8	10.7			26.6
03-Mar-14	7.2	14.2	10.6			32.0
04-Mar-14	7.3	16.1	10.0			33.4
05-Mar-14	7.6	20.5	13.4			41.5
06-Mar-14	8.0	21.1	10.5			39.6
07-Mar-14	5.5	21.7	17.8			45.0
08-Mar-14	4.2	20.4	23.6			48.2
09-Mar-14	5.2	13.6	24.6			43.4
10-Mar-14	10.1	10.7	14.4			35.2
11-Mar-14	5.6	10.5	30.1			46.2
12-Mar-14	9.5	16.6	29.8			55.9
13-Mar-14	10.0	29.0	35.8			74.8
14-Mar-14	2.3	18.3	31.3			51.9
15-Mar-14	3.6	11.5	25.0			40.1
16-Mar-14	4.0	13.9	30.2			48.1
17-Mar-14	16.6	20.8	21.8			59.2
18-Mar-14	4.1	14.2	25.4			43.7
19-Mar-14	4.0	9.0	16.0			29.0
20-Mar-14	4.2	14.7	8.7			27.6
21-Mar-14	9.8	35.3	9.7			54.8
22-Mar-14	6.3	22.8	10.1			39.2
23-Mar-14	8.5	15.1	9.9			33.5
24-Mar-14	7.0	17.7	9.5			34.2
25-Mar-14	4.2	15.1	16.4			35.7
26-Mar-14	5.9	14.8	31.3			52.0
27-Mar-14	6.5	20.3	17.5			44.3
28-Mar-14	4.9	18.0	12.5			35.4
29-Mar-14	5.3	16.6	17.6			39.5
30-Mar-14	7.3	20.2	14.5			42.0
31-Mar-14	5.1	26.5	16.5			48.1
<b>कुल TOTAL</b>	<b>196</b>	<b>543</b>	<b>564</b>	<b>...</b>	<b>...</b>	<b>1302</b>
<b>उच्चतम MAXIMUM</b>	<b>17</b>	<b>35</b>	<b>36</b>	<b>...</b>	<b>...</b>	<b>75</b>
<b>निम्नतम MINIMUM</b>	<b>2</b>	<b>9</b>	<b>9</b>	<b>...</b>	<b>...</b>	<b>22</b>
<b>औसत AVERAGE</b>	<b>6</b>	<b>18</b>	<b>18</b>	<b>...</b>	<b>...</b>	<b>42</b>
<b>अब तक का उच्चतम All Time Max.</b>	<b>34.9</b>	<b>83.5</b>	<b>114.8</b>	<b>...</b>	<b>...</b>	<b>223.8</b>
<b>दिनांक Date</b>	<b>12.06.12</b>	<b>03.08.12</b>	<b>14.06.13</b>	<b>...</b>	<b>...</b>	<b>03.08.12</b>

### 8. ACTUAL POWER SUPPLY POSITION - MARCH 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	Surplus(+)/ Deficit(-)	% Shortage
NR	Chandigarh	3	3	0	100	100	0	0.0	199	199	0	0.0
	Delhi	57	57	0	1777	1776	-1	-0.1	3444	3444	0	0.0
	Haryana	92	91	0	2846	2836	-11	-0.4	5395	5395	0	0.0
	H.P.	23	23	0	727	727	0	0.0	1364	1364	0	0.0
	J&K	44	36	-9	1377	1102	-275	-20.0	2450	1933	-517	-21.1
	Punjab	91	91	0	2818	2808	-10	-0.4	5455	5380	-75	-1.4
	Rajasthan	174	174	0	5401	5390	-11	-0.2	9354	9198	-156	-1.7
	U.P.	248	223	-24	7673	6923	-750	-9.8	11436	11211	-225	-2.0
	Uttarakhand	31	30	-1	966	945	-21	-2.2	1714	1714	0	0.0
	NFF/Railway	2	2	0	65	65	0	0.0	102	102	0	0.0
<b>TOTAL</b>	<b>766</b>	<b>731</b>	<b>-35</b>	<b>23751</b>	<b>22672</b>	<b>-1079</b>	<b>-4.5</b>	<b>38813</b>	<b>35829</b>	<b>-2984</b>	<b>-7.7</b>	
WR	Gujarat	252	252	0	7809	7807	-2	0.0	12087	12083	-4	0.0
	Madhya Pradesh	138	138	0	4275	4288	13	0.3	6988	7008	20	0.3
	Chhattisgarh	71	70	-1	2194	2178	-16	-0.7	3702	3448	-254	-6.9
	Maharashtra	368	362	-6	11411	11223	-188	-1.6	19586	18803	-783	-4.0
	Goa	8	8	0	259	259	0	0.0	465	465	0	0.0
	D&D	6	6	0	183	183	0	0.0	270	270	0	0.0
	DNH	14	14	0	426	425	-1	-0.2	640	640	0	0.0
	ESIL	7	7	0	222	219	-2	-1.0	618	618	0	0.0
<b>TOTAL</b>	<b>864</b>	<b>858</b>	<b>-7</b>	<b>26794</b>	<b>26587</b>	<b>-207</b>	<b>-0.8</b>	<b>42142</b>	<b>41535</b>	<b>-607</b>	<b>-1.4</b>	
SR	AP-TRANSCO	292	269	-23	9066	8353	-713	-7.9	13671	13162	-509	-3.7
	KPTCL	198	186	-13	6148	5753	-395	-6.4	9559	9168	-391	-4.1
	KSEB	66	65	0	2031	2021	-10	-0.5	3575	3588	13	0.4
	TNEB	279	264	-15	8640	8190	-450	-5.2	12969	12650	-319	-2.5
	PONDICHERRY	6	6	0	192	192	0	0.0	320	319	-1	-0.3
	<b>TOTAL</b>	<b>841</b>	<b>791</b>	<b>-51</b>	<b>26076</b>	<b>24508</b>	<b>-1568</b>	<b>-6.0</b>	<b>37831</b>	<b>36985</b>	<b>-846</b>	<b>-2.2</b>
ER	Bihar	44	42	-2	1365	1290	-75	-5.5	2750	2131	-619	-22.5
	JSEB	26	20	-6	800	609	-191	-23.9	1285	1009	-276	-21.5
	DVC	56	57	1	1735	1754	19	1.1	2800	2689	-111	-4.0
	Odisha	78	71	-7	2420	2188	-232	-9.6	3800	3802	2	0.1
	West Bengal	153	131	-21	4738	4076	-662	-14.0	8045	7646	-399	-5.0
<b>TOTAL</b>	<b>357</b>	<b>320</b>	<b>-37</b>	<b>11058</b>	<b>9917</b>	<b>-1141</b>	<b>-10.3</b>	<b>18257</b>	<b>16755</b>	<b>-1502</b>	<b>-8.2</b>	
NER	Arunachal Pradesh	2	1	0	49	46	-3	-6.2	123	122	-1	-1.2
	Assam	19	18	-1	601	560	-41	-6.8	1218	1164	-54	-4.4
	Manipur	2	2	0	50	47	-3	-6.6	134	133	-1	-1.0
	MeSEB	5	4	-1	151	130	-21	-14.1	286	278	-8	-2.8
	Mizoram	1	1	0	35	33	-2	-5.3	83	81	-2	-2.1
	Nagaland	2	1	0	48	46	-2	-4.7	100	99	-1	-0.8
	Tripura	3	3	0	92	90	-2	-2.0	245	245	0	-0.1
<b>TOTAL</b>	<b>33</b>	<b>31</b>	<b>-2</b>	<b>1026</b>	<b>951</b>	<b>-75</b>	<b>-7.3</b>	<b>2189</b>	<b>2122</b>	<b>-67</b>	<b>-3.1</b>	
<b>ALL INDIA</b>		<b>2861</b>	<b>2718</b>	<b>-131</b>	<b>88705</b>	<b>84251</b>	<b>-4070</b>	<b>-5.0</b>	<b>139232</b>	<b>126342</b>	<b>-12891</b>	<b>-9.3</b>

### 9. ENERGY COMPARISON OF MARCH 2014 Vs MARCH 2013

REGION	STATE	Energy Requirement (MU)					Energy Met (MU)				
		Mar-13	Mar-14	Difference	% Change	Average for Mar-14	Mar-13	Mar-14	Difference	% Change	Average for Mar-14
NR	Chandigarh	104	100	-4	-3	3.2	104	100	-4	-3	3.2
	Delhi	1780	1777	-3	0	57.3	1778	1776	-2	0	57.3
	Haryana	3115	2846	-269	-9	91.8	3085	2836	-249	-8	91.5
	H.P.	686	727	41	6	23.4	679	727	48	7	23.4
	J&K	1319	1377	58	4	44.4	989	1102	113	11	35.6
	Punjab	2882	2818	-64	-2	90.9	2857	2808	-49	-2	90.6
	Rajasthan	5244	5401	157	3	174.2	5234	5390	156	3	173.9
	U.P.	7694	7673	-21	0	247.5	6377	6923	546	9	223.3
	Uttarakhand	909	966	57	6	31.2	900	945	45	5	30.5
	NFF/Railway	65	65	0	1	2.1	65	65	0	1	2.1
	<b>TOTAL</b>	<b>23798</b>	<b>23751</b>	<b>-47</b>	<b>0</b>	<b>766.2</b>	<b>22069</b>	<b>22672</b>	<b>603</b>	<b>3</b>	<b>731.3</b>
WR	Gujarat	7944	7809	-135	-2	251.9	7938	7807	-131	-2	251.9
	Madhya Pradesh	4384	4275	-109	-2	137.9	4311	4288	-23	-1	138.3
	Chhattisgarh	2197	2194	-3	0	70.8	2169	2178	9	0	70.3
	Maharashtra	11239	11411	172	2	368.1	10960	11223	263	2	362.0
	Goa	250	259	9	4	8.4	250	259	9	4	8.4
	D&D	185	183	-2	-1	5.9	185	183	-2	-1	5.9
	DNH	413	426	13	3	13.7	409	425	16	4	13.7
	ESIL		222			7.1		219			7.1
	<b>TOTAL</b>	<b>26611</b>	<b>26794</b>	<b>183</b>	<b>1</b>	<b>864.3</b>	<b>26221</b>	<b>26587</b>	<b>366</b>	<b>1</b>	<b>857.7</b>
SR	AP-TRANSCO	9694	9066	-628	-6	292.5	7717	8353	636	8	269.5
	KPTCL	6381	6148	-233	-4	198.3	5248	5753	505	10	185.6
	KSEB	1886	2031	145	8	65.5	1825	2021	196	11	65.2
	TNEB	8299	8640	341	4	278.7	6699	8190	1491	22	264.2
	PONDY	193	192	-1	-1	6.2	192	192	0	0	6.2
		<b>TOTAL</b>	<b>26452</b>	<b>26076</b>	<b>-376</b>	<b>-1</b>	<b>841.2</b>	<b>21681</b>	<b>24508</b>	<b>2827</b>	<b>13</b>
ER	Bihar	1300	1365	65	5	44.0	1043	1290	247	24	41.6
	JSEB	730	800	70	10	25.8	624	609	-15	-2	19.6
	DVC	1625	1735	110	7	56.0	1735	1754	19	1	56.6
	Odisha	2280	2420	140	6	78.1	2129	2188	59	3	70.6
	West Bengal	4443	4738	295	7	152.8	4051	4076	25	1	131.5
	<b>TOTAL</b>	<b>10378</b>	<b>11058</b>	<b>680</b>	<b>7</b>	<b>356.7</b>	<b>9582</b>	<b>9917</b>	<b>335</b>	<b>3</b>	<b>319.9</b>
NER	Arunachal Pradesh	37	49	12	33	1.6	35	46	11	31	1.5
	Assam	524	601	77	15	19.4	470	560	90	19	18.1
	Manipur	42	50	8	20	1.6	39	47	8	20	1.5
	MeSEB	159	151	-8	-5	4.9	146	130	-16	-11	4.2
	Mizoram	34	35	1	2	1.1	32	33	1	2	1.1
	Nagaland	44	48	4	10	1.6	42	46	4	10	1.5
	Tripura	102	92	-10	-10	3.0	96	90	-6	-7	2.9
	<b>TOTAL</b>	<b>942</b>	<b>1026</b>	<b>84</b>	<b>9</b>	<b>33.1</b>	<b>859</b>	<b>951</b>	<b>92</b>	<b>11</b>	<b>30.7</b>
<b>ALL INDIA</b>		<b>88181</b>	<b>88705</b>	<b>524</b>	<b>1</b>	<b>2861.4</b>	<b>80412</b>	<b>84251</b>	<b>4223</b>	<b>5</b>	<b>2717.8</b>

**10. DEMAND COMPARISON OF MARCH 2014 Vs MARCH 2013**

REGION	STATE	Peak Requirement (MW)				Peak Met (MW)			
		Mar-13	Mar-14	Difference	% Change	Mar-13	Mar-14	Difference	% Change
NR	Chandigarh	207	199	-8	-3.9	207	199	-8	-3.9
	Delhi	3226	3444	218	6.8	3226	3444	218	6.8
	Haryana	5754	5395	-359	-6.2	5554	5395	-159	-2.9
	H.P.	1295	1364	69	5.3	1295	1364	69	5.3
	J&K	2245	2450	205	9.1	1683	1933	250	14.9
	Punjab	5264	5455	191	3.6	5264	5380	116	2.2
	Rajasthan	8433	9354	921	10.9	8433	9198	765	9.1
	U.P.	12655	11436	-1219	-9.6	10745	11211	466	4.3
	Uttarakhand	1587	1714	127	8.0	1587	1714	127	8.0
	NFF/Railway	98	102	4	4.1	98	102	4	4.1
	<b>TOTAL</b>	<b>36826</b>	<b>38813</b>	<b>1987</b>	<b>5.4</b>	<b>34581</b>	<b>35829</b>	<b>1248</b>	<b>3.6</b>
WR	Gujarat	11922	12087	165	1.4	11909	12083	174	1.5
	Madhya Pradesh	8385	6988	-1397	-16.7	8382	7008	-1374	-16.4
	Chhattisgarh	3357	3702	345	10.3	3239	3448	209	6.5
	Maharashtra	18006	19586	1580	8.8	17165	18803	1638	9.5
	Goa	450	465	15	3.3	449	465	16	3.6
	D&D	279	270	-9	-3.2	278	270	-8	-2.9
	DNH	653	640	-13	-2.0	652	640	-12	-1.8
	ESIL		618				618		
	<b>TOTAL</b>	<b>40285</b>	<b>42142</b>	<b>1857</b>	<b>4.6</b>	<b>39856</b>	<b>41535</b>	<b>1679</b>	<b>4.2</b>
SR	AP-TRANSCO	13761	13671	-90	-0.7	11630	13162	1532	13.2
	KPTCL	8985	9559	574	6.4	8096	9168	1072	13.2
	KSEB	3407	3575	168	4.9	3237	3588	351	10.8
	TNEB	12665	12969	304	2.4	10783	12650	1867	17.3
	PONDY	320	320	0	0.0	318	319	1	0.3
		<b>TOTAL</b>	<b>38627</b>	<b>37831</b>	<b>-796</b>	<b>-2.1</b>	<b>32428</b>	<b>36985</b>	<b>4557</b>
ER	Bihar	2500	2750	250	10.0	1590	2131	541	34.0
	JSEB	1260	1285	25	2.0	1045	1009	-36	-3.4
	DVC	2625	2800	175	6.7	2625	2689	64	2.4
	Odisha	3700	3800	100	2.7	3683	3802	119	3.2
	West Bengal	7194	8045	851	11.8	7285	7646	361	5.0
		<b>TOTAL</b>	<b>16892</b>	<b>18257</b>	<b>1365</b>	<b>8.1</b>	<b>15401</b>	<b>16755</b>	<b>1354</b>
NER	Arunachal Pradesh	105	123	18	17.6	104	122	18	17.3
	Assam	1119	1218	99	8.8	1023	1164	141	13.8
	Manipur	110	134	24	22.2	108	133	25	23.1
	MeSEB	334	286	-48	-14.4	320	278	-42	-13.1
	Mizoram	68	83	15	21.7	67	81	14	20.9
	Nagaland	98	100	2	1.9	96	99	3	3.1
	Tripura	215	245	30	14.1	214	245	31	14.5
		<b>TOTAL</b>	<b>2048</b>	<b>2189</b>	<b>141</b>	<b>6.9</b>	<b>1932</b>	<b>2122</b>	<b>190</b>
<b>ALL INDIA</b>		<b>134678</b>	<b>139232</b>	<b>4554</b>	<b>3.4</b>	<b>117723</b>	<b>126342</b>	<b>8619</b>	<b>7</b>

**11. SCHEDULE AND DRAWAL OF CONSTITUENTS - MARCH 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	103	105	2.3	2.2	3.3	3.8	0.4
	Delhi	1282	1265	-17.3	-1.4	41.4	45.2	3.8
	Haryana	1811	1908	97.0	5.4	58.4	68.1	9.7
	H.P.	489	491	2.8	0.6	15.8	17.5	1.8
	J&K	824	824	-0.4	-0.1	26.6	29.4	2.8
	Punjab	1288	1297	8.8	0.7	41.6	46.3	4.8
	Rajasthan	1963	1928	-35.2	-1.8	63.3	68.8	5.5
	U.P.	2887	2866	-20.8	-0.7	93.1	102.4	9.2
	Uttarakhand	630	653	23.4	3.7	20.3	23.3	3.0
	NFF/Railway	51	70	19.6	38.6	1.6	2.5	0.9
WR	Gujarat	1934	1884	-49.2	-2.5	62.4	67.3	4.9
	Madhya Pradesh	2032	2013	-18.0	-0.9	65.5	71.9	6.4
	Maharashtra	3342	3415	72.7	2.2	107.8	122.0	14.1
	Chhattisgarh	559	582	22.6	4.0	18.0	20.8	2.7
	Goa	230	238	7.4	3.2	7.4	8.5	1.1
	D&D	174	183	9.2	5.3	5.6	6.5	0.9
	D&NH	424	425	0.9	0.2	13.7	15.2	1.5
	ESIL	352	350	-1.2	-0.3	11.3	12.5	1.2
SR	APTRANSCO	2903	3027	124.6	4.3	93.6	108.1	14.5
	KPTCL	698	732	33.8	4.8	22.5	26.1	3.6
	KSEB	971	1020	49.2	5.1	31.3	36.4	5.1
	TNEB	2842	2859	17.5	0.6	91.7	102.1	10.4
	PONDICHERRY	194	192	-2.3	-1.2	6.3	6.8	0.6
	Goa(SR)	65	60	-5.1	-7.7	2.1	2.2	0.0
ER	Bihar	1173	1186	12.9	1.1	37.8	42.3	4.5
	JSEB	334	324	-10.4	-3.1	10.8	11.6	0.8
	DVC	-457	-476	-18.3	4.0	-14.8	-17.0	-2.2
	GRIDCO	425	444	19.7	4.6	13.7	15.9	2.2
	WBSEB	971	1044	73.1	7.5	31.3	37.3	6.0
	Sikkim	43	34	-9.0	-21.0	1.4	1.2	-0.2
NER	Arunachal Pradesh	41	55	14.2	34.8	1.3	2.0	0.6
	Assam	372	375	3.3	0.9	12.0	13.4	1.4
	Manipur	46	48	2.2	4.8	1.5	1.7	0.2
	MeSEB	94	107	13.2	14.1	3.0	3.8	0.8
	Mizoram	29	34	4.4	15.0	0.9	1.2	0.3
	Nagaland	45	47	2.2	4.9	1.4	1.7	0.2
	Tripura	7	20	12.8	173.5	0.2	0.7	0.5



12. अंतर-क्षेत्रीय विद्युत विनिमय(2013-14)

Inter-Regional Exchanges (2013-2014)

सभी आंकड़े मिलियन यूनिट्स में All figures in Mus

अंतरिम आंकड़े Provisional data - subject to change

		Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Total FINANCIAL YEAR 2013-14 (till Mar'14)	
*	प.क्षे. से	एचवीडीसी विंध्याचल बैक टू बैक HVDC Vindhyachal B/B	40.73	58.17	180.29	196.13	79.75	234.93	78.04	2.72	29.10	150.95	207.81	261.30	1519.91
	उ.क्षे.	एचवीडीसी मुन्द्रा - महेन्द्रगढ़ HVDC Mundra-M'garh	855.76	969.50	889.97	888.94	788.77	818.55	1076.49	935.09	1084.81	1310.87	1322.32	1397.92	12338.99
	WR-NR	220 कि.वो. औरैया - मालनपुर+ मेहगाँव 220KV Aur.-Mal.+ Mehgaon	0.00	0.00	0.00	0.89	0.26	0.74	0.00	0.00	0.00	0.00	0.00	0.00	1.90
		220 कि.वो. कोटा/मोड़क - बदोद 220KV Kota/Morak-Badod	0.00	0.00	3.31	8.53	4.73	13.96	20.99	0.00	0.00	0.00	2.67	1.68	55.88
		765कि.वो. आगरा - ग्वालियर दु.प. 765KV Agra-Gwalior D/C	515.57	721.15	990.17	1025.26	790.69	923.43	833.47	465.41	837.74	1012.75	936.38	1043.65	10095.67
		400 कि.वो. जेरदा - कांकरोली 400KV Zerda - Kankroli	0.00	0.00	1.31	3.16	0.00	7.62	4.56	0.00	0.12	0.00	5.04	0.00	21.81
		400 कि.वो. जेरदा - भिनमाल 400KV Zerda - Bhinmal	0.00	0.00	2.86	5.40	0.22	22.63	28.06	8.40	25.48	17.11	59.14	2.48	171.77
		Total WR-NR	1412.06	1748.82	2067.91	2128.30	1664.41	2021.86	2041.61	1411.62	1977.25	2491.68	2533.36	2707.03	24205.92
*		एचवीडीसी सासाराम बैक टू बैक HVDC Sasaram B/B (Bypass wef 1 DEC'08)	95.68	31.96	59.41	45.76	54.01	52.56	46.50	103.16	80.94	168.03	122.89	215.16	1076.05
	ER-NR	765 कि.वो. गया - फतेहपुर 765 kV Gaya - Fatehpur	25.30	74.53	64.51	46.91	27.80	124.14	164.54	142.34	102.22	34.88	20.15	0.85	828.16
		765 कि.वो. सासाराम- फतेहपुर 765 kV Sasaram - Fatehpur					83.63	0.00	0.00	0.00	95.46	122.43	99.85	10.57	411.94
		400 कि.वो. मुजफ्फरपुर - गोरखपुर दु.प. 400KV Mzp-Gkp D/C	102.27	434.16	502.81	490.95	409.41	532.41	520.33	400.20	242.82	193.69	114.10	94.16	4037.31
		220/132 कि.वो. लाईन 220/132kV Lines	85.99	109.72	105.98	110.23	100.33	106.23	86.27	87.08	98.53	107.42	91.03	97.72	1186.53
		400 कि.वो. पटना - बलिया 2x दु.प. 400KV Patna-Balia 2xD/C	213.17	412.30	448.89	369.45	274.21	472.54	356.21	389.92	425.51	358.48	328.62	298.61	4347.91
		400 कि.वो. पुसौली - बलिया 400kV Pusauli- Balia	1.05	21.86	8.01	4.78	5.49	47.78	34.05	33.74	8.13	1.97	0.91	0.70	168.46
		400 कि.वो. बिहारशरीफ - बलिया दु.प. 400KV Biharshariff-Balia D/C	82.16	211.68	217.12	221.54	164.94	367.15	295.96	266.26	185.10	178.45	164.08	145.08	2499.52
		Total ER-NR	605.62	1296.21	1406.72	1289.61	1119.84	1702.81	1503.86	1422.68	1238.71	1165.35	941.63	862.85	14555.89
*	उ.क्षे. से	एचवीडीसी विंध्याचल बैक टू बैक HVDC Vindhyachal B/B	59.40	76.94	29.58	27.87	119.80	29.35	65.95	236.60	99.44	50.29	22.50	11.68	829.39
	प.क्षे.	220 कि.वो. औरैया - मालनपुर+ मेहगाँव 220KV Aur.-Mal.+ Mehgaon	51.34	34.57	29.67	34.46	38.02	39.57	50.34	90.89	112.30	62.71	50.22	52.78	646.87
	NR-WR	220 कि.वो. कोटा/मोड़क - बदोद 220KV Kota/Morak-Badod	89.42	69.45	22.79	19.54	26.54	12.34	27.21	92.52	93.84	65.59	19.94	74.35	613.52
		765 कि.वो. आगरा - ग्वालियर दु.प. 765KV Agra-Gwalior D/C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		400 कि.वो. जेरदा - कांकरोली 400KV Zerda - Kankroli	132.00	119.55	83.03	50.98	114.31	52.14	36.41	111.85	58.00	82.78	42.60	170.52	1054.16
		400 कि.वो. जेरदा - भिनमाल 400KV Zerda - Bhinmal	90.16	84.41	69.87	41.31	87.11	33.99	7.15	40.39	7.18	18.34	2.96	80.92	563.79
		Total NR-WR	422.32	384.92	234.94	174.16	385.77	167.39	187.06	572.25	370.76	279.71	138.22	390.25	3707.74
	उ.क्षे. से	220/132 कि.वो. लाईन 220/132kV Lines	25.40	23.18	23.18	23.18	23.64	23.08	19.60	19.60	19.60	19.68	19.68	11.77	251.59
	प.क्षे.	400 कि.वो. मुजफ्फरपुर - गोरखपुर दु.प. 400KV Mzp-Gkp D/C	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14
	NR-ER	765 कि.वो. गया - फतेहपुर 765 kV Gaya - Fatehpur	6.43	0.07	0.75	0.00	5.61	0.00	0.00	0.00	0.00	4.06	2.53	32.85	52.30
		765 कि.वो. सासाराम- फतेहपुर 765 kV Sasaram - Fatehpur					0.86	0.00	0.00	0.00	0.00	3.87	0.00	18.57	23.30
		एचवीडीसी सासाराम बैक टू बैक HVDC Sasaram B/B (Bypass wef 1 DEC'08)	28.32	77.85	88.05	136.14	97.78	45.75	50.69	45.00	90.49	57.46	79.63	6.57	803.73
		400 कि.वो. पटना - बलिया 2x दु.प. 400KV Patna-Balia 2xD/C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		400 कि.वो. पुसौली - बलिया 400kV Pusauli- Balia	55.85	13.45	18.58	19.62	24.13	1.40	0.07	3.00	22.94	34.77	28.70	46.83	269.34
		400 कि.वो. बिहारशरीफ - बलिया दु.प. 400KV Biharshariff-Balia D/C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Total NR-ER	117.14	114.55	130.56	178.94	152.02	70.23	70.36	67.59	133.03	119.84	130.54	116.59	1401.39
*	NR-Nepal	उत्तरी क्षेत्र - नेपाल	18.43	11.30	11.30	11.30	5.80	7.33	1.16	1.16	1.16	25.40	25.40	23.00	142.74
**	ER-SR	एचवीडीसी गजुवाका बैक टू बैक HVDC-Gaz. B/B	275.20	365.04	325.98	427.93	369.32	322.29	380.31	415.23	437.07	413.86	433.60	572.77	4738.60
		एचवीडीसी तालचर - कोलार HVDC-Talchar-Kolar	1257.13	1376.83	1259.09	1294.91	1277.57	1179.02	1288.61	1422.77	1414.95	1207.61	1058.92	1296.93	15334.34
**	SR-ER	एचवीडीसी गजुवाका बैक टू बैक HVDC-Gaz. B/B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
***	ER-WR	एसी लिंक्स AC links	299.00	544.00	233.00	30.00	37.00	289.00	359.00	479.00	187.52	112.00	114.00	146.99	2830.51
***	WR-ER	एसी लिंक्स AC links	18.00	4.00	25.00	174.00	136.00	43.00	16.00	14.00	141.48	159.00	100.00	310.30	1140.78
***	ER-NER	एसी लिंक्स AC links	306.00	93.00	189.00	128.00	182.00	145.00	131.00	209.00	291.66	207.00	201.00	261.95	2344.61
***	NER-ER	एसी लिंक्स AC links	0.00	32.00	16.00	12.00	8.00	8.00	15.00	3.00	0.00	0.00	0.00	0.00	94.00
**	SR-WR	765 कि.वो. रायचूर - शोलपुर 765 kv Raichur - Sholpur									7.14	7.91	30.97	46.02	
**	WR-SR	765 कि.वो. रायचूर - शोलपुर 765 kv Raichur - Sholpur									9.48	14.70	80.71	104.89	
**	SR-WR	एचवीडीसी चंद्रपुर बैक टू बैक Chandrapur HVDC B/B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
**	WR-SR	एचवीडीसी चंद्रपुर बैक टू बैक Chandrapur HVDC B/B	693.89	699.71	547.42	641.59	633.41	588.88	699.93	662.40	681.23	585.16	594.71	708.08	7736.41
	TOTAL		5425	6670	6447	6491	5971	6545	6694	6681	6875	6783	6294	7508	78384
	ER-SR	तालचर इंटरकनेक्टर Talchar Interconnector	381.00	562.0	282.0	233.0	179.0	37.0	225.0	138.0	105.0	154.0	145.0	112.0	2553.00
	Net IR	तालचर II को छोड़कर (Excl. Tal.-II)	3787	4732	4906	4963	4515	5329	5180	5120	5355	5422	5090	6099	60497

\*\* Data is taken from SRLDC

\*\*\* Data is taken from ERLDC

Date	12.1 Import of NR from WR & ER during March 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 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-Mar-14	35.73	8.77	0.00	0.86	0.82	0.00	44.69	90.86	3.44	0.85	0.70	12.20	3.66	8.10	2.48	2.48	0.00	0.00	33.90	
2-Mar-14	37.91	9.59	0.00	0.93	0.86	0.00	45.88	95.17	0.00	0.00	0.00	11.19	2.51	6.20	7.26	2.96	0.00	0.00	30.12	
3-Mar-14	37.81	12.10	0.00	0.00	0.00	0.00	44.14	94.05	0.00	0.00	0.00	12.18	2.21	6.00	7.23	2.93	0.00	0.00	30.55	
4-Mar-14	37.61	11.97	0.00	0.00	0.00	0.00	43.30	92.88	0.00	0.00	0.00	12.01	2.13	7.33	7.20	3.00	0.00	0.00	31.67	
5-Mar-14	32.25	9.98	0.00	0.00	0.00	0.00	46.85	89.08	0.00	0.00	0.00	10.50	2.24	5.65	7.31	3.01	0.00	0.00	28.70	
6-Mar-14	34.42	8.94	0.00	0.00	0.00	0.00	47.19	90.55	0.00	0.00	0.00	12.13	2.91	8.79	7.27	3.02	0.00	0.00	34.11	
7-Mar-14	38.31	10.86	0.00	0.70	0.00	0.00	45.48	95.34	0.00	0.00	0.00	13.29	2.50	8.82	7.20	2.87	0.00	0.00	34.68	
8-Mar-14	39.00	10.06	0.00	0.00	0.00	0.00	46.00	95.06	1.15	0.00	0.00	12.17	4.60	6.34	8.37	2.94	0.00	0.00	35.57	
9-Mar-14	39.00	10.06	0.00	0.00	0.00	0.00	46.00	95.06	1.15	0.00	0.00	12.17	4.60	6.34	8.37	2.94	0.00	0.00	35.57	
10-Mar-14	32.62	8.55	0.00	0.00	0.00	0.00	44.43	85.60	0.00	0.00	0.00	10.24	3.84	4.22	7.25	2.88	0.00	0.00	28.42	
11-Mar-14	31.15	5.92	0.00	0.00	0.00	0.00	43.00	80.07	0.00	0.00	0.00	9.47	3.51	4.42	7.22	2.96	0.00	0.00	27.58	
12-Mar-14	33.64	9.27	0.00	0.00	0.00	0.00	40.79	83.71	0.31	0.00	0.00	10.12	4.43	5.05	7.25	2.88	0.00	0.00	30.04	
13-Mar-14	33.25	4.26	0.00	0.00	0.00	0.00	37.07	74.58	1.54	0.00	0.00	9.28	3.52	3.74	7.25	2.95	0.00	0.00	28.27	
14-Mar-14	36.32	9.70	0.00	0.00	0.00	0.00	37.07	83.09	0.00	0.00	0.00	11.36	3.34	6.77	7.25	2.95	0.00	0.00	31.67	
15-Mar-14	36.85	11.06	0.00	0.00	0.00	0.00	47.03	94.94	0.00	0.00	0.00	10.63	1.88	5.27	7.22	3.37	0.00	0.00	28.37	
16-Mar-14	36.95	10.98	0.00	0.00	0.00	0.00	44.97	92.90	0.00	0.00	0.00	11.38	4.51	6.34	7.29	3.16	0.00	0.00	32.67	
17-Mar-14	27.43	6.96	0.00	0.00	0.00	0.00	40.70	75.08	0.00	0.00	0.00	6.38	2.24	1.36	7.18	3.58	0.00	0.00	20.73	
18-Mar-14	26.25	4.57	0.00	0.00	0.00	0.00	42.46	73.28	0.00	0.00	0.00	5.01	0.65	0.42	7.17	3.01	0.00	0.00	16.26	
19-Mar-14	29.09	7.39	0.00	0.00	0.00	0.00	43.33	79.81	0.00	0.00	0.00	9.77	3.40	4.37	8.57	3.13	0.00	0.00	29.24	
20-Mar-14	32.68	7.35	0.00	0.00	0.00	0.00	44.87	84.90	1.06	0.00	0.00	12.44	4.13	6.01	5.32	3.00	0.00	0.00	31.96	
21-Mar-14	34.58	11.79	0.00	0.00	0.00	0.00	48.32	94.69	0.00	0.00	0.00	10.50	3.10	3.04	7.24	2.68	0.00	0.00	26.56	
22-Mar-14	31.81	9.97	0.00	0.00	0.00	0.00	48.32	90.09	0.00	0.00	0.00	11.96	3.45	4.04	4.31	3.05	0.00	0.00	26.81	
23-Mar-14	28.30	8.05	0.00	0.00	0.00	0.00	48.33	84.68	1.60	0.00	0.00	9.54	3.78	2.79	6.06	3.16	0.00	0.00	26.93	
24-Mar-14	27.83	5.45	0.00	0.00	0.00	0.00	41.33	74.60	0.05	0.00	0.00	7.05	3.43	3.36	7.33	3.28	0.00	0.00	24.49	
25-Mar-14	31.63	2.44	0.00	0.00	0.00	0.00	46.28	80.34	0.00	0.00	0.00	7.01	3.08	2.63	7.23	3.22	0.00	0.00	23.17	
26-Mar-14	30.44	9.78	0.00	0.00	0.00	0.00	48.33	88.56	0.16	0.00	0.00	7.39	2.61	1.95	7.21	3.23	0.00	0.00	22.55	
27-Mar-14	36.01	10.03	0.00	0.00	0.00	0.00	48.35	94.38	0.00	0.00	0.00	8.63	2.85	4.69	7.27	4.18	0.00	0.00	27.62	
28-Mar-14	37.20	10.00	0.00	0.00	0.00	0.00	48.35	95.55	0.00	0.00	0.00	5.76	2.02	2.75	7.25	3.81	0.00	0.00	21.59	
29-Mar-14	35.16	8.15	0.00	0.00	0.00	0.00	48.36	91.67	0.00	0.00	0.00	5.90	2.57	2.71	7.27	3.30	0.00	0.00	21.75	
30-Mar-14	29.48	2.98	0.00	0.00	0.00	0.00	48.36	80.81	0.11	0.00	0.00	6.07	2.22	3.19	5.14	3.74	0.00	0.00	20.48	
31-Mar-14	32.96	4.35	0.00	0.00	0.00	0.00	48.34	85.65	0.00	0.00	0.00	4.91	2.26	2.38	7.21	4.09	0.00	0.00	20.85	
<b>Total March'14</b>	<b>1043.65</b>	<b>261.30</b>	<b>0.00</b>	<b>2.48</b>	<b>1.68</b>	<b>0.00</b>	<b>1397.92</b>	<b>2707.02</b>	<b>10.57</b>	<b>0.85</b>	<b>0.70</b>	<b>298.61</b>	<b>94.16</b>	<b>145.08</b>	<b>215.16</b>	<b>97.72</b>	<b>0.00</b>	<b>0.00</b>	<b>862.85</b>	

## 12.2 Export of NR to WR & ER during March 2014

Date	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 Sahupuri - K'nasa	ER - NR 132 kV Rihand - Son Nagar	Total NR -WR
	1-Mar-14	0.00	1.08	3.14	0.00	0.00	1.27	0.00	5.49	0.00	0.00	0.37	0.00	0.00	0.00	4.39	0.00	0.00	0.00
2-Mar-14	0.00	0.00	3.49	0.00	0.00	1.15	0.00	4.64	0.24	0.66	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80
3-Mar-14	0.00	0.00	5.20	1.23	1.25	1.17	0.00	8.84	1.61	1.82	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.33
4-Mar-14	0.00	0.00	4.89	1.09	1.24	1.31	0.00	8.53	1.02	1.47	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01
5-Mar-14	0.00	0.24	5.41	1.74	2.13	1.83	0.00	11.35	0.41	1.05	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.59
6-Mar-14	0.00	0.27	4.29	0.97	1.36	1.75	0.00	8.65	0.32	0.52	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27
7-Mar-14	0.00	0.00	2.97	0.00	1.22	1.72	0.00	5.91	0.14	0.89	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21
8-Mar-14	0.00	0.00	5.94	2.18	1.06	2.10	0.00	11.27	0.00	0.03	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60
9-Mar-14	0.00	0.00	5.94	2.18	1.06	2.10	0.00	11.27	0.00	0.03	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60
10-Mar-14	0.00	0.36	6.06	2.92	1.66	1.92	0.00	12.90	1.80	0.03	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40
11-Mar-14	0.00	2.85	5.87	2.22	1.19	1.64	0.00	13.77	0.58	1.52	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95
12-Mar-14	0.00	0.00	5.40	2.68	1.50	2.09	0.00	11.67	0.00	0.86	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.62	3.00
13-Mar-14	0.00	0.36	7.27	4.33	1.30	2.18	0.00	15.45	0.00	0.09	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.62	2.79
14-Mar-14	0.00	0.00	5.35	2.46	1.32	1.29	0.00	10.42	0.05	1.10	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.62	2.66
15-Mar-14	0.00	0.00	5.43	2.65	1.23	1.84	0.00	11.15	1.19	1.98	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.62	5.18
16-Mar-14	0.00	0.00	5.96	3.30	1.50	1.87	0.00	12.62	0.22	1.19	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.62	3.20
17-Mar-14	0.00	0.31	7.87	6.74	25.58	2.24	0.00	42.73	1.38	2.38	2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.62	7.11
18-Mar-14	0.00	1.10	6.16	3.76	1.12	2.06	0.00	14.20	1.64	2.63	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.62	7.51
19-Mar-14	0.00	0.85	5.39	2.94	1.12	2.04	0.00	12.34	0.68	1.52	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.62	4.92
20-Mar-14	0.00	0.61	4.29	1.66	1.46	1.92	0.00	9.93	0.00	0.78	0.64	0.00	0.00	0.00	2.19	0.00	0.00	0.56	4.17
21-Mar-14	0.00	0.00	4.29	1.79	2.05	1.71	0.00	9.84	0.32	1.08	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.56	4.39
22-Mar-14	0.00	0.00	5.66	3.11	2.85	1.86	0.00	13.48	0.97	0.69	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.56	3.64
23-Mar-14	0.00	0.01	7.14	4.67	2.41	2.09	0.00	16.32	0.00	0.17	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.56	2.84
24-Mar-14	0.00	0.59	7.56	4.75	2.38	1.54	0.00	16.82	0.00	0.84	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.56	3.27
25-Mar-14	0.00	1.83	5.51	2.67	1.47	1.20	0.00	12.68	0.34	1.25	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.56	4.23
26-Mar-14	0.00	0.00	5.07	2.23	1.53	1.68	0.00	10.50	0.00	1.21	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.56	4.15
27-Mar-14	0.00	0.00	4.99	2.46	2.08	1.32	0.00	10.85	2.01	2.58	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.56	6.29
28-Mar-14	0.00	0.00	4.78	2.41	2.08	1.24	0.00	10.51	1.75	1.62	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.57	5.72
29-Mar-14	0.00	0.00	5.27	2.69	0.78	1.37	0.00	10.11	0.31	0.58	2.01	0.00	0.00	0.00	0.00	0.00	0.00	0.60	3.50
30-Mar-14	0.00	0.67	7.39	4.97	6.71	1.72	0.00	21.45	0.00	0.36	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.60	2.54
31-Mar-14	0.00	0.56	6.57	4.15	1.71	1.56	0.00	14.56	1.59	1.94	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.60	5.95
<b>Total March'14</b>	<b>0.00</b>	<b>11.68</b>	<b>170.52</b>	<b>80.92</b>	<b>74.35</b>	<b>52.78</b>	<b>0.00</b>	<b>390.25</b>	<b>18.57</b>	<b>32.85</b>	<b>46.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.57</b>	<b>0.00</b>	<b>0.00</b>	<b>11.77</b>	<b>116.59</b>

Date	12.3 Import - Export of ER with WR & NER during March 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 400 kV Sipat - Ranchi D/C	WR - ER 400 kV Raigarh - Sterlite D/C	WR - ER 400 kV Raigarh - Jharsugud a D/C	WR - ER 220 kV Korba - Budhipad dar D/C	WR - ER 220 kV Raigarh - Budhipad ar	Total WR - ER	ER - WR 400 kV Sipat - Ranchi D/C	ER - WR 400 kV Raigarh - Sterlite D/C	ER - WR 400 kV Raigarh - Jharsugud a D/C	ER - WR 220 kV Korba - Budhipada r D/C	ER - WR 220 kV Raigarh - Budhipad ar	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 - Bongaiga on D/C	NER - ER 220 kV Birpara - Salakati D/C	Total NER ER
1-Mar-14	2.61	0.00	2.71	0.14	0.00	5.46	0.00	4.25	0.00	0.31	2.52	7.07	9.90	1.97	11.88	0.00	0.00	0.00
2-Mar-14	3.44	0.00	2.50	0.31	0.00	6.25	0.00	2.89	0.00	0.24	2.56	5.69	10.62	2.55	13.17	0.00	0.00	0.00
3-Mar-14	6.63	0.00	3.48	0.63	0.00	10.74	0.00	2.18	0.00	0.01	2.30	4.49	9.64	2.21	11.86	0.00	0.00	0.00
4-Mar-14	5.74	0.00	3.77	1.00	0.00	10.50	0.00	3.38	0.00	0.00	1.79	5.17	9.08	2.00	11.09	0.00	0.00	0.00
5-Mar-14	4.25	0.00	1.49	0.78	0.00	6.51	0.00	4.61	0.00	0.00	1.94	6.55	8.70	1.93	10.64	0.00	0.00	0.00
6-Mar-14	3.95	0.00	2.12	0.36	0.00	6.43	0.00	3.71	0.00	0.00	1.42	5.13	7.87	1.82	9.69	0.00	0.00	0.00
7-Mar-14	4.98	0.00	3.78	0.04	0.00	8.80	0.00	2.16	0.00	0.00	2.38	4.54	7.95	1.08	9.03	0.00	0.00	0.00
8-Mar-14	5.31	0.00	3.80	0.05	0.00	9.17	0.00	2.77	0.00	0.39	2.55	5.72	8.20	1.73	9.93	0.00	0.00	0.00
9-Mar-14	5.18	0.00	2.74	0.15	0.00	8.07	0.00	2.19	0.00	0.43	2.56	5.18	8.20	1.59	9.79	0.00	0.00	0.00
10-Mar-14	5.95	0.00	4.02	0.18	0.00	10.15	0.00	2.23	0.00	0.13	2.22	4.58	8.24	1.72	9.96	0.00	0.00	0.00
11-Mar-14	5.89	0.00	4.08	0.54	0.00	10.51	0.00	1.23	0.00	0.02	2.10	3.35	7.49	1.59	9.08	0.00	0.00	0.00
12-Mar-14	2.80	0.00	3.15	0.00	0.00	5.95	0.00	3.23	0.00	0.04	2.65	5.92	6.44	1.26	7.69	0.00	0.00	0.00
13-Mar-14	4.11	0.00	1.96	0.00	0.00	6.07	0.00	4.49	0.00	0.39	2.75	7.63	7.31	1.46	8.78	0.00	0.00	0.00
14-Mar-14	3.77	0.00	3.52	0.00	0.00	7.29	0.00	2.90	0.00	0.30	2.45	5.65	7.16	1.38	8.54	0.00	0.00	0.00
15-Mar-14	6.23	0.00	4.73	0.65	0.00	11.61	0.00	1.87	0.00	0.00	2.36	4.23	11.28	2.33	13.61	0.00	0.00	0.00
16-Mar-14	6.71	0.00	4.29	0.23	0.00	11.24	0.00	1.55	0.00	0.31	2.68	4.53	4.04	0.70	4.74	0.00	0.00	0.00
17-Mar-14	7.91	0.86	5.91	0.21	0.00	14.89	0.00	0.00	0.00	0.21	2.69	2.91	4.96	1.06	6.02	0.00	0.00	0.00
18-Mar-14	8.56	0.00	6.30	0.33	0.00	15.19	0.00	0.20	0.00	0.05	2.72	2.97	6.85	1.07	7.91	0.00	0.00	0.00
19-Mar-14	6.83	0.00	4.21	0.12	0.00	11.15	0.00	2.41	0.00	0.25	3.20	5.86	6.39	0.93	7.32	0.00	0.00	0.00
20-Mar-14	5.86	0.00	2.75	0.00	0.00	8.61	0.00	3.31	0.00	0.07	3.25	6.63	4.71	0.57	5.27	0.00	0.00	0.00
21-Mar-14	4.25	0.00	2.95	0.00	0.00	7.21	0.00	3.73	0.00	0.32	2.93	6.98	4.87	0.64	5.51	0.00	0.00	0.00
22-Mar-14	3.65	0.00	0.58	0.28	0.00	4.51	0.00	4.07	0.00	0.00	3.10	7.17	5.45	1.23	6.69	0.00	0.00	0.00
23-Mar-14	4.90	0.00	4.03	0.00	0.00	8.93	0.00	2.34	0.00	0.23	2.77	5.35	4.07	0.99	5.06	0.00	0.00	0.00
24-Mar-14	7.16	0.13	5.23	0.41	0.00	12.93	0.00	0.00	0.00	0.09	2.58	2.67	5.36	1.20	6.56	0.00	0.00	0.00
25-Mar-14	6.38	0.00	4.01	0.94	0.00	11.33	0.00	0.91	0.00	0.04	1.84	2.79	5.95	1.33	7.28	0.00	0.00	0.00
26-Mar-14	5.24	0.00	3.71	0.12	0.00	9.07	0.00	2.57	0.00	0.20	2.98	5.75	6.03	1.29	7.32	0.00	0.00	0.00
27-Mar-14	7.46	0.00	5.27	0.47	0.00	13.20	0.00	0.25	0.00	0.02	2.28	2.56	6.51	1.56	8.08	0.00	0.00	0.00
28-Mar-14	7.49	0.04	5.71	1.10	0.00	14.34	0.00	0.00	0.00	0.03	2.11	2.14	6.64	1.46	8.10	0.00	0.00	0.00
29-Mar-14	7.04	0.37	6.66	0.57	0.00	14.63	0.00	0.00	0.00	0.00	2.75	2.75	7.06	1.48	8.54	0.00	0.00	0.00
30-Mar-14	5.86	0.36	6.39	0.33	0.00	12.94	0.00	0.00	0.00	0.00	2.58	2.58	6.27	1.39	7.65	0.00	0.00	0.00
31-Mar-14	6.90	1.69	7.75	0.30	0.00	16.64	0.00	0.00	0.00	0.00	2.48	2.48	4.43	0.74	5.16	0.00	0.00	0.00
<b>Total March'14</b>	<b>173.04</b>	<b>3.45</b>	<b>123.59</b>	<b>10.22</b>	<b>0.00</b>	<b>310.30</b>	<b>0.00</b>	<b>65.43</b>	<b>0.00</b>	<b>4.08</b>	<b>77.48</b>	<b>146.99</b>	<b>217.69</b>	<b>44.26</b>	<b>261.95</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Date	12.4 Import of SR with ER & WR during March 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 - Kolar	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-Mar-14	16.06	41.86	57.92	0.00	0.00	0.00	22.42	2.25	24.67	0.00	0.79	0.79
2-Mar-14	17.72	38.43	56.15	0.00	0.00	0.00	23.47	3.14	26.61	0.00	0.61	0.61
3-Mar-14	18.63	41.60	60.23	0.00	0.00	0.00	23.25	2.78	26.03	0.00	0.64	0.64
4-Mar-14	18.60	40.96	59.56	0.00	0.00	0.00	20.89	2.08	22.98	0.00	1.34	1.34
5-Mar-14	18.58	41.91	60.49	0.00	0.00	0.00	22.34	2.28	24.63	0.00	1.33	1.33
6-Mar-14	18.67	40.90	59.57	0.00	0.00	0.00	23.37	1.79	25.16	0.00	1.39	1.39
7-Mar-14	18.64	42.28	60.92	0.00	0.00	0.00	22.84	1.90	24.74	0.00	1.34	1.34
8-Mar-14	18.64	33.26	51.90	0.00	0.00	0.00	23.41	2.16	25.58	0.00	1.23	1.23
9-Mar-14	18.65	30.25	48.90	0.00	0.00	0.00	17.75	1.90	19.65	0.00	0.95	0.95
10-Mar-14	18.65	38.07	56.72	0.00	0.00	0.00	23.57	3.19	26.76	0.00	0.68	0.68
11-Mar-14	18.64	39.05	57.69	0.00	0.00	0.00	21.45	2.23	23.69	0.00	1.39	1.39
12-Mar-14	18.64	37.78	56.42	0.00	0.00	0.00	22.52	2.47	25.00	0.00	1.18	1.18
13-Mar-14	18.64	38.03	56.67	0.00	0.00	0.00	23.41	2.22	25.63	0.00	1.08	1.08
14-Mar-14	18.65	39.65	58.29	0.00	0.00	0.00	20.92	2.46	23.38	0.00	1.22	1.22
15-Mar-14	18.63	42.94	61.56	0.00	0.00	0.00	23.41	3.43	26.84	0.00	0.74	0.74
16-Mar-14	18.59	42.62	61.21	0.00	0.00	0.00	23.33	4.00	27.33	0.00	0.72	0.72
17-Mar-14	18.68	44.52	63.20	0.00	0.00	0.00	23.40	2.86	26.26	0.00	1.03	1.03
18-Mar-14	18.67	46.92	65.59	0.00	0.00	0.00	22.71	2.51	25.23	0.00	1.42	1.42
19-Mar-14	18.63	44.34	62.97	0.00	0.00	0.00	21.87	1.74	23.61	0.00	1.60	1.60
20-Mar-14	18.25	45.46	63.71	0.00	0.00	0.00	23.56	2.51	26.06	0.00	1.01	1.01
21-Mar-14	18.57	44.12	62.69	0.00	0.00	0.00	23.24	1.76	25.00	0.00	1.46	1.46
22-Mar-14	18.43	42.10	60.53	0.00	0.00	0.00	23.67	2.09	25.75	0.00	1.30	1.30
23-Mar-14	18.69	41.06	59.75	0.00	0.00	0.00	23.62	3.59	27.21	0.00	0.42	0.42
24-Mar-14	18.69	44.28	62.97	0.00	0.00	0.00	23.69	2.39	26.08	0.00	1.21	1.21
25-Mar-14	18.72	42.88	61.59	0.00	0.00	0.00	23.56	2.37	25.93	0.00	1.01	1.01
26-Mar-14	18.71	42.63	61.35	0.00	0.00	0.00	23.61	2.96	26.57	0.00	0.83	0.83
27-Mar-14	18.71	42.63	61.35	0.00	0.00	0.00	23.61	2.96	26.57	0.00	0.83	0.83
28-Mar-14	18.19	44.91	63.10	0.00	0.00	0.00	23.40	2.53	25.92	0.00	1.02	1.02
29-Mar-14	18.15	47.36	65.50	0.00	0.00	0.00	23.12	2.98	26.09	0.00	0.44	0.44
30-Mar-14	18.65	45.53	64.18	0.00	0.00	0.00	23.36	5.10	28.45	0.00	0.13	0.13
31-Mar-14	18.39	48.61	67.00	0.00	0.00	0.00	23.31	2.08	25.39	0.00	0.63	0.63
<b>Total March'14</b>	<b>572.77</b>	<b>1296.93</b>	<b>1869.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>708.08</b>	<b>80.71</b>	<b>788.79</b>	<b>0.00</b>	<b>30.97</b>	<b>30.97</b>

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

**अप्रैल 2013 APRIL 2013 -'मार्च 2014 MARCH 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 2013 APR'13	179.42	-59.98	...
मई 2013 MAY'13	411.65	-44.45	...
जून 2013 June'13	800.48	-42.08	...
जुलाई 2013 July'13	986.50	-57.06	...
अगस्त 2013 Aug'13	1004.99	-57.94	...
सितम्बर 2013 Sep'13	793.52	-48.98	...
अक्टूबर 2013 Oct'13	691.96	-47.60	-90.58
नवम्बर 2013 Nov'13	310.10	-39.75	-98.80
दिसम्बर 2013 Dec'13	158.63	-70.43	-286.99
जनवरी 2014 Jan'14	93.06	-78.01	-323.76
फरवरी 2014 Feb'14	56.38	-70.87	-314.83
मार्च 2014 Mar'14	68.49	-84.88	-333.23
कुल Total	5555.18	-702.03	-1448.19

**14. एसटीओए (द्विपक्षीय एवं सामूहिक) एवं यू आई बिलिंग का ब्योरा – माह मार्च 2014  
STOA (BILATERAL AND COLLECTIVE) & UI BILLING DETAILS- MAR' 2014**

**द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS**

	मार्च 2014	March'14	Apr'13-Mar'14	
क्ष.भा.प्रे.के. का नाम Name of RLDC	लेन – देनों की संख्या No. of Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved(MU)	लेन – देनों की संख्या No. of Transactions	अनुमोदित ऊर्जा (मि.यु.) Energy Approved (MU)
ऊ. क्षे. NR	238	1638	3321	23605
प.क्षे. WR	188	467	1431	9563
द.क्षे. SR	182	1376	2579	13696
पू.क्षे. ER	160	967	2736	8824
पूर्वात्तर क्षे. NER	24	128	223	1256
कुल TOTAL	792	4576	10290	56944

**एसटीओए SHORT TERM OPEN ACCESS**

माह MONTH	सामूहिक एसटीओए STOA		द्विपक्षीय एसटीओए Bilateral STOA	
	क्रेताओं / विक्रेताओं की सं. NO. of Buyers/Sellers	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)	क्रेताओं / विक्रेताओं की सं. NO. of Buyers/Sellers	अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU)
अप्रैल 2013 APR'13	1613	2577	805	3505
मई 2013 MAY'13	1666	2573	885	4218
जून 2013 June'13	1779	2168	772	5018
जुलाई 2013 July'13	2011	2358	900	6637
अगस्त 2013 Aug'13	1955	2428	782	5043
सितम्बर 2013 Sep'13	1891	2940	990	4472
अक्टूबर 2013 Oct'13	2066	2755	1140	4471
नवम्बर 2013 Nov'13	2101	2654	959	4932
दिसम्बर 2013 Dec'13	2306	2543	738	4731
जनवरी 2014 Jan'14	2192	2442	741	4974
फरवरी 2014 Feb'14	1962	2237	786	4366
मार्च 2014 Mar'14	2085	2357	792	4576
कुल TOTAL	23627	30030	10290	56944

मासिक यु.आई. बिलिंग का ब्योरा 2013-14  
MONTHLY UI BILLING DETAILS 2013-14

अनंतिम आकड़े  
provisional data subject to change

करोड़ रु. मे (RS. IN CRORES)

क्षेत्र REGION	उत्तरी क्षेत्र NORTH	पश्चिमी क्षेत्र WEST	पूर्वी क्षेत्र EAST	दक्षिणी क्षेत्र SOUTH	पूर्वात्तर क्षेत्र NORTH EAST	अखिल भारतीय स्तर ALL INDIA
(Upto 28th APR'13)	82	70	55	42	11	260
(Upto 26th MAY'13)	145	124	110	68	28	476
(Upto 30th JUNE'13)	239	184	168	98	41	730
( Upto 28th JULY'13)	318	259	237	117	50	980
( Upto 25th AUG'13)	387	322	285	135	58	1187
(Up to 22nd SEP'13)	467	381	346	152	72	1417
(Up to 20th OCT'13)	531	435	396	171	84	1617
(Up to 1st DEC'13)	690	577	505	195	105	2071
(Up to 29th DEC'13)	866	705	615	216	128	2530
(Up to 2nd FEB'14)	1,039	829	739	273	139	3019
(Up to 2nd MAR'14)	1,168	923	826	299	152	3368
( Up to 30th MAR'14)	1,354	1,049	917	330	167	3817

**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 मार्च 2014**  
**EXCHANGES THROUGH POWER EXCHANGES -MAR'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	47.08	93.10
2	हरियाणा Haryana		98.95	212.70
3	राजस्थान Rajasthan		65.84	265.43
4	दिल्ली Delhi		181.00	0.74
5	उत्तर प्रदेश Uttar Pradesh		0.00	17.03
6	उत्तराखंड Uttarakhand		3.54	107.37
7	हिमाचल प्रदेश Himachal Pradesh		75.43	13.85
8	जम्मू और कश्मीर J & K		4.62	55.54
9	केंद्र शासित चंडीगढ़ UT Chandigarh		0.00	0.00
10	ए डी हाइड्रो AD Hydro		10.68	0.00
11	करचम वांगतू KW		37.72	0.00
12	श्री सीमेंट Shree Cement		22.81	0.00
13	नाथपा झाकरी Nathpa Jhakri		5.35	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		7.94	0.00
24	चमेरा-3 chamera 3		0.00	0.00
25	अदानी एचवीडीसी ADANI HVDC(NORGU0)		0.00	0.00
26	मलाना MALANA	0.11	0.00	
27	उरी-II Uri-II HEP(UR2)	0.00	0.00	
28	मध्य प्रदेश MP	पश्चिमी क्षेत्र WR	409.18	40.33
29	महाराष्ट्र Maharashtra		112.40	221.32
30	गुजरात Gujarat		363.29	722.60
31	छत्तीसगढ़ Chattisgarh		125.49	3.52
32	गोवा Goa		0.00	0.00
33	दमन और दीव Daman and Diu		0.00	31.46
34	दादरा और नगर हवेली Dadra & Nagar Haveli		0.00	0.00
35	जिंदल JD		91.51	0.00
36	लांको अमरकंटक LANCO AMK		0.00	0.00
37	आर्यन कोल ACB India Limited		9.54	0.00
38	जिंदल स्टील एंड पावर Jindal Steel and Power Ltd		45.40	0.00
39	बालको -2 Balco-II		23.11	0.00
40	स्टरलाइट Sterlite(w3rse0)		23.58	0.00
41	एमको EMCO		14.44	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	202.46
45	के एस के महानदी KSK Mahanadi		0.00	0.00
46	जिंदल स्टेज -II Jindal Stg-II		46.76	0.00



**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 मार्च 2014**  
**EXCHANGES THROUGH POWER EXCHANGES -MAR'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
47	आंध्र प्रदेश Andhra Pradesh	दक्षिणी क्षेत्र SR	29.36	196.76
48	कर्नाटक Karnataka		86.89	19.88
49	केरल Kerala		0.00	0.00
50	तमिलनाडु Tamilnadu		0.00	0.00
51	पॉण्डिचेरी Pondicherry		0.00	0.00
52	गोवा Goa		0.00	0.00
53	लांको कोंडापल्ली LANCO_KONDPLY		0.00	0.00
54	सिमापुरी SIMHAPURI		7.01	0.00
55	मीनाक्षी MINAXI		0.00	0.00
56	पश्चिम बंगाल West Bengal		पूर्वी क्षेत्र ER	40.48
57	उड़ीशा Odisha	198.36		5.46
58	बिहार Bihar	0.00		33.24
59	झारखंड Jharkhand	0.00		0.00
60	सिक्किम Sikkim	5.49		0.00
61	दामोदर घाटी परियोजना DVC	29.38		0.00
62	स्टरलाइट STERLITE	0.00		0.00
63	मैथन पावर लिमिटेड Maithon Power Ltd	7.92		0.00
64	आधुनिक पावर लिमिटेड Adhunik Power Ltd	2.69		0.00
65	चुजाचैन Chuzachen HEP	9.54		0.00
66	रंगित Rangit HEP	0.00		0.00
67	जीएमआर कमलंगा GMR Kamalanga	0.00		0.00
68	तीस्ता Teesta HEP	4.00		0.00
69	अरुणाचल प्रदेश Arunachal Pradesh	0.00		11.07
70	असम Assam	5.72		19.42
71	मणिपुर Manipur	0.00		0.00
72	मेघालय Meghalaya	2.81		11.58
73	मिज़ोरम Mizoram	0.74		0.00
74	नागालैंड Nagaland	0.00	0.00	
75	त्रिपुरा Tripura	49	0.35	
76	अगरतला जीटीपीपी Agartala GTPP_AG0	6	0.00	
77	कोपिली KOPILI_KP1	0	0.00	
78	असम जीबीपीपी Assam GBPP_KT0	14	0.00	
79	लोकटक LOKTAK	4	0.00	
80	रंगानदी Ranganadi	4	0.00	
81	दोयांग Doyang	0	0.00	
82	पलाताना Palatana	23	0.00	
कुल Total			2357	2357

## **16. RENEWABLE ENERGY CERTIFICATE MECHANISM**

**MONTH:-March 2014**

### **RE Source & Unit wise break up (March,14)**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	11.46	13	15.73	8
2	Urban or Municipal Waste	0	0	0	0
3	Solar Thermal	0	0	0	0
4	Solar PV	84.64	35	35.04	7
5	Small Hydro	50	4	8.01	1
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	19.9	3	1.06	1
9	Bio-fuel cogeneration	0	0	3.8	1
	<b>Total</b>	<b>166</b>	<b>55</b>	<b>63.64</b>	<b>18</b>

### **RECs Issued (March,14)**

Sr.No.	Non Solar	Solar	Total
1	1864158	25219	1889377

### **Redemption of REC (March,14)**

Sr.No.	Non Solar	Solar	Total
1	658727	11019	669746

## **16. RENEWABLE ENERGY CERTIFICATE MECHANISM**

**MONTH:-March 2014**

### **RE Source & Unit wise break up (Apr,13-Mar,14)**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	227.83	74	279.87	66
2	Urban or Municipal Waste	0	0	8	1
3	Solar Thermal	0	0	0	0
4	Solar PV	372.17	173	306.97	144
5	Small Hydro	100.01	10	33.01	3
6	Others	0	0	0	0
7	Geothermal	0	0	0	0
8	Biomass	126.96	14	87.56	10
9	Bio-fuel cogeneration	76.8	11	82.77	14
	<b>Total</b>	<b>903.76</b>	<b>282</b>	<b>798.18</b>	<b>238</b>

### **RECs Issued (Apr,13-Mar,14)**

Sr.No.	Non Solar	Solar	Total
1	6421357	206385	6627742

### **Redemption of REC (Apr,13-Mar,14)**

Sr.No.	Non Solar	Solar	Total
1	2682014	66680	2748694

## **16. RENEWABLE ENERGY CERTIFICATE MECHANISM**

**MONTH:-March 2014**

### **RE Source & Unit wise break up Since Inception to Mar,14**

Sr.No	Source Wise	Accreditation		Registration	
		Capacity (MW)	Unit	Capacity (MW)	Unit
1	Wind	2341.73	611	2138.18	565
2	Urban or Municipal Waste	16	2	8	1
3	Solar Thermal	3	1	0	0
4	Solar PV	453.02	202	368.88	164
5	Small Hydro	300.51	33	203.01	23
6	Others	1.67	1	1.67	1
7	Geothermal	0	0	0	0
8	Biomass	693.36	74	641.46	67
9	Bio-fuel cogeneration	836.67	86	738.07	81
	<b>Total</b>	<b>4645.95</b>	<b>1010</b>	<b>4099.26</b>	<b>902</b>

### **RECs Issued since Inception to Mar,14**

Sr.No.	Non Solar	Solar	Total
1	11789152	221031	12010183

### **Redemption of REC since Inception to Mar,14**

Sr.No.	Non Solar	Solar	Total
1	5835264	80693	5915957

### **REC Closing balance as on 31.03.2014**

Sr.No.	Non Solar	Solar	Total
1	5953888	140338	6094226

**17.मार्च 2014 की मुख्य घटनाये / डिस्टर्बेन्सेज Important Events / Disturbances March 2014**

A	B		C	D	E	F	G	H		I
S.NO.	Outage		Region	Name of tripping elements	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
	Date	Time						Date	Time	
1	03.03.14	1515 hrs	SR	1.Unit#1,2,5 at Nagjheri 2.220kV Hubli-Nagjheri	Karnataka	Due to Phase To Phase fault in Hubli-Nagjheri line,given elements got tripped.	Gen Loss=425MW	03.03.2014	1616 hrs	GD-I
2	05.03.14	1701 hrs	WR	1.400kV Karad-Sholapur S/C	Reliance	400 KV Sholapur-Parli S/C was already under shut down to replace CVT jumper and given line got tripped on high voltage.	Load Loss=100MW	05.03.2014	1715 hrs	GD-I
3	06.03.14	0729 hrs	NR	1.400kV Daultabad-Gurgaon ckt 1&2 2. 400kV Daultabad-Jhajjar ckt 1&2 3. 400kV Daultabad-Dhanonda ckt 1&2 4.400/220kV ICT -III at Daultabad S/S	HVPNL/PG/AP CPL	Due to Failure of B-ph CT of 400kV Daultabad-Gurgaon-2, Bus Bar Protection Operated on Bus I of Daultabad S/S and given elements got tripped.	Load Loss=200MW	06.03.2014	1147 hrs	GD-I
4	09.03.14	1224 hrs	ER	1.3x160MVA 220/132kV ICTs at Bidhan Nagar 2.132kV BidhanNagar-Mankar D/C 3.132kV BidhanNagar-DPL D/C 4.220KV BidhanNagar-DPL D/C 5.220kV BidhanNagar-Durgapur 6.220kV BidhanNagar-Waria	WBSETCL	Due to the bursting of CB pole of 132kV Bidhan Nagar –Mankar-II at Bidhan Nagar, given elements got tripped	Load Loss=280MW	09.03.2014	1305 hrs	GD-I
5	10.03.14	1016 hrs	NER	1. 132 kV Loktak-Imphal 2. 132 kV Dimapur-imphal 3.132 kv Imphal-Imphal(S) D/C	Manipur	Due to R-Phase conductor snapping in 33 kV Laimakong feeder in Manipurelements given in column D tripped.	Load Loss = 66 MW	10.03.2014	1041 hrs	GD-I
6	12.03.14	0310 hrs	NR	1. 400 kV Kishenpur-Wampoh-Wagoora-II 2. 220 kV Kishenpur-Pampore 3. 220 kV Wagoora-Pampore D/C 4. 220 kV Wagoora-Zainakote D/C	J&K/PG	Due to tripping of 220 kV Wagoora-Pampore D/C & 220 kV Wagoora-Zainakote D/C , valley collapsed with generation of Uri .	Load Loss = 500 MW Generation loss= 400 MW	12.03.14	0442 hrs	GD-I

**17.माह मार्च 2014 की मुख्य घटनाये / डिस्टर्बेन्सेज Important Events / Disturbances March 2014**

A	B		C	D	E	F	G	H		I
S.NO.	Outage		Region	Name of tripping elements	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
	Date	Time						Date	Time	
7	12.03.14	1922 hrs	WR	1. 400 kV CGPL-Chorania D/C 2. 400 kV CGPL-Bachau D/C 3. 400 kV CGPL-Jetpur D/C 4. 400 kV Chorania-R'pura-II 5. 400 kV Chorania-Amreli S/c 6. 400 kV Bachau-R'pura-I 7. 400 kV Varsana-Hadala S/C 8. CGPL Mundra(all units) 9. 220 kV Lalpar-Bachau 10.220 kV Morbi-Bachau	GETCO/CGPL	Due to fire in the line reactor of 400 kV Chorania-Kosamba line elements given in column D tripped.	Gen. Loss= 3800 MW Load Loss= 1370 MW	12.03.14	2023 hrs	GD-I
8	12.03.14	1830 hrs	ER	1. All 220 kV lines from Kalyaneswari	DVC	Due to bursting of Y-Phase CT of 220 kV Mejia-Kalyaneswari-II, all 220 kV lines emanating from Kalyaneswari tripped.	Load loss= 300 MW	12.03.14	1930 hrs	GD-I
9	13.03.14	1526 hrs	SR	1. 220 kV Modakkathara-Malaparamba D/C 2. 220 kV Modakkathara-Areakode	Kerala	Due to tripping of 220 kV Modakkathara-Malaparamba-I on R-Phase to Ground fault and other circuits from 220 kV Modakkathara on O/C load loss occurred in Kerala network.	Load Loss= 500 MW	13.03.14	1632 hrs	GD-I
10	17.03.14	0820 hrs	ER	1. 220/132 kV,150 MVA ICT-II at Ramchandrapur 2. 220 kV Chandil-Ramchandrapur 3. 220 kV Chandil-Santaldih 4. 132 kV Chandil-Adityapur 5. 132 kV Adityapur-Rajkharsawan	JSEB	Due to LA Burst at 33 kV Adityapur S/s elements given in Column D tripped.	Load Loss= 58 MW	17.03.14	0911 hrs	GD-I
11	18.03.14	1107 hrs	SR	1) 400/132 kV ICT-I of Ramagundam 2) 220 kV Siddipet-Durshed D/C 3) 220 kV Malayapalli-Durshed D/C	APSEB	ICT of Ramagundam tripped due to high oil temperature, causing tripping of elements in column E.	Load Loss= 400 MW	18.03.14	1147 hrs	GD-I
12	18.03.14	1913 hrs	ER	1) 132 kV Rangit-Gangtok 2)132 kV Chuzachen-Gangtok 3) 132 kV Chuzachen-Melli 4) Chuzachen Unit-I	Sikkim/Gati	1) 132 kV Rangit-Gangtok tripped at both ends on R-Y Phase to ground fault.SPS operated at Chuzachen causing tripping of units.	Load Loss= 80 MW Generation loss= 59 MW	18.03.14	2026 hrs	GD-I
13	19.03.14	1215 hrs	NER	1) 400 kV RHEP-Balipara D/C 2) Misa ICT-I & II( 400/220 kV,315 MVA) 3) 220 kV Balipara-Samaguri 4) Island collapsed ( formed from Samaguri & Misa stations)	PG/NER	Due to tripping of lines on Y-Phase to Ground fault RHEP-Balipara D/C tripped leading to separation of parts of NER and island eventually collapsing.	Load loss=1040 MW Generation Loss= 860 MW	19.03.14	1313 hrs	GD-V
14	20.03.14	1252 hrs	NR	1) 400 kV Gorakhpur(UP)-Gorakhpur(PG) 2) 400 kV Gorakhpur(PG)-Azamgarh 3)ICT at Gorakhpur	UPPCL/PG	Due to Bus Bar protection operation(CT & LA Blast on 132 kV side) elements given in column E tripped.	Load Loss=150 MW	20.03.14	1411 hrs	GD-I
15	20.03.14	1148 hrs	ER	1) 220 kV Patna-Khagaul 2) 220 kV Patna-Fatwa 3) 220 kV Fatwa-Sipara 4) 220 kV Bus at Fatwa	Bihar	Due to phase to ground fault on 220 kV Patna-Khagaul Bus Bar operated leading to tripping of lines.	Load Loss=120 MW	20.03.14	1227 hrs	GD-I
16	22.03.14	0149 hrs	NER	1) 132 kV Imphal(PG)-Imphal(Manipur) D/C	Manipur	Due to problem in 33 kV feeder at Manipur line given in column E tripped.	Load Loss=25 MW	22.03.14	0258 hrs	GD-I
17	24.03.14	0535 hrs	ER	1) 132kV Purnea(PG)-Purnea(BSEB)-T/C 2)132kV Purnea-Forbisgunj S/C 3)132kV Kishengunj-Forbisgunj	PG/BSEB	First two lines got tripped on Directional Earth fault and third one tripped on overcurrent.	Load Loss=170MW	24.03.14	0610 hrs	GD-I

**17.मार्च 2014 की मुख्य घटनाये / डिस्टर्बेन्सेज Important Events / Disturbances March 2014**

A	B		C	D	E	F	G	H		I
S.NO.	Outage		Region	Name of tripping elements	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
	Date	Time						Date	Time	
18	24.03.14	1507 hrs	ER	1)220/132kV 150MVA ICT-I & II at Hatia 2)220kV Hatia-Ranchi 3)220kV Hatia-Patratu D/C 4)132kV Hatia-Patratu 5)132kV Hatia-Chandil	JSEB	Due to bus fault at Hatia S/S,Elements given in Coulum E got tripped.	Load Loss=176MW	24.03.14	1644 hrs	GD-I
19	25.03.14	1547	ER/SR	1)Talcher-Kolar Pole 1 2) Sterlite U#3	PG	Due to the Fire Detection system operation given element got tripped	Load Loss=1604MW Gen Loss=500MW	25.03.14	1558hrs	GD-I
20	28.03.14	1024 hrs	ER	1)220kV/132kV 100MVA ICT-I,II &III at chandil 2) 220kV chandil-Ranchi D/C 3)220kV chandil-Santaldih 4)220kV Chandil-Ramchandrapur 5) 132kV Chandil-Adityapur 6)132kV Chandil-Maniqui 7)132kV Chandil-Golmuri D/C 8)132kV Chandil-Rajkharsawan 9) 132kV Hatia-Chandil	JSEB	While avialing shutdown of 220kV Chandil-Ramchandrapur line, all elements of 220/132kV Chandil S/S got tripped	Load Loss=150 MW	24.03.14	1059 hrs	GD-I

**18. NEW ELEMENTS COMMISSIONED in MARCH-2014**

**COMMISSIONING OF NEW GENERATING UNITS**

REGION	SL.NO.	CONSTITUENT	UNIT NAME	UNIT NO	CAPACIT Y (MW)	DATE	TIME
WR	1	JPL	JPL STAGE-II	1	600	14.03.14	-
	2	NTPC	VSTPS STAGE-II	12	500	27.03.14	-
	3	NTPC	MAUDA STAGE-I	2	500	30.03.14	-
	4	ACBIL	ACBIL	2	30	30.03.14	-
	5	JPL	JPL STAGE-II	2	600	31.03.14	-
	6	NTPC+MP	RAIGARH SOLAR PV,NTPC,MP	-	30	31.03.14	-
	7	KORBA(W)	KORBA(W) POWER CO. LTD.	1	600	31.03.14	-
ER	1	NTPC	BARH	4	660	26.03.14	1717
	2	DPL	DPL	8	250	27.03.14	0402
	3	DVC	DVC AT RAGHUNATHPUR	1	600	31.03.14	1210

**COMMISSIONING OF NEW TRANSMISSION LINES**

REGION	SL.NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE	TIME
WR	1	PGCIL	PIRANA-ASOJ	I	400	29.03.14	1202
	2	PGCIL	PIRANA-ASOJ	II	400	29.03.14	1958
	3	PGCIL	BILASPUR PS-DHARMJAIGARH PS		765	30.03.14	-
	4	PGCIL	DHARMJAIGARH PS-RANCHI(New)	S/C	765	31.03.14	2347
SR	1	PGCIL	KURNOOL-KURNOOL(PG)	I	400	24.03.14	1629
	2	PGCIL	KURNOOL-KURNOOL(PG)	II	400	24.03.14	1650
	3	PGCIL	CHITTOORE-THIRUVALAM	I	400	31.03.14	1315
	4	PGCIL	CHITTOORE-THIRUVALAM	II	400	31.03.14	1359
	5	PGCIL	THIRUVALAM-SRIPERUMBUR	S/C	400	31.03.14	1609
	6	PGCIL	THIRUVALAM-KOLAR	S/C	400	31.03.14	1628
	7	PGCIL	KURNOOL-GOOTY	II	400	31.03.14	2136
	8	PGCIL	TALAPALLY-KURNOOL	S/C	400	31.03.14	2146
ER	1	PGCIL	LAKHISARAI-BIHARSARIFF*	I	400	23.03.14	1627
	2	PGCIL	KAHALGAON-LAKHISARAI*	I	400	23.03.14	1748

\*400 kV KAHALGAON-BIHARSARIFF-I LILOED AT 400 kV LAKHISARAI SS

**COMMISSIONING OF NEW ICTS**

REGION	SL.NO.	CONSTITUENT	STATION NAME	ICT NO	KV RATIO	CAPACIT Y (MVA)	DATE	TIME
WR	1	PGCIL	JABALPUR PS	II	765/400	1500	31.03.14	2032
SR	1	PGCIL	KURNOOL	II	765/400	1500	24.03.14	1851
	2	PGCIL	KURNOOL	I	765/400	1500	29.03.14	1842
ER	1	PGCIL	RANCHI(NEW)	I	765/400	1500	29.03.14	-
	2	PGCIL	RANCHI(NEW)	II	765/400	1500	30.03.14	1817

**COMMISSIONING OF BUS REACTORS**

REGION	SL.NO.	CONSTITUENT	STATION NAME	KV	CAPACIT Y (MVAR)	DATE	TIME
WR	1	MP	KHANDWA	400	125	31.03.14	1934
	2	PGCIL	JABALPUR	400	125	31.03.14	1723
	3	PGCIL	DHARAMJAIGARH	765	330	31.03.14	1925
SR	1	PGCIL	KURNOOL	765	240	26.03.14	1620
ER	1	PGCIL	LAKHISARAI	400	80	31.03.14	1757

**COMMISSIONING OF LINE REACTORS**

REGION	SL.NO.	CONSTITUENT	STATION NAME	LINE NAME	KV	CAPACIT Y (MVAR)	DATE	TIME
WR	1	PGCIL	JABALPUR PS	JABALPUR PS-DHARANJAIGARH-I	765	80x3	29.03.14	0057
ER	1	PGCIL	BONGAIGAON	BONGAIGAON-BALIPARA	400		26.03.14	1540
	2	PGCIL	RANCHI(NEW)	RANCHI(NEW)-DHARAMJAIGARH-II	765*	240	31.03.14	1740

\*Line reactor charged as Bus reactor



## वितरण सूची

### Distribution List

1. सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली - 110001  
Secretary, CERC, 3<sup>rd</sup> & 4<sup>th</sup> Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
2. मुख्य अभियंता, (जी एम), के. वि. प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली - 110066  
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
5. सदस्य सचिव, द. क्षे. वि. स., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
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
7. सदस्य सचिव, ऊ. पू. क्षे. वि. स., मेघालय राज्य आवसीय वित्त सहकारी समिति लिमिटेड भवन, नॉग्रिम हिल्स, शिलॉंग - 793003  
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
10. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
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

**19.विधुत विभव रूपरेखा माह –मार्च 2014**  
**VOLTAGE PROFILE - MARCH 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%	91%	9%	425	408	416
2		कहलगांव KAHALGAON	0%	34%	66%	431	412	421
3		तालचर TALCHER	0%	100%	0%	412	392	404
4		पुर्णिया PURNEA	0%	93%	7%	428	397	413
5		मुजफ्फरपुर MUZAFFARPUR	0%	92%	8%	435	396	413
6		जमशेदपुर JAMSHEDPUR	0%	19%	81%	431	409	423
7		रेंगाली RENGALI	0%	100%	0%	410	391	403
8		जेयपुर JEYPORE	0%	100%	0%	419	382	406
2	उत्तरी क्षेत्र NR	नल्लागढ़ NALLAGARH	0%	67%	33%	433	401	417
3		भिवाड़ी BHIWADI	0%	56%	44%	436	399	419
4		बल्लभगढ़ BALLABGARH	0%	30%	70%	437	410	423
5		इलाहाबाद ALLAHABAD	0%	83%	17%	430	404	416
6		हिसार HISSAR	0%	97%	3%	424	390	409
7		बवाना BAWANA	0%	48%	52%	434	406	420
8		कानपुर KANPUR	0%	98%	2%	424	399	412
9		बस्सी BASSI	0%	60%	40%	435	393	417
10		लखनऊ LUCKNOW 765 kV	0%	100%	0%	787	735	760
11		मोगा MOGA	0%	95%	5%	425	393	410
11		रतनगढ़ RATANGARH	0%	100%	0%	421	376	409
1	पश्चिमी क्षेत्र WR	आसोज ASOJ	0%	100%	0%	421	396	408
2		इटारसी ITARSI	0%	93%	6%	426	403	409
3		जेतपुर JETPUR	0%	100%	0%	423	392	409
4		कासोर KASOR	0%	100%	0%	421	402	411
5		कोल्हापुर KOLHAPUR	0%	100%	0%	418	418	418
6		बीना BINA	0%	94%	6%	426	393	411
7		ग्वालियर GWALIOR	0%	100%	0%	415	393	401
8		रायपुर RAIPUR	0%	42%	58%	436	411	421
9		जबलपुर JABALPUR	0%	92%	8%	427	398	413
10		धुले DHULE	0%	100%	0%	408	408	408
1	दक्षिणी क्षेत्र SR	श्रीपेरुपुडूर SRIPERUMPUDUR	0%	100%	0%	413	393	405
2		नेवेली NEVELI	0%	86%	13%	426	395	412
3		सेलम SALEM	0%	100%	0%	413	382	399
4		बंगलूरु BANGALORE	3%	97%	0%	413	371	392
5		होसूर HOSUR	0%	100%	0%	408	378	396
6		रामागुंडम RAMAGUNDAM	0%	100%	0%	418	399	409
7		विजयवाड़ा VIJAYAWADA	0%	100%	0%	431	410	420
8		तिरुवनंतपुरम TIRIVANDRUM	0%	100%	0%	426	392	412
9		हैदराबाद HYDERABAD	0%	100%	0%	425	397	412
1	पूर्वोत्तर क्षेत्र NER	मिसा MISA	0%	100%	0%	420	383	404
2		बलिपारा BALIPARA	0%	100%	0%	419	382	403
3		बोंगाईगांव BONGAIGAON	0%	100%	0%	413	380	397
4		हाफ्लोंग HAFLONG 132 kV	0%	100%	0%	139	125	132
5		आइजोल AIZWAL 132 kV	0%	100%	0%	136	119	129
6		कुमारघाट KUMARGHAT 132 kV	0%	100%	0%	132	132	132
7		इम्फाल IMPHAL 132 kV	64%	36%	0%	130	111	120
8		खलेरियट Khlieriat PG 132 kV	0%	100%	0%	142	124	132

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



**POWER SYSTEM OPERATION CORPORATION LIMITED**

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

NATIONAL LOAD DESPATCH CENTRE - राष्ट्रीय भार प्रेषण केन्द्र

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