



**पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

21-Mar-14

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	33476	37528	32877	15813	1807	121501
Peak Shortage (MW)	1918	426	4765	258	235	7602
Energy Met (MU)	766	909	793	322	29	2818
Hydro Gen(MU)	147	74	126	28	3	378
Wind Gen(MU)	4	15	9	-----	-----	28

**B. Frequency Profile (%)**

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.0	0.1	6.4	23.4	29.9	56.3	13.8
SR GRID	0.0	0.1	6.4	23.4	29.9	56.3	13.8

NEW and SR grid running in synchronisation.

**C. Power Supply Position in States**

Region/Region	States	Max. Demand Met during the day (MW)	Peak hour Shortage (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)
NR	Punjab	4962	0	95.6	42.2	0.8	138
	Haryana	5143	58	108.0	70.9	0.2	188
	Rajasthan	8435	0	182.9	69.7	-0.2	201
	Delhi	2995	190	57.7	42.6	-0.2	258
	UP	10403	1420	232.1	92.7	-2.2	301
	Uttarakhand	1541	150	30.4	17.9	2.3	232
	HP	1335	0	24.4	14.9	-0.3	70
	J&K	1563	100	31.6	25.7	-3.5	138
WR	Chandigarh	176	0	3.3	3.5	-0.2	5
	Chhattisgarh	3167	67	74.7	18.1	3.0	280
	Gujarat	11756	56	259.7	57.8	-1.3	312
	MP	6774	37	142.6	61.6	-1.8	209
	Maharashtra	18251	212	391.5	115.4	4.3	342
	Goa	400	47	8.9	7.0	1.1	52
	DD	260	1	6.2	5.7	0.5	27
	DNH	599	3	13.8	13.7	0.0	34
SR	Essar steel	543	3	11.5	11.8	-0.3	102
	Andhra Pradesh	12525	1200	277.4	93.7	5.7	461
	Karnataka	8192	1100	186.6	20.5	3.8	317
	Kerala	3350	0	66.2	29.9	1.8	293
	Tamil Nadu	11488	2465	256.5	86.7	0.2	619
ER	Pondy	316	0	6.6	6.2	0.4	115
	Bihar	1941	100	41.9	38.5	-0.5	198
	DVC	2574	100	57.9	-20.1	-1.0	285
	Jharkhand	863	58	18.0	13.1	0.7	195
	Odisha	3675	0	70.7	10.6	-1.0	345
	West Bengal	6947	0	131.8	43.4	-0.2	385
NER	Sikkim	75	0	1.3	1.3	0.0	32
	Arunachal Pradesh	112	3	1.5	1.3	0.2	40
	Assam	1015	136	17.1	12.2	-0.4	82
	Manipur	98	22	1.5	1.5	0.0	24
	Meghalaya	250	16	3.8	3.2	0.0	66
	Mizoram	70	5	1.0	1.0	-0.2	20
	Nagaland	94	3	1.4	1.5	-0.4	15
Tripura	212	2	2.6	0.3	0.1	56	

**D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)**

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.6	-2.9	-8.8
Max MW		-135.0	-445.0

**E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)**

	NR	WR	SR	ER	NER
Schedule(MU)	107.8	-102.3	36.3	-49.1	6.3
Actual(MU)	102.8	-101.6	40.2	-48.8	5.0
O/D/U/D(MU)	-5.0	0.7	3.9	0.3	-1.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4726	5965	1970	1470	330	14461
State Sector	7045	12151	2680	4989	110	26975
Total	11771	18116	4650	6459	440	41436

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

<b>INTER-REGIONAL EXCHANGES</b>						Date of Reporting : 21-Mar-14		
						Import=(+ve) /Export =(-ve)		
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-FATEHPUR	S/C	172	-89	1	0.0	0.7
2		SASARAM-FATEHPUR	D/C	0	0	0	-1.1	-1.1
3	HVDC LINK	PUSAULI B/B	S/C	0	-300	0	0	0
4	400 KV	PUSAULI-SARNATH	S/C	271	-246	0	-2	-2
5		PUSAULI -ALLAHABAD	D/C	127	-175	0	-1	-1
6		MUZAFFARPUR-GORAKHPUR	D/C	64	-351	0	-4.1	-4.1
7		PATNA-BALIA	D/C	0	-360	0	-12.4	-12.4
8		BIHARSHARIFF-BALIA	S/C	0	-469	0	-6	-6.3
9	220 KV	PUSAULI-BALIA	D/C	161	-29	1	0	1
10		PUSAULI-SAHUPURI	S/C	0	-152	0	-3.0	-3.0
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0	0	0
12		GARWAH-RIHAND	S/C	35	0	1	0	0.5
13		KARMANASA-SAHUPURI	S/C	2	0	0	0	0
14		KARMANASA-CHANDALI	S/C	0	0	0	0	0
<b>ER-NR</b>						<b>2</b>	<b>-29.8</b>	<b>-27.8</b>
<b>Import/Export of ER (With WR)</b>								
15	400 KV	JHARSUGUDA-RAIGARH	D/C	252	-151	2.8	0	2.8
16		STERLITE-RAIGARH	D/C	1	-152	0	-3.3	-3.3
17		RANCHI-SIPAT	D/C	401	0	6	0.0	5.9
18	220 KV	BUDHIPADAR-RAIGARH	S/C	0	-181	0	-3.3	-3.3
19		BUDHIPADAR-KORBA	D/C	66	-64	0	0	-0.1
<b>ER-WR</b>						<b>8.6</b>	<b>-6.6</b>	<b>2.0</b>
<b>Import/Export of ER (With SR)</b>								
20	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-749	0	-18.2	-18.2
21		TALCHER-KOLAR BIPOLE	D/C	0	-2211	0	-45.3	-45.3
22	400 KV	TALCHER-I/C		295	-284	1	0.0	1.0
23	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0
<b>ER-SR</b>						<b>1</b>	<b>-18.2</b>	<b>-17.2</b>
<b>Import/Export of ER (With NER)</b>								
24	400 KV	BINAGURI-BONGAIGAON	D/C	42	-458	0	-4.7	-4.7
25	220 KV	BIRPARA-SALAKATI	D/C	25	-100	0	-0.6	-0.6
<b>ER-NER</b>						<b>0</b>	<b>-5.3</b>	<b>-5.3</b>
<b>Import/Export of WR (With NR)</b>								
26	HVDC	V'CHAL B/B	D/C	100	-500	1	-7	-6.7
27	765 KV	GWALIOR-AGRA	D/C	0	-1680	0	-32.6	-32.6
28	400 KV	ZERDA-KANKROLI	S/C	301	-59	4.3	0	4.3
29	400 KV	ZERDA -BHINMAL	S/C	236	-98	1.7	0	1.7
30	220 KV	BADOD-KOTA	S/C	18	0	1.1	0	1.1
31		BADOD-MORAK	S/C	90	-22	0.5	0	0.5
32		MEHGAON-AURAIYA	S/C	83	0	1.3	0	1.3
33		MALANPUR-AURAIYA	S/C	42	0	0.6	0	0.6
34		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0	0
<b>WR-NR</b>						<b>10.1</b>	<b>-40.0</b>	<b>-29.8</b>
35	HVDC	APL -MHG	D/C	0	-2014	0	-44.9	-44.9
<b>Import/Export of WR (With SR)</b>								
36	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0	-23.5	-24
37		BARSUR-L.SILERU	-	0	0	0	0	0.0
38	765 KV	SOLAPUR-RAICHUR	I	425	-663	0	0.0	-1.4
39	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0	0	0.0
40		PONDA-AMBEWADI	S/C	0	0	0	0	0.0
41		XELDEM-AMBEWADI	S/C	85	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>1.6</b>	<b>-24</b>	<b>-23.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
42		BHUTAN						<b>2.6</b>
43		NEPAL						<b>-2.9</b>
44		BANGLADESH						<b>-8.8</b>