



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

Report for previous day

Date of Reporting

22-Jan-14

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	34771	36625	32519	14749	1791	120455
Peak Shortage (MW)	2327	632	1708	0	253	4920
Energy Met (MU)	739	843	760	297	31	2669
Hydro Gen(MU)	90	51	78	13	7	239
Wind Gen(MU)	8	15	31	-----	-----	54

**B. Frequency Profile (%)**

Region	<49.2	49.2-49.5	49.5-49.7	49.7-49.8	<49.7	49.7-50.2	> 50.2
NEW GRID	0.0	0.0	0.5	2.5	0.5	89.8	9.7
SR GRID	0.0	0.0	0.6	3.6	0.6	93.5	5.9

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	4573	0	84.1	31.4	1.4	217
	Haryana	5853	0	105.2	34.3	-11.0	1169
	Rajasthan	7771	0	170.2	61.0	-2.0	684
	Delhi	3666	7	67.8	46.6	-1.1	468
	UP	9757	2180	205.9	84.9	-3.6	278
	Uttarakhand	1755	40	35.1	23.4	4.3	324
	HP	1300	0	25.1	20.8	0.0	91
	J&K	1915	100	41.0	33.0	2.3	274
WR	Chandigarh	218	0	3.9	3.1	0.8	69
	Chhattisgarh	2961	137	66.3	18.3	2.5	408
	Gujarat	10410	0	224.6	36.2	-0.3	750
	MP	7743	9	146.7	83.7	-6.4	239
	Maharashtra	17108	484	371.4	117.2	7.2	641
	Goa	390	1	7.8	7.5	-0.4	9
	DD	246	0	5.9	5.9	0.1	1
	DNH	616	1	14.7	14.2	0.5	68
SR	Essar steel	322	0	5.2	5.6	-0.4	75
	Andhra Pradesh	11936	500	268.2	92.1	6.1	767
	Karnataka	8740	400	180.4	19.9	-0.1	969
	Kerala	3259	150	59.9	25.5	2.4	349
	Tamil Nadu	11377	658	245.8	87.2	-0.3	288
	Pondy	300	0	5.6	6.4	-0.8	10
ER	Bihar	2111	0	42.5	39.2	0.7	190
	DVC	2680	0	57.7	-12.6	-2.0	120
	Jharkhand	1082	0	21.4	11.4	-1.8	70
	Odisha	3522	0	65.7	12.9	4.6	240
	West Bengal	6243	0	107.9	20.7	6.5	420
NER	Sikkim	92	0	1.5	1.2	0.3	14
	Arunachal Pradesh	110	5	1.5	1.1	0.4	49
	Assam	972	159	17.8	10.8	2.4	206
	Manipur	103	13	1.5	1.4	0.1	24
	Meghalaya	288	2	4.8	3.4	0.0	49
	Mizoram	77	8	1.2	0.9	0.1	31
	Nagaland	88	14	1.5	1.4	-0.1	20
Tripura	194	1	3.0	-0.7	1.2	14	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.9	-2.7	-10.3
Max MW		-143.9	-472.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	103.9	-86.7	29.7	-55.2	4.8
Actual(MU)	99.5	-85.0	26.6	-53.7	9.2
O/D/U/D(MU)	-4.4	1.8	-3.1	1.5	4.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3729	4492	700	1470	371	10762
State Sector	6370	10687	1010	5934	110	24110
Total	10099	15179	1710	7404	481	34873

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 : 22-Jan-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	79	-170	0	-0.7	-0.7	
2		SASARAM-FATEHPUR	D/C	0	0	0	-1.7	-1.7	
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0	-10	-10	
4	400 KV	PUSAULI-SARNATH	S/C	0	-255	0	0	0	
5		PUSAULI -ALLAHABAD	D/C	0	-195	0	0	0	
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-513	0	-5.9	-5.9	
7		PATNA-BALIA	D/C	0	-406	0	-8.5	-8.5	
8		BIHARSHARIFF-BALIA	S/C	0	-335	0	-5	-5.1	
9	220 KV	PUSAULI-BALIA	D/C	137	0	2	0	2	
10		PUSAULI-SAHUPURI	S/C	0	-192	0	-3.4	-3.4	
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0	0	0	
12		GARWAH-RIHAND	S/C	35	0	0	0	0.0	
13		KARMANASA-SAHUPURI	S/C	0	0	0	0	0	
14		KARMANASA-CHANDAULI	S/C	0	0	0	0	0	
<b>ER-NR</b>						<b>2</b>	<b>-34.8</b>	<b>-32.4</b>	
<b>Import/Export of ER (With WR)</b>									
15	400 KV	JHARSUGUDA-RAIGARH	D/C	477	-194	0.0	-4	-4.0	
16		STERLITE-RAIGARH	D/C	81	-65	0	-0.4	-0.4	
17		RANCHI-SIPAT	D/C	463	-59	5	0.0	5.1	
18	220 KV	BUDHIPADAR-RAIGARH	S/C	0	-229	0	-3.1	-3.1	
19		BUDHIPADAR-KORBA	D/C	86	-103	0	0	0.0	
<b>ER-WR</b>						<b>5.4</b>	<b>-7.8</b>	<b>-2.5</b>	
<b>Import/Export of ER (With SR)</b>									
20	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-590	0	-10.6	-10.6	
21		TALCHER-KOLAR BIPOLE	D/C	0	-1979	0	-44.4	-44.4	
22	400 KV	TALCHER-I/C		309	-162	1	0.0	1.5	
23	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0	
<b>ER-SR</b>						<b>1</b>	<b>-10.6</b>	<b>-9.1</b>	
<b>Import/Export of ER (With NER)</b>									
24	400 KV	BINAGURI-BONGAIGAON	D/C	0	-546	0	-7.3	-7.3	
25	220 KV	BIRPARA-SALAKATI	D/C	0	-145	0	-1.8	-1.8	
<b>ER-NER</b>						<b>0</b>	<b>-9.1</b>	<b>-9.1</b>	
<b>Import/Export of WR (With NR)</b>									
26	HVDC	V'CHAL B/B	D/C	500	-500	1.705	-4.86	-3.2	
27	765 KV	GWALIOR-AGRA	D/C	0	-1752	0	-30.459	-30.5	
28	400 KV	ZERDA-KANKROLI	S/C	371	-59	5.1	0	5.1	
29	400 KV	ZERDA -BHINMAL	S/C	298	-1158	0.0	2	2.0	
30	220 KV	BADOD-KOTA	S/C	109	0	1.1	0	1.1	
31		BADOD-MORAK	S/C	94	0	1.4	0	1.4	
32		MEHGAON-AURAIYA	S/C	66	0	1.2	0	1.2	
33		MALANPUR-AURAIYA	S/C	40	0	0.6	0	0.6	
34		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0	0	0
<b>WR-NR</b>						<b>9.4</b>	<b>2.0</b>	<b>-22.2</b>	
35	HVDC	APL -MHG	D/C	0	2000	0	-44.2	-44.2	
<b>Import/Export of WR (With SR)</b>									
36	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0	-17.565	-18	
37		BARSUR-L.SILERU	-	0	0	0	0	0.0	
38	765 KV	SOLAPUR-RAICHUR	I	527	-310	0	0	-1.1	
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	102	0	2.0	0.0	2.0	
<b>WR-SR</b>						<b>2.0</b>	<b>0</b>	<b>-16.7</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
42		BHUTAN						<b>2.9</b>	
43		NEPAL						<b>-2.7</b>	
44		BANGLADESH						<b>-10.3</b>	