



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

Report for previous day

Date of Reporting

21-Jan-14

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	36273	37489	32774	14971	1772	123279
Peak Shortage (MW)	2303	760	1905	330	320	5618
Energy Met (MU)	768	865	759	290	32	2714
Hydro Gen(MU)	92	64	77	16	7	256
Wind Gen(MU)	8	21	37	-----	-----	66

**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	0.0	0.8	0.0	93.9	6.1
SR GRID	0.0	0.0	0.0	0.8	0.0	93.9	6.1

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	4610	0	86.4	31.8	1.4	212
	Haryana	5853	0	105.2	50.1	-2.0	243
	Rajasthan	9301	0	192.7	72.8	-5.7	0
	Delhi	3797	0	66.2	46.1	-1.1	401
	UP	9929	2155	216.3	84.4	-3.5	345
	Uttarakhand	1669	40	32.7	22.9	2.4	220
	HP	1253	8	23.8	19.4	0.1	68
	J&K	1955	100	41.3	32.1	3.4	264
WR	Chandigarh	215	0	3.8	3.1	0.7	54
	Chhattisgarh	2963	208	64.9	17.8	1.2	380
	Gujarat	11472	0	243.4	30.8	0.6	750
	MP	8298	15	159.8	76.2	-1.3	755
	Maharashtra	17589	533	363.4	111.8	5.6	640
	Goa	400	1	7.8	7.4	-0.3	35
	DD	241	1	5.8	5.6	0.2	15
	DNH	647	1	15.1	14.7	0.4	42
SR	Essar steel	232	0	4.4	5.2	-0.8	75
	Andhra Pradesh	11715	500	269.1	95.2	5.4	594
	Karnataka	8826	350	181.4	20.9	-0.2	727
	Kerala	3305	300	59.3	24.1	2.0	302
	Tamil Nadu	11774	755	243.3	85.9	-2.3	333
	Pondy	295	0	5.6	6.5	-0.9	0
ER	Bihar	1937	300	42.0	38.5	0.9	180
	DVC	2693	30	52.4	-12.8	-1.2	210
	Jharkhand	1071	0	21.3	11.1	-1.4	80
	Odisha	3729	0	68.1	14.6	2.9	410
	West Bengal	6218	0	104.8	18.9	4.4	390
NER	Sikkim	100	0	1.6	1.4	0.2	19
	Arunachal Pradesh	109	6	1.5	1.3	0.2	49
	Assam	980	184	18.0	12.1	1.1	206
	Manipur	99	17	1.6	1.7	-0.1	24
	Meghalaya	304	1	4.9	3.7	-0.1	49
	Mizoram	81	4	1.2	1.0	-0.1	31
	Nagaland	87	15	1.5	1.5	-0.2	20
Tripura	194	1	2.7	0.7	-0.6	14	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-2.7	-10.3
Max MW		-122.0	-472.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	115.3	-107.3	29.8	-42.2	4.3
Actual(MU)	118.0	-108.0	21.7	-39.8	4.0
O/D/U/D(MU)	2.7	-0.7	-8.1	2.4	-0.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3929	4692	410	1470	371	10872
State Sector	6020	9367	1570	5934	110	23000
Total	9949	14059	1980	7404	481	33873

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

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								
						Date of Reporting : 21-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	107	-143	0	-0.8	-0.8
2		SASARAM-FATEHPUR	D/C	0	0	0	-2.8	-2.8
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0	-9	-9
4	400 KV	PUSAULI-SARNATH	S/C	0	-239	0	0	0
5		PUSAULI -ALLAHABAD	D/C	0	-202	0	0	0
6		MUZAFFARPUR-GORAKHPUR	D/C	14	-416	0	-6.9	-6.9
7		PATNA-BALIA	D/C	0	-387	0	-11.5	-11.5
8		BIHARSHARIF-BALIA	S/C	0	-439	0	-6	-6.4
9	220 KV	PUSAULI-BALIA	D/C	134	0	2	0	2
10		PUSAULI-SAHUPURI	S/C	0	-190	0	-3.3	-3.3
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0	0	0
12		GARWAH-RIHAND	S/C	36	0	1	0	0.5
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>-41.1</b>	<b>-38.6</b>
<b>Import/Export of ER (With WR)</b>								
15	400 KV	JHARSUGUDA-RAIGARH	D/C	409	-29	4.3	0	4.3
16		STERLITE-RAIGARH	D/C	0	-65	1	0.0	0.7
17		RANCHI-SIPAT	D/C	600	0	7	0.0	6.8
18	220 KV	BUDHIPADAR-RAIGARH	S/C	0	-158	0	-2.3	-2.3
19		BUDHIPADAR-KORBA	D/C	97	-61	1	0	0.5
<b>ER-WR</b>						<b>12.4</b>	<b>-2.4</b>	<b>10.0</b>
<b>Import/Export of ER (With SR)</b>								
20	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-489	0	-12.4	-12.4
21		TALCHER-KOLAR BIPOLE	D/C	0	-1880	0	-39.8	-39.8
22	400 KV	TALCHER-I/C		495	0	6	0.0	6.2
23	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0
<b>ER-SR</b>						<b>6</b>	<b>-12.4</b>	<b>-6.2</b>
<b>Import/Export of ER (With NER)</b>								
24	400 KV	BINAGURI-BONGAIGAON	D/C	63	-482	0	-3.6	-3.6
25	220 KV	BIRPARA-SALAKATI	D/C	11	-111	0	-0.9	-0.9
<b>ER-NER</b>						<b>0</b>	<b>-4.5</b>	<b>-4.5</b>
<b>Import/Export of WR (With NR)</b>								
26	HVDC	V'CHAL B/B	D/C	100	-500	0.360	-7.382	-7.0
27	765 KV	GWALIOR-AGRA	D/C	0	-1838	0	-35.192	-35.2
28	400 KV	ZERDA-KANKROLI	S/C	258	-59	2.3	0	2.3
29	400 KV	ZERDA -BHINMAL	S/C	176	-187	0.0	0	-0.4
30	220 KV	BADOD-KOTA	S/C	102	0	1.4	0	1.4
31		BADOD-MORAK	S/C	66	-9	0.6	0	0.6
32		MEHGAON-AURAIYA	S/C	64	0	1.0	0	1.0
33		MALANPUR-AURAIYA	S/C	28	0	0.4	0	0.4
34	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0	0	0
<b>WR-NR</b>						<b>5.7</b>	<b>-0.4</b>	<b>-36.9</b>
35	HVDC	APL -MHG	D/C	0	2000	0	-45.9	-45.9
<b>Import/Export of WR (With SR)</b>								
36	HVDC LINK	BHADRAWATI B/B	-	0	-800	0	-15.714	-16
37		BARSUR-L.SILERU	-	0	0	0	0	0.0
38	765 KV	SOLAPUR-RAICHUR	I	547	-257	0	0	-0.1
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>-13.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
42		BHUTAN						<b>2.7</b>
43		NEPAL						<b>-2.7</b>
44		BANGLADESH						<b>-10.3</b>