

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

Report for previous day

Date of Reporting

31-Dec-14

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40469	40242	32256	14690	2145	129802
Peak Shortage (MW)	2277	272	1642	609	118	4918
Energy Met (MU)	847	917	738	294	38	2833
Hydro Gen(MU)	95	42	80	16	6	239
Wind Gen(MU)	10	22	8	-----	-----	39

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	0.00	4.23	5.06	18.12	27.43	51.52	21.04
SR GRID	0.00	4.23	5.06	18.12	27.43	51.52	21.04

C. Power Supply Position in States

Region/Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)
NR	Punjab	5192	0	95.6	37.5	-0.3	93
	Haryana	6101	58	115.2	47.6	-2.0	360
	Rajasthan	10302	0	213.3	86.9	1.4	426
	Delhi	3995	0	68.9	47.5	-2.3	220
	UP	10235	3055	247.3	88.7	-0.1	260
	Uttarakhand	1811	0	34.4	26.5	-0.1	228
	HP	1359	0	25.3	21.4	-0.4	123
	J&K	2070	365	43.0	36.3	1.9	272
WR	Chhattisgarh	229	0	4.0	3.9	0.3	22
	Gujarat	11930	0	253.6	59.4	0.4	455
	MP	9908	0	194.5	104.9	-2.0	474
	Maharashtra	17960	711	365.7	93.9	-1.2	652
	Goa	407	0	7.9	7.1	0.3	114
	DD	261	0	5.8	5.8	0.0	18
	DNH	644	0	15.1	15.1	-0.4	3
	Essar steel	274	0	5.7	6.1	-0.4	51
SR	Andhra Pradesh	5654	0	125.2	21.3	1.9	313
	Telangana	6412	300	135.5	74.6	2.5	444
	Karnataka	8633	600	177.3	26.3	3.1	383
	Kerala	3395	125	61.2	43.8	2.3	251
	Tamil Nadu	10949	549	233.3	87.1	-0.6	324
	Pondy	299	0	5.6	5.8	-0.2	26
ER	Bihar	2637	0	52.5	57.1	-6.7	230
	DVC	2328	50	53.8	-23.6	-0.1	290
	Jharkhand	1062	0	22.1	11.0	0.0	110
	Odisha	3321	200	63.6	24.2	3.8	340
	West Bengal	6720	0	100.2	18.2	4.7	380
	Sikkim	100	0	1.5	1.2	0.4	32
NER	Arunachal Pradesh	117	3	1.9	1.4	0.5	47
	Assam	1177	84	21.7	13.6	3.2	154
	Manipur	132	4	1.8	2.4	-0.6	19
	Meghalaya	320	2	6.0	4.8	-0.1	68
	Mizoram	85	1	1.3	1.1	0.1	29
	Nagaland	117	0	2.5	1.6	0.5	38
	Tripura	208	2	2.4	1.1	-0.7	23

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.9	-3.7	-7.1
Max MW		-180.0	-461.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	143.5	-110.3	44.1	-86.4	8.9
Actual(MU)	143.2	-116.0	48.1	-83.6	11.0
O/D/U/D(MU)	-0.3	-5.7	4.0	2.8	2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3070	10093	2650	1470	50	17333
State Sector	6118	11295	2792	6141	110	26456
Total	9188	21388	5442	7611	160	43789

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
						Date of Reporting : 31-Dec-14		
						Import=(+ve) /Export =(-ve)		
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-FATEHPUR	S/C	0	-635	0.0	-8.7	-8.7
2		SASARAM-FATEHPUR	S/C	0	0	0.0	-1.8	-1.8
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	-11.0	-11.0
4	400 KV	PUSAULI-SARNATH	S/C	0	-277	0.0	0.0	0.0
5		PUSAULI -ALLAHABAD	D/C	0	-243	0.0	0.0	0.0
6		MUZAFFARPUR-GORAKHPUR	D/C	198	-286	0.0	-1.4	-1.4
7		PATNA-BALIA	Q/C	0	-398	0.0	-15.4	-15.4
8		BIHARSHARIFF-BALIA	D/C	219	-200	0.8	0.0	0.8
9	220 KV	PUSAULI-BALIA	D/C	0	0	0.0	0.0	0.0
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-187	0.0	-2.8	-2.8
11	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
12		GARWAH-RIHAND	S/C	26	0	0.9	0.0	0.9
13		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
14		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.7	-41.1	-39.4
Import/Export of ER (With WR)								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-169	108	-0.5	0.0	-0.5
16		NEW RANCHI-DHARAMJAIGARH	S/C	-348	50	-2.3	0.0	-2.3
17	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	-2.0	-2.0
18		JHARSUGUDA-RAIGARH	S/C	86	-200	0.0	-1.4	-1.4
19		IBEUL-RAIGARH	S/C	86	-200	0.0	-1.4	-1.4
20		STERLITE-RAIGARH	D/C	0	0	0.0	-1.4	-1.4
21		RANCHI-SIPAT	D/C	1	0	0.0	-8.3	-8.3
22	220 KV	BUDHIPADAR-RAIGARH	S/C	108	-209	0.0	-0.4	-0.4
23		BUDHIPADAR-KORBA	D/C	0	-3	0.0	0.0	0.0
ER-WR						-2.8	-15.0	-17.8
Import/Export of ER (With SR)								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-678.266	0	-16.1365	-16.1365
25		TALCHER-KOLAR BIPOLE	D/C	0	-2167.47	0	-45.562	-45.562
26	400 KV	TALCHER-I/C		0	0	0	0	0
27	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0	0	0
ER-SR						0.0	-61.7	-61.7
Import/Export of ER (With NER)								
27	400 KV	BINAGURI-BONGAIGAON	Q/C	0	0	0	0	0
28	220 KV	BIRPARA-SALAKATI	D/C	0	-416	0	-10	-10
ER-NER						0.0	-10.1	-10.1
Import/Export of WR (With NR)								
29	HVDC	V'CHAL B/B	D/C	0	-450	0.0	-5.5	-5.5
30	765 KV	GWALIOR-AGRA	D/C	0	-2084	0.0	-38.2	-38.2
31	400 KV	ZERDA-KANKROLI	S/C	265	-59	2.7	0.0	2.7
32	400 KV	ZERDA -BHINMAL	S/C	237	-181	0.5	0.0	0.5
33	400 KV	V'CHAL -RIHAND	S/C	0	-515	0.0	-10.0	-10.0
34	220 KV	BADOD-KOTA	S/C	104	0	1.5	0.0	1.5
35		BADOD-MORAK	S/C	40	-70	0.2	-0.5	-0.3
36		MEHGAON-AURAIYA	S/C	78	0	1.5	0.0	1.5
37		MALANPUR-AURAIYA	S/C	47	0	0.7	0.0	0.7
38	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						7.1	-54.2	-47.1
39	HVDC	APL -MHG	D/C	0	-2217	0.0	-51.9	-51.9
Import/Export of WR (With SR)								
40	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0.0	-24.0	-24.0
41		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
42	765 KV	SOLAPUR-RAICHUR	D/C	233	-809	0.0	-8.5	-8.5
43	220 KV	KOLHAPUR-CHIKODI	D/C	0	-112	0.0	-2.2	-2.2
44		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
45		XELDEM-AMBEWADI	S/C	96	0	1.9	0.0	1.9
WR-SR						1.9	-34.7	-32.8
TRANSNATIONAL EXCHANGE								
46		BHUTAN	Energy Exchange (In MU)					
47		NEPAL	2.9					
48		BANGLADESH	-3.7					