

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

Report for previous day

Date of Reporting

31-Jan-15

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	37936	37822	33776	15173	2098	126805
Peak Shortage (MW)	1525	245	1424	184	178	3556
Energy Met (MU)	821	881	795	303	35	2835
Hydro Gen(MU)	83	45	69	14	5	217
Wind Gen(MU)	5	28	21	-----	-----	54

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	0.00	1.31	8.19	9.50	59.28	31.22
SR GRID	0.00	0.00	1.31	8.19	9.50	59.28	31.22

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	5031	0	95.9	42.5	0.5	248
	Haryana	6223	0	117.5	48.2	-1.2	128
	Rajasthan	10134	0	204.5	69.9	4.6	456
	Delhi	4003	0	68.5	47.8	-1.5	149
	UP	9924	2735	225.4	90.1	-0.6	182
	Uttarakhand	1930	0	36.0	28.1	0.8	181
	HP	1393	0	26.2	22.6	0.1	120
	J&K	2016	356	43.0	37.9	0.8	152
WR	Chhattisgarh	231	0	4.0	4.0	0.3	48
	Gujarat	3269	96	71.1	24.8	0.6	353
	MP	11843	0	253.9	37.8	0.0	532
	Maharashtra	7955	0	152.1	82.8	-2.1	351
	Goa	17556	738	366.2	110.9	-2.8	455
	DD	412	0	8.1	7.4	0.1	52
	DNH	271	0	6.0	6.1	-0.1	20
	Essar steel	659	0	15.3	15.4	-0.2	88
SR	Andhra Pradesh	440	0	8.3	8.5	-0.2	140
	Telangana	6335	0	140.6	25.3	0.8	566
	Karnataka	6342	300	133.4	73.9	4.1	409
	Kerala	9165	200	189.4	32.4	2.6	374
	Tamil Nadu	3290	125	62.3	44.5	1.9	203
	Pondy	12030	705	263.3	108.3	2.1	393
ER	Bihar	312	0	6.1	6.1	0.0	23
	DVC	2655	200	53.4	53.0	-3.9	230
	Jharkhand	2421	0	54.9	-17.4	0.5	190
	Odisha	1082	0	21.4	11.2	-0.5	80
	West Bengal	3537	0	63.2	17.6	2.8	300
	Sikkim	6160	0	107.9	17.6	1.9	290
NER	Arunachal Pradesh	130	0	1.9	1.2	0.7	40
	Assam	103	5	1.6	1.4	0.2	32
	Manipur	1168	106	19.7	13.7	1.1	157
	Meghalaya	135	3	2.1	2.3	-0.2	42
	Mizoram	335	2	5.5	5.2	-0.6	21
	Nagaland	81	2	1.2	1.0	0.2	24
	Tripura	116	3	2.3	1.6	0.7	32

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.8	-3.5	-9.0
Max MW		-180.0	-473.0

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

	NR	WR	SR	ER	NER
Schedule(MU)	127.7	-124.8	48.0	-60.0	8.6
Actual(MU)	122.1	-122.1	51.8	-63.7	9.9
O/D/U/D(MU)	-5.6	2.7	3.8	-3.7	1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3591	10912	750	2070	50	17373
State Sector	6095	12099	1592	4589	110	24485
Total	9686	23011	2342	6659	160	41858

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-Jan-15		
						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	-433	0.0	-5.7	-5.7
		GAYA-BALIA	S/C					
2		SASARAM-FATEHPUR	S/C	0	0	0.5	0.0	0.5
3	HVDC LINK	PUSAULI B/B	S/C	0	0	0.0	-0.3	-0.3
4	400 KV	PUSAULI-SARNATH	S/C	0	0	0.0	-8.8	-8.8
5		PUSAULI -ALLAHABAD	D/C	0	-233	0.0	0.0	0.0
6		MUZAFFARPUR-GORAKHPUR	D/C	0	-177	0.0	0.0	0.0
7		PATNA-BALIA	Q/C	187	-139	0.0	0.0	0.0
8		BIHARSHARIFF-BALIA	D/C	0	-431	0.0	-15.0	-15.0
10	220 KV	PUSAULI-SAHUPURI	S/C	0	-186	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	56	0	0.9	0.0	0.9
13		KARMANASA-SAHUPURI	S/C	0	-1	0.0	0.0	0.0
14		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.4	-32.6	-31.2
Import/Export of ER (With WR)								
15	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	-3	94	0.0	0.9	0.9
16		NEW RANCHI-DHARAMJAIGARH	S/C	-34	207	0.0	0.6	0.6
17	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.1	0.0	0.1
18		JHARSUGUDA-RAIGARH	S/C	48	-100	0.0	0.0	0.0
19		IBEUL-RAIGARH	S/C	48	-100	0.0	0.0	0.0
20		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
21		RANCHI-SIPAT	D/C	1	0	0.0	-3.4	-3.4
22	220 KV	BUDHIPADAR-RAIGARH	S/C	167	-104	0.7	0.0	0.7
23		BUDHIPADAR-KORBA	D/C	0	-206	0.0	-3.6	-3.6
ER-WR						0.9	-5.5	-4.6
Import/Export of ER (With SR)								
24	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0	-723	0	-16.9	-16.9
25		TALCHER-KOLAR BIPOLE	D/C	0	-2262	0	-47.3	-47.3
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	-64.2	-64.2
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	-311	0	-10	-10
ER-NER						0.0	-9.6	-9.6
Import/Export of WR (With NR)								
29	HVDC	V'CHAL B/B	D/C	500	0	9.093	0.0	9.1
30	765 KV	GWALIOR-AGRA	D/C	0	-2294	0.0	-43.0	-43.0
31	400 KV	ZERDA-KANKROLI	S/C	215	-111	0.9	0.0	0.9
32	400 KV	ZERDA -BHINMAL	S/C	112	-215	0.0	-1.3	-1.3
33	400 KV	V'CHAL -RIHAND	S/C	0	-518	0.0	-10.5	-10.5
34	220 KV	BADOD-KOTA	S/C	71	0	1.0	0.0	1.0
35		BADOD-MORAK	S/C	16	-61	0.1	-0.5	-0.5
36		MEHGAON-AURAIYA	S/C	66	0	1.1	0.0	1.1
37		MALANPUR-AURAIYA	S/C	39	0	0.5	0.0	0.5
38	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						3.6	-55.4	-42.6
39	HVDC	APL -MHG	D/C	0	-2318	0.0	-55.3	-55.3
Import/Export of WR (With SR)								
40	HVDC LINK	BHADRAWATI B/B	-	0	-1000	0.0	-23.906	-23.9
41		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
42	765 KV	SOLAPUR-RAICHUR	D/C	157	-740	0.0	-10.2	-10.2
43	220 KV	KOLHAPUR-CHIKODI	D/C	0	-206	0.0	-3.2	-3.2
44		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
45		XELDEM-AMBEWADI	S/C	89	0	1.9	0.0	1.9
WR-SR						1.9	-13.3	-35.3
TRANSNATIONAL EXCHANGE								
46		BHUTAN						1.8
47		NEPAL						-3.5
48		BANGLADESH						-9.0