



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

Report for previous day

Date of Reporting 31-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40317	44491	37291	16805	2228	141132
Peak Shortage (MW)	506	56	0	100	61	723
Energy Met (MU)	812	1025	841	328	39	3045
Hydro Gen(MU)	108	46	46	21	11	231
Wind Gen(MU)	7	14	24	-----	-----	45
Solar Gen (MU)*	0.95	11.81	17.20	0.05	0.02	30

**B. Frequency Profile (%)**

Region	FVI	<49.7	49.7-49.8	49.8-49.9	>49.9	49.9-50.05	> 50.05
All India	0.030	0.00	0.00	3.63	3.63	80.14	16.23

**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	4853	0	89.7	34.0	-0.6	240
	Haryana	5895	0	98.0	64.1	-1.7	293
	Rajasthan	9305	0	193.9	70.9	3.9	438
	Delhi	3761	0	60.2	51.8	-3.4	250
	UP	13060	0	261.4	93.9	2.2	286
	Uttarakhand	1903	0	34.9	20.6	0.5	184
	HP	1418	0	25.9	20.0	0.7	169
	J&K	2047	512	44.2	39.1	0.3	164
WR	Chhattisgarh	3216	229	73.2	15.9	2.2	469
	Gujarat	13314	0	284.5	79.7	-3.2	399
	MP	9867	0	198.9	122.5	-3.3	155
	Maharashtra	20728	0	425.9	153.1	2.6	536
	Goa	524	0	9.4	9.0	-0.2	59
	DD	301	0	6.7	6.6	0.1	14
	DNH	730	0	16.9	16.9	0.0	12
	Essar steel	460	0	9.4	9.2	0.2	200
SR	Andhra Pradesh	7010	0	151.8	23.6	2.6	420
	Telangana	8007	0	160.7	79.4	1.8	291
	Karnataka	9228	0	200.8	75.9	2.9	564
	Kerala	3597	0	67.9	56.2	2.3	177
	Tamil Nadu	12350	0	254.0	134.8	0.5	594
	Pondy	295	0	5.8	6.4	-0.6	18
ER	Bihar	3489	0	61.1	58.9	0.5	150
	DVC	2437	0	63.7	-31.3	-0.5	200
	Jharkhand	1113	0	23.0	16.4	0.1	120
	Odisha	3853	0	67.7	12.5	1.4	200
	West Bengal	6865	0	110.7	18.2	1.2	200
NER	Sikkim	88	0	2.2	1.7	0.5	15
	Arunachal Pradesh	91	2	2.1	1.7	0.4	51
	Assam	1361	22	22.0	16.3	1.7	241
	Manipur	137	6	2.3	2.4	-0.1	31
	Meghalaya	291	0	5.6	4.2	-0.2	88
	Mizoram	82	2	1.4	1.0	0.4	36
	Nagaland	83	3	2.0	1.7	0.2	11
Tripura	207	1	3.5	1.9	0.2	44	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-8.3	-12.5
Day peak (MW)	162.2	-384.3	-604.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.1	-191.1	73.4	-73.4	7.1	1.1
Actual(MU)	184.1	-194.7	62.5	-57.0	8.8	3.6
O/D/U/D(MU)	-1.0	-3.6	-10.9	16.3	1.7	2.5

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6631	11786	2050	2220	468	23155
State Sector	9825	19126	8072	5344	110	42477
Total	16456	30912	10122	7564	578	65632

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 31-Jan-17
								Import=(+ve) /Export =(-ve) for NET (MU)
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-VARANASI	D/C	0	349	0.0	9.7	-9.7
2		SASARAM-FATEHPUR	S/C	271	58	2.2	0.0	2.2
3		GAYA-BALIA	S/C	0	329	0.0	5.8	-5.8
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	215	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	68	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	124	454	0.0	4.9	-4.9
8		PATNA-BALIA	Q/C	0	979	0.0	16.9	-16.9
9		BIHARSHARIFF-BALIA	D/C	51	205	0.0	2.0	-2.0
10		BARH-GORAKHPUR	D/C	7	629	0.0	9.7	-9.7
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.3	0.0	0.3	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	182	0.0	3.2	-3.2
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>3.1</b>	<b>58.2</b>	<b>-55.1</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	332	154	0.9	0.0	0.9
18		NEW RANCHI-DHARAMJAIGARH	D/C	456	3	5.9	0.0	5.9
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	136	0	1.3	0.0	1.3
20		JHARSUGUDA-RAIGARH	S/C	123	0	1.8	0.0	1.8
21		IBEUL-RAIGARH	S/C	89	0	1.3	0.0	1.3
22		STERLITE-RAIGARH	D/C	0	189	0.0	2.7	-2.7
23		RANCHI-SIPAT	D/C	416	0	6.6	0.0	6.6
24	220 KV	BUDHIPADAR-RAIGARH	S/C	5	103	0.0	1.3	-1.3
25		BUDHIPADAR-KORBA	D/C	164	0	2.5	0.0	2.5
<b>ER-WR</b>						<b>20.2</b>	<b>4.1</b>	<b>16.1</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	359.4	0.0	15.4	-15.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2447.7	0.0	47.6	-47.6
28	400 KV	TALCHER-I/C	D/C	381.8	554.7	2.1	0.1	2.0
29	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.9	-12.9
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>76.0</b>	<b>-76.0</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0
32		ALIPURDUAR-BONGAIGAON	D/C	399	508	0.9	0.0	1
33	220 KV	ALIPURDUAR-SALAKATI	D/C	284	395	0.8	0.0	1
<b>ER-NER</b>						<b>1.7</b>	<b>0.0</b>	<b>1.7</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.1	11.1
<b>NR-NER</b>						<b>0.0</b>	<b>11.1</b>	<b>11.1</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	V'CHAL B/B	D/C	500	0	8.4	0.0	8.4
36	HVDC	APL -MHG	D/C	0	2316	0.0	48.0	-48.0
37	765 KV	GWALIOR-AGRA	D/C	0	2900	0.0	58.6	-58.6
38	765 KV	PHAGI-GWALIOR	D/C	0	1560	0.0	29.4	-29.4
39	400 KV	ZERDA-KANKROLI	S/C	80	87	0.2	0.0	0.2
40	400 KV	ZERDA -BHINMAL	S/C	6	218	0.0	2.3	-2.3
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	420	0	7	-7
43	220 KV	BADOD-KOTA	S/C	32	33	0.1	0.2	-0.1
44		BADOD-MORAK	S/C	0	60	0.0	0.9	-0.9
45		MEHGAON-AURAIYA	S/C	34	0	0.5	0.0	0.5
46		MALANPUR-AURAIYA	S/C	5	15	0.0	0.1	-0.1
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>9.2</b>	<b>146.4</b>	<b>-137.2</b>
<b>Import/Export of WR (With SR)</b>								
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.3	-20.3
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1274	0.0	23.3	-23.3
51	400 KV	KOLHAPUR-KUDGI	D/C	127	299	0.3	1.0	-0.7
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	280	0.0	5.9	-5.9
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	84	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>1.9</b>	<b>50.5</b>	<b>-48.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						2.3
55		NEPAL						-8.3
56		BANGLADESH						-9.3