



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

Report for previous day

Date of Reporting

7-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41683	43152	36962	16227	2299	140323
Peak Shortage (MW)	304	0	0	100	61	465
Energy Met (MU)	863	1019	872	321	37	3113
Hydro Gen(MU)	99	56	44	22	11	232
Wind Gen(MU)	5	13	15	-----	-----	32
Solar Gen (MU)*	0.15	9.02	16.60	0.05	0.02	26

**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	0.047	0.00	0.03	7.58	7.62	69.68	22.71

**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	5107	0	99.2	38.0	0.3	190
	Haryana	6340	0	118.6	82.0	0.3	350
	Rajasthan	9982	0	214.0	69.6	2.6	260
	Delhi	3660	0	61.3	48.8	0.7	260
	UP	13210	0	278.5	84.6	-0.5	295
	Uttarakhand	1942	0	34.2	19.8	-0.2	211
	HP	1410	0	24.4	21.7	-0.8	107
	J&K	1718	430	29.5	31.9	-7.1	89
WR	Chhattisgarh	3212	0	72.8	8.2	-0.2	219
	Gujarat	13552	0	285.3	84.8	2.3	452
	MP	9926	0	216.1	131.7	0.1	435
	Maharashtra	20014	0	403.2	135.2	1.3	500
	Goa	545	0	8.7	8.5	-0.2	42
	DD	292	0	6.6	6.5	0.1	37
	DNH	712	0	16.2	16.4	-0.2	39
	Essar steel	509	0	10.1	9.8	0.2	164
SR	Andhra Pradesh	7040	0	149.9	5.9	2.3	473
	Telangana	8372	0	157.9	65.5	1.4	321
	Karnataka	9323	0	199.7	69.9	4.8	550
	Kerala	3485	0	64.5	54.7	2.3	176
	Tamil Nadu	14008	0	293.2	149.4	3.1	650
	Pondy	315	0	6.3	6.7	-0.5	16
ER	Bihar	3571	0	62.4	60.6	-2.0	100
	DVC	2370	0	59.5	-38.6	-1.7	150
	Jharkhand	1108	0	23.3	15.4	1.8	125
	Odisha	4067	0	70.5	25.7	1.2	200
	West Bengal	6423	0	103.7	25.7	2.0	200
NER	Sikkim	121	0	2.0	1.6	0.4	25
	Arunachal Pradesh	119	3	1.9	1.7	0.2	25
	Assam	1381	16	22.2	16.3	2.0	135
	Manipur	136	7	2.0	2.2	-0.3	41
	Meghalaya	284	0	4.6	3.7	-0.1	72
	Mizoram	87	1	1.4	1.1	0.2	28
	Nagaland	107	6	2.1	1.6	0.5	29
Tripura	212	0	3.2	0.6	0.6	65	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.0	-7.3	-9.4
Day peak (MW)	285.0	-332.8	-596.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	196.1	-193.8	71.2	-82.5	8.9	-0.1
Actual(MU)	196.8	-204.6	79.5	-85.6	11.7	-2.2
O/D/U/D(MU)	0.7	-10.8	8.3	-3.1	2.8	-2.1

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6674	11576	2760	1100	422	22532
State Sector	10605	18581	7832	5974	110	43102
Total	17279	30157	10592	7074	531	65634

\*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(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	7-Jan-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	428	0.0	14.1	-14.1	
2		SASARAM-FATEHPUR	S/C	33	179	0.0	1.8	-1.8	
3		GAYA-BALIA	S/C	0	403	0.0	7.4	-7.4	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	226	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	0	77	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	41	320	0.0	4.5	-4.5	
8		PATNA-BALIA	Q/C	0	816	0.0	15.2	-15.2	
9		BIHARSHARIFF-BALIA	D/C	0	286	0.0	4.2	-4.2	
10		BARH-GORAKHPUR	D/C	0	290	0.0	11.5	-11.5	
11		BIHARSHARIFF-VARANASI	D/C	16	0	0.0	1.9	-1.9	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	161	0.0	2.8	-2.8	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.5	0.0	0.5	
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>0.5</b>	<b>69.5</b>	<b>-69.0</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	1085	0.0	14.9	-14.9	
18		NEW RANCHI-DHARAMJAIGARH	D/C	354	176	1.9	0.0	1.9	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	114	33	1.2	0.0	1.2	
20		JHARSUGUDA-RAIGARH	S/C	126	0	1.5	0.0	1.5	
21		IBEUL-RAIGARH	S/C	91	0	1.1	0.0	1.1	
22		STERLITE-RAIGARH	D/C	69	332	0.0	0.7	-0.7	
23		RANCHI-SIPAT	D/C	217	15	3.2	0.0	3.2	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	41	94	0.0	0.6	-0.6	
25		BUDHIPADAR-KORBA	D/C	201	0	3.1	0.0	3.1	
<b>ER-WR</b>						<b>12.0</b>	<b>16.3</b>	<b>-4.2</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	9.6	-9.6	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2449	0.0	46.7	-46.7	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-I/C		0.0	0	0.0	0.0	0.0	
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>56.3</b>	<b>-56.3</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	361	226	0.0	0.2	0	
32		ALIPURDUAR-BONGAIGAON	D/C	245	184	0.0	0.3	0	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.1	0.0	0	
<b>ER-NER</b>						<b>0.1</b>	<b>0.5</b>	<b>-0.4</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1	
<b>NR-NER</b>						<b>0.0</b>	<b>12.1</b>	<b>12.1</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	500	0	5.7	0.0	5.7	
36	HVDC	APL-MHG	D/C	0	2519	0.0	60.3	-60.3	
37	765 KV	GWALIOR-AGRA	D/C	0	2962	0.0	57.3	-57.3	
38	765 KV	PHAGI-GWALIOR	D/C	0	1352	0.0	25.6	-25.6	
39	400 KV	ZERDA-KANKROLI	S/C	175	116	0.9	0.0	0.9	
40	400 KV	ZERDA -BHINMAL	S/C	80	266	0.0	0.2	-0.2	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	474	0	8	-8	
43	220 KV	BADOD-KOTA	S/C	57	0	0.7	0.0	0.7	
44		BADOD-MORAK	S/C	17	41	0.0	0.2	-0.2	
45		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2	
46		MALANPUR-AURAIYA	S/C	30	0	0.4	0.0	0.4	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>8.9</b>	<b>151.8</b>	<b>-142.9</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2102	0.0	41.5	-41.5	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	377	0.0	4.2	-4.2	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	278	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	87	0	1.5	0.0	1.5	
<b>WR-SR</b>						<b>1.5</b>	<b>73.4</b>	<b>-71.9</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						4.0	
55		NEPAL						-7.3	
56		BANGLADESH						-9.4	