



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

Report for previous day

Date of Reporting

13-Jan-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42347	43228	36990	17336	2210	142112
Peak Shortage (MW)	1770	48	0	0	39	1857
Energy Met (MU)	883	1000	876	325	39	3123
Hydro Gen(MU)	96	42	45	22	11	215
Wind Gen(MU)	7	28	10	-----	-----	45
Solar Gen (MU)*	0.23	10.53	14.20	0.03	0.02	25

**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	0.044	0.00	0.05	8.31	8.36	71.74	19.91

**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	5495	0	101.7	39.3	0.9	291
	Haryana	6682	0	121.2	66.6	-0.3	161
	Rajasthan	9594	0	203.4	71.6	5.2	535
	Delhi	3317	0	65.3	51.4	-1.2	383
	UP	13314	320	284.9	86.8	0.9	332
	Uttarakhand	1855	70	33.9	21.6	1.1	199
	HP	1422	15	25.7	21.1	1.0	172
	J&K	2049	512	43.8	38.7	1.5	135
WR	Chhattisgarh	3152	0	70.4	10.8	-0.5	250
	Gujarat	12687	0	272.4	82.5	-4.1	445
	MP	10680	0	207.3	123.9	-2.3	247
	Maharashtra	19843	10	410.6	131.0	-0.9	317
	Goa	408	0	8.5	8.3	-0.4	103
	DD	291	0	6.3	6.6	-0.3	4
	DNH	724	0	16.5	16.8	-0.3	3
	Essar steel	710	0	8.3	7.9	0.5	169
SR	Andhra Pradesh	7054	0	152.8	7.5	2.1	433
	Telangana	8247	0	158.0	69.8	1.2	205
	Karnataka	9239	0	203.2	67.2	5.2	378
	Kerala	3455	0	63.9	54.3	2.0	247
	Tamil Nadu	13395	0	292.2	148.1	1.5	647
	Pondy	315	0	6.2	6.6	-0.4	17
ER	Bihar	3542	0	62.7	57.9	1.7	230
	DVC	2690	0	62.7	-34.1	0.6	190
	Jharkhand	1172	0	22.9	15.6	1.6	260
	Odisha	3796	0	70.9	18.6	-0.3	290
	West Bengal	6558	0	103.6	25.3	-0.1	300
NER	Sikkim	101	0	2.0	1.5	0.5	27
	Arunachal Pradesh	101	1	1.9	1.9	0.0	0
	Assam	1382	18	23.2	17.5	2.1	171
	Manipur	145	2	2.4	2.6	-0.1	12
	Meghalaya	209	0	4.8	4.7	-0.2	7
	Mizoram	82	1	1.5	1.3	0.2	37
	Nagaland	98	1	2.2	1.9	0.3	5
Tripura	208	0	3.1	2.0	-0.3	30	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.5	-7.9	-10.1
Day peak (MW)	362.7	-376.6	-591.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.8	-214.2	74.4	-67.3	4.3	1.9
Actual(MU)	197.2	-226.7	79.7	-60.6	4.6	-5.8
O/D/U/D(MU)	-7.6	-12.5	5.3	6.7	0.3	-7.8

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6754	11051	3510	1720	84	23119
State Sector	10575	19281	7052	5274	110	42292
Total	17329	30332	10562	6994	193	65411

\*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 :	13-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	411	0.0	12.9	-12.9	
2		SASARAM-FATEHPUR	S/C	119	284	0.0	2.1	-2.1	
3		GAYA-BALIA	S/C	0	313	0.0	5.6	-5.6	
4	HVDC LINK	PUSAULI B/B	S/C	4	247	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	109	312	0.0	1.6	-1.6	
6		PUSAULI -ALLAHABAD	S/C	216	54	1.7	0.0	1.7	
7		MUZAFFARPUR-GORAKHPUR	D/C	70	345	0.0	3.8	-3.8	
8		PATNA-BALIA	Q/C	0	853	0.0	15.5	-15.5	
9		BIHARSHARIFF-BALIA	D/C	67	183	0.0	2.4	-2.4	
10		BARH-GORAKHPUR	D/C	0	580	0.0	10.8	-10.8	
11	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	1.3	-1.3		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	158	0.0	2.5	-2.5	
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>2.2</b>	<b>58.5</b>	<b>-56.2</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	636	0.0	11.3	-11.3	
18		NEW RANCHI-DHARAMJAIGARH	D/C	355	110	4.2	0.0	4.2	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	137	0	1.0	0.0	1.0	
20		JHARSUGUDA-RAIGARH	S/C	131	0	1.9	0.0	1.9	
21		IBEUL-RAIGARH	S/C	94	0	1.3	0.0	1.3	
22		STERLITE-RAIGARH	D/C	0	194	0.0	3.1	-3.1	
23		RANCHI-SIPAT	D/C	229	0	3.3	0.0	3.3	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	106	52	0.0	0.1	-0.1	
25		BUDHIPADAR-KORBA	D/C	195	0	3.3	0.0	3.3	
<b>ER-WR</b>						<b>15.0</b>	<b>14.5</b>	<b>0.5</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	309	0.0	14.7	-14.7	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2450	0.0	42.1	-42.1	
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0	0.0	0.0	0.0	
29	400 KV	TALCHER-1/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>56.9</b>	<b>-56.9</b>	
<b>Import/Export of ER (With NER)</b>									
31	400 KV	BINAGURI-BONGAIGAON	D/C	608	103	2.5	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	452	106	4.0	0.0	4	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1	
<b>ER-NER</b>						<b>7.0</b>	<b>0.0</b>	<b>7.0</b>	
<b>Import/Export of NR (With NER)</b>									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.5	12.5	
<b>NR-NER</b>						<b>0.0</b>	<b>12.5</b>	<b>12.5</b>	
<b>Import/Export of WR (With NR)</b>									
35	HVDC	V'CHAL B/B	D/C	500	85	5.8	0.1	5.7	
36	HVDC	APL-MHG	D/C	0	2519	0.0	58.8	-58.8	
37	765 KV	GWALIOR-AGRA	D/C	0	2996	0.0	60.7	-60.7	
38	765 KV	PHAGI-GWALIOR	D/C	0	1628	0.0	32.6	-32.6	
39	400 KV	ZERDA-KANKROLI	S/C	130	82	0.7	0.0	0.7	
40	400 KV	ZERDA -BHINMAL	S/C	58	240	0.0	1.7	-1.7	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	469	0	9	-9	
43	220 KV	BADOD-KOTA	S/C	58	2	0.4	0.0	0.4	
44		BADOD-MORAK	S/C	13	49	0.0	0.6	-0.5	
45		MEHGAON-AURAIYA	S/C	68	0	1.2	0.0	1.2	
46		MALANPUR-AURAIYA	S/C	19	0	0.3	0.0	0.3	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>8.4</b>	<b>163.8</b>	<b>-155.4</b>	
<b>Import/Export of WR (With SR)</b>									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.2	-23.2	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2202	0.0	40.6	-40.6	
51	400 KV	KOLHAPUR-KUDGI	D/C	0	409	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	84	0	1.4	0.0	1.4	
<b>WR-SR</b>						<b>1.4</b>	<b>73.6</b>	<b>-72.2</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						4.5	
55		NEPAL						-7.9	
56		BANGLADESH						-10.1	