



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

Report for previous day

Date of Reporting

1-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	39984	44679	37550	17611	2285	142109
Peak Shortage (MW)	684	23	0	152	19	878
Energy Met (MU)	828	1039	864	329	39	3099
Hydro Gen(MU)	108	45	50	19	11	233
Wind Gen(MU)	14	15	21	-----	-----	50
Solar Gen (MU)*	3.23	11.61	19.20	0.04	0.02	34

**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	0.037	0.00	0.00	3.45	3.45	72.84	23.72

**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	4976	0	92.2	32.6	0.7	197
	Haryana	6090	336	100.9	67.4	-0.4	240
	Rajasthan	9631	40	202.0	69.8	3.9	338
	Delhi	3712	0	63.6	52.4	-0.5	204
	UP	12017	240	261.3	93.8	0.1	450
	Uttarakhand	1960	0	35.1	20.9	0.0	83
	HP	1418	0	25.0	20.6	-0.5	153
	J&K	2053	513	44.0	38.8	0.9	182
WR	Chandigarh	218	0	3.6	3.6	0.0	36
	Chhattisgarh	3263	0	74.8	18.1	-1.3	168
	Gujarat	13127	0	285.7	80.1	-3.7	367
	MP	9696	0	201.6	123.8	-2.5	446
	Maharashtra	20954	0	434.0	153.4	5.5	450
	Goa	515	0	9.9	8.5	0.7	101
	DD	305	0	6.8	6.8	0.0	12
	DNH	707	0	16.5	16.6	-0.1	11
SR	Essar steel	483	0	10.2	9.9	0.3	159
	Andhra Pradesh	7307	0	152.5	26.8	-1.1	440
	Telangana	8123	0	164.8	77.2	2.2	260
	Karnataka	9392	0	208.3	77.6	4.5	355
	Kerala	3591	0	68.6	56.5	2.4	221
	Tamil Nadu	12444	0	264.0	142.3	0.0	475
	Pondy	304	0	6.0	6.2	-0.2	41
	ER	Bihar	3502	100	61.8	60.4	-2.0
DVC		3039	0	64.3	-31.9	-6.5	285
Jharkhand		1104	0	23.3	16.0	1.0	125
Odisha		3983	0	67.6	14.9	-1.5	365
West Bengal		6959	0	110.8	20.4	-2.9	345
Sikkim		82	0	1.1	1.8	-0.7	25
NER	Arunachal Pradesh	91	3	2.1	1.7	0.4	19
	Assam	1364	0	21.8	15.7	2.3	158
	Manipur	160	2	2.3	2.7	-0.4	4
	Meghalaya	285	0	5.8	4.3	-0.1	73
	Mizoram	85	1	1.5	1.0	0.4	23
	Nagaland	97	3	2.1	1.7	0.2	12
	Tripura	213	1	3.6	2.9	0.3	21

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-7.8	-12.7
Day peak (MW)	167.0	-376.7	-597.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.3	-193.7	76.0	-74.6	5.7	2.6
Actual(MU)	207.2	-203.0	67.2	-91.3	10.2	-9.7
O/D/U/D(MU)	17.9	-9.3	-8.8	-16.7	4.5	-12.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	6466	11786	2050	2220	197	22719
State Sector	11255	18840	7452	5094	110	42751
Total	17721	30626	9502	7314	307	65470

\*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 :
								1-Feb-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	380	0.0	11.2	-11.2
2		SASARAM-FATEHPUR	S/C	178	114	1.2	0.0	1.2
3		GAYA-BALIA	S/C	0	350	0.0	6.5	-6.5
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	0	206	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	73	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	87	471	0.0	5.4	-5.4
8		PATNA-BALIA	Q/C	0	984	0.0	18.3	-18.3
9		BIHARSHARIFF-BALIA	D/C	43	234	0.0	2.9	-2.9
10		BARH-GORAKHPUR	D/C	0	599	0.0	9.8	-9.8
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	0.4	-0.4	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	184	0.0	3.3	-3.3
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.7	0.0	0.7
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>1.9</b>	<b>63.8</b>	<b>-61.9</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	394	590	0.4	0.0	0.4
18		NEW RANCHI-DHARAMJAIGARH	D/C	495	76	4.8	0.0	4.8
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	156	43	1.2	0.0	1.2
20		JHARSUGUDA-RAIGARH	S/C	140	27	1.5	0.0	1.5
21		IBEUL-RAIGARH	S/C	102	15	1.0	0.0	1.0
22		STERLITE-RAIGARH	D/C	0	277	0.0	2.9	-2.9
23		RANCHI-SIPAT	D/C	460	0	5.6	0.0	5.6
24	220 KV	BUDHIPADAR-RAIGARH	S/C	11	113	0.0	1.3	-1.3
25		BUDHIPADAR-KORBA	D/C	201	0	2.9	0.0	2.9
<b>ER-WR</b>						<b>17.4</b>	<b>4.2</b>	<b>13.3</b>
<b>Import/Export of ER (With SR)</b>								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	256.5	0.0	15.4	-15.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2458.5	0.0	51.1	-51.1
28	400 KV	TALCHER-I/C	D/C	449.2	400.0	2.4	0.3	2.2
29	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.9	-20.9
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>87.4</b>	<b>-87.4</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	521	367	0.8	0.0	1
33	220 KV	ALIPURDUAR-SALAKATI	D/C	387	300	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	12.1	0.0	12.1
<b>NR-NER</b>						<b>12.1</b>	<b>0.0</b>	<b>12.1</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC	V'CHAL B/B	D/C	500	0	9.6	0.0	9.6
36	HVDC	APL-MHG	D/C	0	2519	0.0	57.6	-57.6
37	765 KV	GWALIOR-AGRA	D/C	0	2742	0.0	55.0	-55.0
38	765 KV	PHAGI-GWALIOR	D/C	0	1552	0.0	28.5	-28.5
39	400 KV	ZERDA-KANKROLI	S/C	155	21	0.2	0.0	0.2
40	400 KV	ZERDA -BHINMAL	S/C	169	184	0.0	0.3	-0.3
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	456	0	6	-6
43	220 KV	BADOD-KOTA	S/C	32	25	0.2	0.1	0.1
44		BADOD-MORAK	S/C	0	68	0.0	0.8	-0.8
45		MEHGAON-AURAIYA	S/C	36	0	0.5	0.0	0.5
46		MALANPUR-AURAIYA	S/C	5	14	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>10.5</b>	<b>148.5</b>	<b>-138.0</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	1816	0.0	28.5	-28.5
51	400 KV	KOLHAPUR-KUDGI	D/C	193	144	0.9	0.8	0.0
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	277	0.0	5.8	-5.8
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	81	0	1.6	0.0	1.6
<b>WR-SR</b>						<b>2.4</b>	<b>57.4</b>	<b>-55.0</b>
<b>TRANSNATIONAL EXCHANGE</b>								
54		BHUTAN						2.4
55		NEPAL						-7.8
56		BANGLADESH						-8.8