



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

Report for previous day

Date of Reporting 30-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38181	42464	34037	16508	2186	133375
Peak Shortage (MW)	501	64	0	0	40	604
Energy Met (MU)	789	998	796	321	38	2942
Hydro Gen(MU)	109	47	33	19	11	220
Wind Gen(MU)	7	27	28	-----	-----	61
Solar Gen (MU)*	3.52	11.56	14.70	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	0.032	0.00	0.23	2.18	2.41	77.30	20.29

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	4645	0	86.0	33.9	-0.2	161
	Haryana	5627	0	94.3	62.3	-0.4	227
	Rajasthan	8950	0	190.2	68.8	4.3	460
	Delhi	3761	0	60.3	48.7	-0.4	228
	UP	12400	0	254.2	95.3	0.1	257
	Uttarakhand	1854	0	33.9	19.3	-0.3	88
	HP	1265	0	23.7	18.7	-0.7	229
	J&K	2043	511	43.3	39.5	-1.0	106
WR	Chhattisgarh	3228	0	73.7	12.5	0.0	233
	Gujarat	12900	0	274.5	82.6	-2.9	562
	MP	10392	0	196.8	120.1	-1.6	436
	Maharashtra	19621	0	410.6	141.6	1.4	549
	Goa	404	0	9.0	8.1	0.4	107
	DD	280	0	6.4	6.2	0.2	37
	DNH	721	0	16.6	16.8	-0.2	6
	Essar steel	483	0	10.4	9.8	0.6	175
SR	Andhra Pradesh	6822	0	148.4	26.1	2.7	571
	Telangana	7832	0	157.4	75.9	1.9	421
	Karnataka	8806	0	190.7	74.7	3.3	458
	Kerala	3271	0	60.7	52.2	1.9	241
	Tamil Nadu	11004	0	233.8	125.0	-2.6	586
	Pondy	259	0	5.4	6.1	-0.7	8
ER	Bihar	3322	0	60.5	58.6	1.0	200
	DVC	2520	0	63.0	-28.0	-0.4	150
	Jharkhand	1120	0	23.5	17.3	0.4	125
	Odisha	3710	0	68.2	15.1	0.7	200
	West Bengal	6333	0	104.4	14.3	1.2	250
	Sikkim	80	0	1.5	1.2	0.2	15
NER	Arunachal Pradesh	90	5	2.1	1.6	0.5	23
	Assam	1327	17	21.6	14.8	2.5	215
	Manipur	133	1	2.3	2.4	-0.1	12
	Meghalaya	279	0	5.1	4.3	0.1	23
	Mizoram	77	1	1.5	0.9	0.5	28
	Nagaland	88	1	2.2	1.6	0.4	11
	Tripura	207	0	3.3	2.0	-0.1	32

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-7.1	-12.9
Day peak (MW)	187.8	-374.2	-605.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	176.9	-193.0	74.3	-63.7	5.1	-0.5
Actual(MU)	172.3	-194.9	73.2	-60.6	8.1	-2.0
O/D/U/D(MU)	-4.6	-1.9	-1.1	3.1	3.0	-1.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6421	12286	2050	2220	503	23480
State Sector	10485	20326	7742	5344	110	44007
Total	16906	32612	9792	7564	613	67487

*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 : 30-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)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	326	0.0	9.9	-9.9
2		SASARAM-FATEHPUR	S/C	189	47	2.0	0.0	2.0
3		GAYA-BALIA	S/C	0	322	0.0	5.9	-5.9
4	HVDC LINK	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	220	0.0	0.0	0.0
6		PUSAULI-ALLAHABAD	S/C	0	68	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	67	333	0.0	4.6	-4.6
8		PATNA-BALIA	Q/C	0	756	0.0	14.9	-14.9
9		BIHARSHARIFF-BALIA	D/C	37	171	0.0	1.9	-1.9
10		BARH-GORAKHPUR	D/C	0	556	0.0	11.5	-11.5
11		BIHARSHARIFF-VARANASI	D/C	19	0	0.8	0.0	0.8
12	220 KV	PUSAULI-SAHUPURI	S/C	0	188	0.0	3.5	-3.5
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8
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
ER-NR						3.6	58.3	-54.8
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	191	235	0.0	0.8	-0.8
18		NEW RANCHI-DHARAMJAIGARH	D/C	472	0	7.7	0.0	7.7
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	148	0	1.8	0.0	1.8
20		JHARSUGUDA-RAIGARH	S/C	146	0	2.4	0.0	2.4
21		IBEUL-RAIGARH	S/C	105	0	1.7	0.0	1.7
22		STERLITE-RAIGARH	D/C	25	104	0.0	0.4	-0.4
23		RANCHI-SIPAT	D/C	453	0	7.9	0.0	7.9
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	110	0.0	1.2	-1.2
25		BUDHIPADAR-KORBA	D/C	175	0	2.9	0.0	2.9
ER-WR						24.3	2.5	21.9
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	361	0.0	15.4	-15.4
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2445	0.0	47.3	-47.3
28	400 KV	TALCHER-I/C	D/C	407.2	268.3	3.4	0.2	3.2
29	765 KV	ANGUL-SRIKAKULAM		0.0	647	0.0	11.9	-11.9
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	74.7	-74.7
Import/Export of ER (With NER)								
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0
32		ALIPURDUAR-BONGAIGAON	D/C	384	235	1.6	0.0	2
33	220 KV	ALIPURDUAR-SALAKATI	D/C	273	197	1.4	0.0	1
ER-NER						3.0	0.0	3.0
Import/Export of NR (With NER)								
34	HVDC LINK	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.1	12.1
NR-NER						0.0	12.1	12.1
Import/Export of WR (With NR)								
35	HVDC LINK	V'CHAL B/B	D/C	500	0	9.9	0.0	9.9
36	HVDC LINK	APL-MHG	D/C	0	2016	0.0	42.4	-42.4
37	765 KV	GWALIOR-AGRA	D/C	0	2912	0.0	59.3	-59.3
38	765 KV	PHAGI-GWALIOR	D/C	0	1500	0.0	29.6	-29.6
39	400 KV	ZERDA-KANKROLI	S/C	109	0	0.2	0.0	0.2
40	400 KV	ZERDA -BHINMAL	S/C	5	245	0.0	2.5	-2.5
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	440	0	7	-7
43	220 KV	BADOD-KOTA	S/C	25	42	0.0	0.3	-0.2
44		BADOD-MORAK	S/C	0	61	0.0	1.0	-1.0
45		MEHGAON-AURAIYA	S/C	37	0	0.5	0.0	0.5
46		MALANPUR-AURAIYA	S/C	10	13	0.0	0.1	0.0
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						10.8	142.4	-131.7
Import/Export of WR (With SR)								
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	21.6	-21.6
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1435	0.0	21.9	-21.9
51	400 KV	KOLHAPUR-KUDGI	D/C	0	212	0.6	0.7	-0.1
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	272	0.0	5.7	-5.7
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
WR-SR						2.2	50.0	-47.7
TRANSNATIONAL EXCHANGE								
54		BHUTAN		Energy Exchange (In MU)				
55		NEPAL		-7.1				
56		BANGLADESH		-8.1				