



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

Report for previous day

Date of Reporting 29-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40618	44301	36199	17021	2272	140411
Peak Shortage (MW)	514	112	0	0	65	691
Energy Met (MU)	801	984	831	324	39	2978
Hydro Gen(MU)	112	45	41	21	11	230
Wind Gen(MU)	8	42	22	-----	-----	72
Solar Gen (MU)*	0.86	11.71	13.10	0.04	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	0.040	0.00	0.00	6.50	6.50	75.87	17.63

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	4924	0	93.3	30.1	1.0	372
	Haryana	6005	0	101.7	73.2	-1.2	139
	Rajasthan	8931	0	182.8	70.6	3.8	319
	Delhi	3688	0	61.5	49.6	0.1	229
	UP	12552	0	249.3	97.1	0.9	293
	Uttarakhand	1933	0	35.1	22.4	-0.7	272
	HP	1492	0	26.7	20.9	-0.1	159
	J&K	2107	527	46.6	38.7	3.2	265
WR	Chhattisgarh	3287	0	73.9	12.9	-1.0	172
	Gujarat	13290	0	281.5	77.6	-2.5	461
	MP	10120	0	171.4	110.3	-12.1	273
	Maharashtra	20082	0	415.2	149.5	-1.5	698
	Goa	431	0	9.2	8.2	0.4	76
	DD	269	0	5.9	5.9	-0.1	8
	DNH	726	0	16.6	16.9	-0.3	11
	Essar steel	514	0	10.8	9.7	1.0	160
SR	Andhra Pradesh	6968	0	147.9	26.6	1.7	448
	Telangana	8173	0	161.8	71.8	1.8	358
	Karnataka	9221	0	198.2	73.9	3.8	443
	Kerala	3331	0	64.6	54.3	2.5	250
	Tamil Nadu	11871	0	252.1	136.9	0.0	642
	Pondy	298	0	6.3	6.5	-0.2	24
ER	Bihar	3437	0	58.1	54.8	1.5	265
	DVC	2645	0	63.5	-29.9	-0.4	198
	Jharkhand	1164	0	22.5	16.6	1.7	240
	Odisha	3713	0	67.3	13.7	0.5	280
	West Bengal	6716	0	110.6	16.0	1.2	320
NER	Sikkim	87	0	1.6	1.5	0.1	27
	Arunachal Pradesh	112	1	2.2	1.4	0.8	3
	Assam	1345	47	22.7	16.1	1.9	122
	Manipur	136	1	2.0	2.3	-0.3	0
	Meghalaya	293	0	5.1	4.1	0.1	44
	Mizoram	90	1	1.1	0.8	0.3	41
	Nagaland	102	1	2.2	1.5	0.6	30
Tripura	208	0	3.3	2.1	-0.3	46	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.0	-6.1	-11.0
Day peak (MW)	199.3	-328.7	-572.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.8	-208.7	73.4	-61.1	6.8	0.2
Actual(MU)	190.1	-217.5	75.8	-57.6	9.4	0.2
O/D/U/D(MU)	0.3	-8.8	2.4	3.5	2.6	0.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6531	12286	2010	2745	503	24075
State Sector	12545	19464	8622	6144	110	46885
Total	19076	31750	10632	8889	613	70960

*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 : 29-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	419	0.0	11.6	-11.6
2		SASARAM-FATEHPUR	S/C	206	90	1.3	0.0	1.3
3		GAYA-BALIA	S/C	0	324	0.0	4.3	-4.3
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
5	400 KV	PUSAULI-SARNATH	S/C	0	216	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	79	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	182	979	0.0	5.4	-5.4
8		PATNA-BALIA	Q/C	0	741	0.0	11.9	-11.9
9		BIHARSHARIFF-BALIA	D/C	75	256	0.0	1.7	-1.7
10		BARH-GORAKHPUR	D/C	0	513	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	191	0.0	3.0	-3.0
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						2.0	53.9	-51.9
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	286	318	0.0	0.2	-0.2
18		NEW RANCHI-DHARAMJAIGARH	D/C	567	5	8.3	0.0	8.3
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	190	0	2.6	0.0	2.6
20		JHARSUGUDA-RAIGARH	S/C	189	0	3.3	0.0	3.3
21		IBEUL-RAIGARH	S/C	134	0	2.4	0.0	2.4
22		STERLITE-RAIGARH	D/C	32	146	0.0	1.4	-1.4
23		RANCHI-SIPAT	D/C	522	0	7.9	0.0	7.9
24	220 KV	BUDHIPADAR-RAIGARH	S/C	5	132	0.0	1.4	-1.4
25	BUDHIPADAR-KORBA	D/C	189	0	3.2	0.0	3.2	
ER-WR						27.7	3.0	24.7
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	359	0.0	15.0	-15.0
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2452	0.0	48.5	-48.5
28	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	723	0.0	11.6	-11.6
29	400 KV	TALCHER-I/C		0.0	595	0.0	5.4	-5.4
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	75.1	-75.1
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	298	389	0.8	0.0	1
33	220 KV	ALIPURDUAR-SALAKATI	D/C	212	301	0.7	0.0	1
ER-NER						1.5	0.0	1.5
Import/Export of NR (With NER)								
34	HVDC LINK	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.9	11.9
NR-NER						0.0	11.9	11.9
Import/Export of WR (With NR)								
35	HVDC LINK	V'CHAL B/B	D/C	250	0	3.4	0.0	3.4
36	HVDC LINK	APL -MHG	D/C	0	2519	0.0	54.8	-54.8
37	765 KV	GWALIOR-AGRA	D/C	0	2854	0.0	61.7	-61.7
38	765 KV	PHAGI-GWALIOR	D/C	0	1562	0.0	30.9	-30.9
39	400 KV	ZERDA-KANKROLI	S/C	126	42	1.2	0.0	1.2
40	400 KV	ZERDA -BHINMAL	S/C	70	168	0.0	1.1	-1.1
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
42	400KV	RAPP-SHUJALPUR	D/C	0	372	0	6	-6
43	220 KV	BADOD-KOTA	S/C	13	39	0.0	0.3	-0.3
44		BADOD-MORAK	S/C	0	81	0.0	1.1	-1.1
45		MEHGAON-AURAIYA	S/C	20	4	0.3	0.0	0.3
46		MALANPUR-AURAIYA	S/C	0	20	0.0	0.1	-0.1
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						4.9	156.3	-151.4
Import/Export of WR (With SR)								
48	HVDC LINK	BHADRAWATI B/B	-	0	900	0.0	18.7	-18.7
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2007	0.0	25.3	-25.3
51	400 KV	KOLHAPUR-KUDGI	D/C	0	238	0.5	1.1	-0.6
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	94	0	1.8	0.0	1.8
WR-SR						2.3	50.8	-48.5
TRANSNATIONAL EXCHANGE								
54		BHUTAN		Energy Exchange (In MU)				
55		NEPAL		-6.1				
56		BANGLADESH		-7.0				