



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

Report for previous day

Date of Reporting

23-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53110	41546	37828	20004	2452	154941
Peak Shortage (MW)	1724	43	91	0	153	2010
Energy Met (MU)	1231	925	835	409	46	3445
Hydro Gen(MU)	343	23	48	110	26	551
Wind Gen(MU)	5	36	152	-----	-----	193
Solar Gen (MU)*	2.32	10.24	28.40	0.97	0.01	42
Energy Shortage (MU)	15.1	0.2	0.0	0.0	1.6	16.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54302	41433	37972	20099	2611	154897

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	0.038	0.00	0.67	7.57	8.24	78.47	13.29

C. Power Supply Position in States

RegionRegion	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)	Energy Shortage (MU)
NR	Punjab	9639	0	213.9	122.5	-0.5	187	0.0
	Haryana	8613	0	184.0	126.5	2.1	244	0.0
	Rajasthan	10320	0	228.3	89.9	2.2	413	0.0
	Delhi	5578	0	117.5	93.1	-1.8	159	0.0
	UP	16990	180	373.1	184.4	2.0	928	5.4
	Uttarakhand	1868	0	40.6	12.9	-0.1	192	0.0
	HP	1296	0	27.5	-0.8	2.3	148	0.0
	J&K	2034	509	40.6	14.5	0.0	301	9.6
Chandigarh	242	0	5.2	6.0	-0.7	10	0.0	
WR	Chhattisgarh	3837	0	89.5	30.4	-0.3	214	0.2
	Gujarat	11660	0	256.2	69.3	-1.9	434	0.0
	MP	8025	0	172.8	97.0	1.0	421	0.0
	Maharashtra	17217	0	371.1	104.9	0.0	500	0.0
	Goa	412	0	9.1	8.5	0.2	87	0.0
	DD	321	0	7.2	6.5	0.7	70	0.0
	DNH	733	0	17.2	17.1	0.1	46	0.0
Essar steel	88	0	1.4	0.9	0.5	175	0.0	
SR	Andhra Pradesh	6695	0	150	24	1.8	404	0.0
	Telangana	7526	0	163	75	-2.2	251	0.0
	Karnataka	8066	0	167	62	1.5	413	0.0
	Kerala	3260	0	63	45	1.4	271	0.0
	Tamil Nadu	13483	0	286	86	5.0	433	0.0
	Pondy	339	0	7	7	-0.1	57	0.0
ER	Bihar	4231	0	80.7	76.4	0.8	200	0.0
	DVC	2763	0	61.4	-28.0	3.0	400	0.0
	Jharkhand	1263	0	24.7	17.5	-0.2	205	0.0
	Odisha	4592	0	85.7	24.4	2.8	390	0.0
	West Bengal	7986	0	155.0	52.9	-0.1	370	0.0
	Sikkim	88	0	1.1	1.2	-0.1	9	0.0
NER	Arunachal Pradesh	108	2	1.8	2.0	-0.3	70	0.0
	Assam	1620	67	30.7	22.8	3.5	301	1.1
	Manipur	135	6	2.0	2.0	-0.1	31	0.1
	Meghalaya	296	0	4.8	-1.9	-0.2	113	0.0
	Mizoram	68	2	1.2	1.2	0.0	18	0.0
	Nagaland	103	2	1.9	1.8	0.0	32	0.0
	Tripura	163	33	3.4	2.8	0.8	117	0.3

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.6	-5.2	-14.5
Day peak (MW)	1524.3	-316.0	-654.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	242.2	-205.4	48.0	-88.3	11.0	7.5
Actual(MU)	234.1	-224.1	50.9	-78.5	13.7	-3.9
O/D/U/D(MU)	-8.1	-18.7	2.9	9.8	2.7	-11.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	15072	5060	1730	1131	26805
State Sector	8755	19142	11372	5495	146	44910
Total	12567	34214	16432	7225	1276	71715

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

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : 23-Aug-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	281	0.0	8.8	-8.8
2		SASARAM-FATEHPUR	S/C	0	68	1.5	0.0	1.5
3		GAYA-BALIA	S/C	0	419	0.0	7.8	-7.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	170	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	200	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	771	0.0	13.7	-13.7
9		PATNA-BALIA	Q/C	0	1122	0.0	22.0	-22.0
10		BIHARSHARIFF-BALIA	D/C	0	392	0.0	7.2	-7.2
11		BARH-GORAKHPUR	D/C	0	0	3.6	0.0	3.6
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.6	-1.6
13	220 KV	PUSAULI-SAHUPURI	S/C	0	136	0.0	2.8	-2.8
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>5.5</b>	<b>68.7</b>	<b>-63.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	10	4.8	0.0	4.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.0	0.0	10.0
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	20	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	115	0.0	1.1	-1.1
24		RANCHI-SIPAT	D/C	0	0	6.0	0.0	6.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	69	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	4.3	0.0	4.3
<b>ER-WR</b>						<b>29.2</b>	<b>1.6</b>	<b>27.6</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.6	-10.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	14.0	-14.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1811.2	0.0	28.0	-28.0
30	400 KV	TALCHER-I/C	D/C	0.0	1335.6	0.0	22.7	-22.7
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>52.6</b>	<b>-52.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1154	0.0	8.3	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	915	0.0	9.6	-10
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.7	-3
<b>ER-NER</b>						<b>0.0</b>	<b>20.5</b>	<b>-20.5</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	8.4	-8.4
<b>NER-NR</b>						<b>0.0</b>	<b>8.4</b>	<b>-8.4</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	33.1	-33.1
37		V'CHAL B/B	D/C	500	0	7.3	0.0	7.3
38		APL -MHG	D/C	0	2317	0.0	51.4	-51.4
39	765 KV	GWALIOR-AGRA	D/C	0	2752	0.0	55.0	-55.0
40		PHAGI-GWALIOR	D/C	0	1304	0.0	26.1	-26.1
41	400 KV	ZERDA-KANKROLI	S/C	73	209	0.0	1.3	-1.3
42		ZERDA -BHINMAL	S/C	49	274	0.0	2.6	-2.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	477	0	4	-4
45	220 KV	BADOD-KOTA	S/C	27	43	0.2	0.3	-0.1
46		BADOD-MORAK	S/C	0	76	0.0	0.8	-0.8
47		MEHGAON-AURAIYA	S/C	39	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	7	20	0.0	0.2	-0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.1</b>	<b>174.6</b>	<b>-166.6</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	9.7	-9.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1066	0.0	13.0	-13.0
53		WARDHA-NIZAMABAD	D/C	0	1043	0.0	17.5	-17.5
54	400 KV	KOLHAPUR-KUDGI	D/C	663	0	7.9	0.0	7.9
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	73	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>9.5</b>	<b>40.2</b>	<b>-30.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>36.6</b>
59		NEPAL						<b>-5.2</b>
60		BANGLADESH						<b>-14.5</b>