



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

Report for previous day

Date of Reporting

21-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41936	36775	36265	18111	2350	135436
Peak Shortage (MW)	714	29	0	0	185	928
Energy Met (MU)	913	876	772	366	43	2970
Hydro Gen(MU)	154	12	95	68	19	349
Wind Gen(MU)	3	29	57	-----	-----	89
Solar Gen (MU)*	0.88	14.82	32.70	0.35	0.00	49
Energy Shortage (MU)	9.2	0.0	0.0	0.0	1.5	10.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43289	37729	36784	18298	2326	137129

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	0.033	0.00	0.57	5.47	6.04	82.05	11.91

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)	Energy Shortage (MU)
NR	Punjab	5778	0	122.7	50.1	0.5	191	0.0
	Haryana	5808	0	117.1	81.2	1.7	233	0.0
	Rajasthan	8887	0	176.4	59.0	0.5	258	0.0
	Delhi	3468	0	73.2	60.9	-1.4	134	0.0
	UP	16024	0	339.5	151.9	0.5	691	0.0
	Uttarakhand	1553	0	26.8	10.4	-0.9	104	0.0
	HP	930	0	15.3	4.5	-0.1	267	0.0
	J&K	1897	474	38.7	33.5	-2.3	29	9.1
WR	Chandigarh	189	0	3.2	4.0	-0.7	17	0.0
	Chhattisgarh	3353	0	72.6	13.2	-2.1	105	0.0
	Gujarat	10127	0	225.4	60.2	0.4	693	0.0
	MP	9224	0	206.4	140.5	3.0	563	0.0
	Maharashtra	15102	0	338.0	103.3	1.1	317	0.0
	Goa	460	0	9.2	8.8	0.4	49	0.0
	DD	162	0	3.3	2.7	0.6	37	0.0
	DNH	537	0	11.0	10.5	0.5	82	0.0
SR	Essar steel	498	0	10.1	9.7	0.4	177	0.0
	Andhra Pradesh	6775	0	148.6	47.8	1.6	408	0.0
	Telangana	7233	0	156.3	51.2	0.7	377	0.0
	Karnataka	6626	0	132.9	50.8	0.4	335	0.0
	Kerala	3420	0	67.0	44.6	1.4	304	0.0
	Tamil Nadu	12747	0	259.9	127.7	-0.5	546	0.0
	Pondy	355	0	7.0	7.4	-0.4	56	0.0
	ER	Bihar	4458	0	80.4	75.1	-3.8	150
DVC		2882	0	62.1	-19.1	-1.0	200	0.0
Jharkhand		978	0	20.4	12.5	-1.7	55	0.0
Odisha		3960	0	78.8	38.5	3.3	190	0.0
West Bengal		6625	0	123.0	31.7	2.2	200	0.0
NER	Sikkim	78	0	1.0	1.3	-0.3	10	0.0
	Arunachal Pradesh	107	1	2.5	2.2	0.3	7	0.0
	Assam	1462	140	25.0	20.0	-0.1	141	1.2
	Manipur	145	1	2.5	2.4	0.1	20	0.1
	Meghalaya	265	0	5.5	1.0	0.3	126	0.0
	Mizoram	82	0	1.3	1.3	0.0	15	0.0
	Nagaland	110	0	2.5	1.9	0.1	23	0.0
Tripura	220	1	3.7	3.2	-1.0	90	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.3	-2.6	-14.0
Day peak (MW)	815.7	-187.8	-675.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.5	-196.7	52.1	-42.9	1.0	1.9
Actual(MU)	185.8	-192.2	49.4	-40.9	-1.3	0.7
O/D/U/D(MU)	-2.7	4.5	-2.7	2.0	-2.3	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3396	15061	4560	1700	141	24858
State Sector	11950	19273	11432	7025	50	49730
Total	15346	34334	15992	8725	190	74588

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	524	995	453	356	4	2333
Hydro	154	12	95	68	19	348
Nuclear	33	16	38	0	0	87
Gas, Naptha & Diesel	31	49	19	0	24	123
RES (Wind, Solar, Biomass & Others)	8	44	122	0	0	175
Total	749	1117	728	425	47	3066

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 21-Oct-17
Sl 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)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	201	0.0	4.3	-4.3
2		SASARAM-FATEHPUR	S/C	0	23	2.3	0.0	2.3
3		GAYA-BALIA	S/C	0	334	0.0	5.2	-5.2
4	HVDC	ALIPURDUAR-AGRA	-	0	277	0.0	8.7	-8.7
5		PUSAULI B/B	S/C	0	97	0.0	2.4	-2.4
6	400 KV	PUSAULI-VARANASI	S/C	0	127	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	25	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	585	0.0	11.2	-11.2
9		PATNA-BALIA	Q/C	0	964	0.0	13.7	-13.7
10		BIHARSHARIFF-BALIA	D/C	0	196	0.0	3.6	-3.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	187	0.0	3.3	-3.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0
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
ER-NR						6.8	52.3	-45.5
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.5	0.0	10.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.0	0.0	8.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.5	0.0	2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1
23		STERLITE-RAIGARH	D/C	0	0	6.1	0.0	6.1
24		RANCHI-SIPAT	D/C	0	0	6.9	0.0	6.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.4	-0.4
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
ER-WR						40.3	0.4	39.9
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.9	-16.9
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	227.0	0.0	7.4	-7.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1625.5	0.0	26.9	-26.9
30	400 KV	TALCHER-I/C	D/C	0.0	899.8	0.0	15.9	-15.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	51.1	-51.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1107	0.0	7.9	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	906	0.0	4.6	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
ER-NER						0.0	14.3	-14.3
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.0	-17.0
NER-NR						0.0	17.0	-17.0
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.5	-31.5
37		V'CHAL B/B	D/C	250	300	2.6	3.4	-0.8
38		APL -MHG	D/C	0	2015	0.0	44.2	-44.2
39	765 KV	GWALIOR-AGRA	D/C	0	2510	0.0	42.9	-42.9
40		PHAGI-GWALIOR	D/C	0	1024	0.0	17.3	-17.3
41	400 KV	ZERDA-KANKROLI	S/C	218	0	3.5	0.0	3.5
42		ZERDA -BHINMAL	S/C	197	50	1.6	0.0	1.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	255	0	2	-2
45	220 KV	BADOD-KOTA	S/C	113	0	1.6	0.0	1.6
46		BADOD-MORAK	S/C	51	23	0.5	0.0	0.5
47		MEHGAON-AURAIYA	S/C	50	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	19	6	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						10.9	140.9	-130.0
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	400	300	7.1	0.9	6.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	235	1079	0.0	10.4	-10.4
53		WARDHA-NIZAMABAD	D/C	0	1616	0.0	27.4	-27.4
54	400 KV	KOLHAPUR-KUDGI	D/C	563	0	8.3	0.0	8.3
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	2.0	0.0	2.0
WR-SR						17.4	38.8	-21.4
TRANSNATIONAL EXCHANGE								
58		BHUTAN						17.3
59		NEPAL						-2.6
60		BANGLADESH						-14.0