



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

Report for previous day

Date of Reporting

6-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39269	44518	34104	17641	2288	137821
Peak Shortage (MW)	1256	0	169	225	85	1735
Energy Met (MU)	849	1051	759	334	40	3034
Hydro Gen(MU)	122	22	41	48	16	249
Wind Gen(MU)	10	43	41	-----	-----	94
Solar Gen (MU)*	2.98	15.03	26.80	0.79	0.03	46
Energy Shortage (MU)	11.2	0.0	0.5	0.7	0.6	13.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40456	46822	35334	17891	2294	140141

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	0.00	6.63	6.63	81.68	11.69

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	4699	0	97.9	36.9	-0.1	290	0.0
	Haryana	5830	0	107.5	67.9	0.8	193	0.0
	Rajasthan	10251	0	204.0	67.0	1.9	247	0.0
	Delhi	3187	0	61.8	52.3	0.5	146	0.0
	UP	12550	730	282.2	99.4	0.6	230	1.9
	Uttarakhand	1579	0	30.5	13.0	-1.2	78	0.0
	HP	1249	0	23.0	15.3	0.1	150	0.0
	J&K	1943	486	39.6	34.4	-0.7	86	9.3
WR	Chandigarh	150	0	2.8	3.2	-0.3	4	0.0
	Chhattisgarh	3152	0	63.8	19.3	-2.6	75	0.0
	Gujarat	14116	0	306.4	78.8	0.9	677	0.0
	MP	10942	0	233.8	164.0	0.2	430	0.0
	Maharashtra	19191	0	405.1	118.1	0.1	645	0.0
	Goa	454	0	9.2	8.2	1.0	29	0.0
	DD	283	0	6.6	6.3	0.3	43	0.0
	DNH	731	0	16.6	16.6	0.1	44	0.0
SR	Essar steel	476	0	9.7	9.7	0.0	172	0.0
	Andhra Pradesh	7490	0	149.1	54.9	1.7	437	0.0
	Telangana	6668	0	145.4	49.2	-2.5	296	0.0
	Karnataka	8273	0	172.7	78.0	1.7	550	0.5
	Kerala	3040	0	58.5	46.1	0.8	240	0.0
	Tamil Nadu	10855	0	227.8	136.8	-1.2	499	0.0
	Pondy	266	0	5.5	6.1	-0.7	37	0.0
	ER	Bihar	3737	0	64.8	60.0	-0.7	220
DVC		3088	0	64.9	-23.8	3.5	225	0.3
Jharkhand		981	0	22.7	13.7	0.3	85	0.3
Odisha		4000	0	71.9	35.7	4.9	250	0.0
West Bengal		6538	0	109.1	19.4	3.9	300	0.0
Sikkim		84	0	1.1	1.1	0.0	12	0.0
NER	Arunachal Pradesh	120	2	2.4	2.0	0.4	7	0.0
	Assam	1370	65	22.7	16.7	0.9	139	0.5
	Manipur	166	2	2.3	2.4	-0.1	19	0.0
	Meghalaya	301	0	5.4	2.5	-0.1	59	0.0
	Mizoram	74	1	1.4	1.1	0.2	15	0.0
	Nagaland	126	1	2.2	1.5	0.1	19	0.0
	Tripura	221	0	3.3	1.8	0.4	75	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.3	-2.7	-13.0
Day peak (MW)	494.3	-236.0	-628.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	157.3	-154.0	79.1	-81.8	-4.8	-4.2
Actual(MU)	143.7	-156.9	79.9	-68.5	-3.5	-5.3
O/D/U/D(MU)	-13.5	-2.9	0.8	13.3	1.3	-1.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3447	14029	3980	1395	410	23260
State Sector	10370	16048	12762	6635	50	45865
Total	13817	30077	16742	8030	459	69125

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	515	1101	483	372	6	2477
Hydro	122	22	41	48	16	249
Nuclear	33	16	46	0	0	95
Gas, Naptha & Diesel	41	53	15	0	25	134
RES (Wind, Solar, Biomass & Others)	16	58	103	1	0	177
Total	727	1250	686	421	47	3131

*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 : 6-Nov-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	240	0.0	7.3	-7.3
2		SASARAM-FATEHPUR	S/C	0	67	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	254	0.0	4.8	-4.8
4	HVDC	ALIPURDUAR-AGRA	-	0	177	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	207	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	103	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	569	0.0	9.1	-9.1
9		PATNA-BALIA	Q/C	0	903	0.0	17.6	-17.6
10		BIHARSHARIFF-BALIA	D/C	0	244	0.0	3.4	-3.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12	BIHARSHARIFF-VARANASI	D/C	0	202	0.0	0.8	-0.8	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	118	0.0	2.3	-2.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.9	0.0	0.9
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						5.3	58.7	-53.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	23	6.3	0.0	6.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	88	5.2	0.0	5.2
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	21	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.7	0.0	1.7
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6
23		STERLITE-RAIGARH	D/C	0	34	1.6	0.0	1.6
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.8	0.0	6.8
25		BUDHIPADAR-RAIGARH	S/C	0	23	0.8	0.0	0.8
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	2.2	-2.2
ER-WR						25.4	2.2	23.2
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.0	-20.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	295.2	0.0	13.5	-13.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1827.4	0.0	35.6	-35.6
30	400 KV	TALCHER-I/C	D/C	0.0	881.2	0.0	12.1	-12.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	69.1	-69.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1184	0.0	6.3	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	975	0.0	3.5	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-2
ER-NER						0.0	11.3	-11.3
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.8	-15.8
NER-NR						0.0	15.8	-15.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.7	-11.7
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	537	0.0	12.7	-12.7
39	765 KV	GWALIOR-AGRA	D/C	0	2260	0.0	44.8	-44.8
40		PHAGI-GWALIOR	D/C	0	1094	0.0	19.4	-19.4
41	400 KV	ZERDA-KANKROLI	S/C	140	51	0.8	0.0	0.8
42		ZERDA -BHINMAL	S/C	96	205	0.0	1.8	-1.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	306	0	2	-2
45	220 KV	BADOD-KOTA	S/C	99	0	1.6	0.0	1.6
46		BADOD-MORAK	S/C	34	21	0.3	0.1	0.2
47		MEHGAON-AURAIYA	S/C	72	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	27	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						16.6	92.8	-76.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.7	-21.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	21	1281	0.0	18.6	-18.6
53		WARDHA-NIZAMABAD	D/C	0	1341	0.0	17.9	-17.9
54	400 KV	KOLHAPUR-KUDGI	D/C	377	82	2.1	0.2	1.9
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	2.0	0.0	2.0
WR-SR						4.1	58.4	-54.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						10.3
59		NEPAL						-2.7
60		BANGLADESH						-13.0