



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

Report for previous day

Date of Reporting

16-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53105	43159	37729	20283	2522	156798
Peak Shortage (MW)	3234	736	91	0	205	4266
Energy Met (MU)	1212	1007	838	425	45	3527
Hydro Gen(MU)	260	42	70	109	22	504
Wind Gen(MU)	3	16	65	-----	-----	85
Solar Gen (MU)*	3.60	11.42	27.80	0.99	0.02	44
Energy Shortage (MU)	43.9	5.9	0.0	0.0	2.4	52.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53929	43027	38410	20412	2695	156586

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	0.055	0.00	0.65	16.26	16.91	79.55	3.54

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	9486	0	211.9	101.5	0.4	228	0.0
	Haryana	8669	240	187.4	119.9	0.9	193	0.1
	Rajasthan	8747	2028	189.9	77.5	3.6	382	13.0
	Delhi	5453	0	115.8	86.3	-0.9	181	0.0
	UP	17604	2295	389.6	199.7	2.7	747	20.7
	Uttarakhand	2026	0	42.4	13.2	1.0	230	0.1
	HP	1356	0	27.5	8.2	1.2	201	0.0
	J&K	2249	562	41.8	22.1	3.1	350	9.9
WR	Chandigarh	287	0	5.6	5.8	-0.2	38	0.0
	Chhattisgarh	3925	0	92.8	32.7	2.4	241	0.0
	Gujarat	14484	0	322.5	47.6	1.0	290	0.0
	MP	7777	0	169.8	83.2	0.5	309	0.0
	Maharashtra	16677	715	379.2	114.6	-3.5	339	5.9
	Goa	416	0	9.3	9.4	-0.3	20	0.0
	DD	327	0	7.4	6.4	0.9	86	0.0
	DNH	738	0	17.0	16.2	0.8	105	0.0
SR	Essar steel	524	0	9.1	9.4	-0.3	161	0.0
	Andhra Pradesh	7051	0	150.4	37.8	0.0	365	0.0
	Telangana	8077	0	176.5	85.9	-1.5	207	0.0
	Karnataka	7375	0	149.3	33.6	1.2	306	0.0
	Kerala	3491	0	65.0	40.0	1.5	291	0.0
	Tamil Nadu	13550	0	289.6	129.7	1.2	334	0.0
	Pondy	332	0	7.2	7.1	0.1	51	0.0
	ER	Bihar	4413	0	86.4	84.6	-1.5	80
DVC		2825	0	65.4	-29.4	0.8	250	0.0
Jharkhand		1199	0	24.3	16.9	1.1	130	0.0
Odisha		4195	0	87.3	33.9	-0.6	250	0.0
West Bengal		8498	0	160.5	63.5	0.5	230	0.0
NER	Sikkim	104	0	1.2	1.0	0.1	20	0.0
	Arunachal Pradesh	116	3	2.3	2.5	-0.2	2	0.0
	Assam	1605	151	28.6	20.9	2.9	238	2.1
	Manipur	151	2	2.2	2.1	0.1	51	0.0
	Meghalaya	262	0	4.8	-1.6	0.6	96	0.0
	Mizoram	83	3	1.2	1.3	-0.1	16	0.0
	Nagaland	119	2	1.8	1.6	0.0	40	0.0
Tripura	220	10	4.3	4.0	1.0	107	0.2	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.4	-5.4	-15.1
Day peak (MW)	1293.4	-321.4	-660.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	273.3	-240.3	30.8	-56.2	-4.3	3.3
Actual(MU)	285.3	-251.9	21.3	-49.6	-1.0	4.1
O/D/U/D(MU)	12.0	-11.6	-9.5	6.6	3.3	0.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2401	16419	5510	2380	276	26986
State Sector	9065	15511	7342	4955	110	36983
Total	11466	31930	12852	7335	386	63969

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	590	1154	567	392	6	2708
Hydro	260	42	70	109	22	504
Nuclear	28	3	41	0	0	72
Gas, Naptha & Diesel	67	70	17	0	23	178
RES (Wind, Solar, Biomass & Others)	14	28	133	1	0	176
Total	958	1298	829	502	51	3637

*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 : 16-Sep-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	221	0.0	5.1	-5.1
2		SASARAM-FATEHPUR	S/C	0	0	3.3	0.0	3.3
3		GAYA-BALIA	S/C	0	428	0.0	7.2	-7.2
4	HVDC	ALIPURDUAR-AGRA	-	0	386	0.0	10.1	-10.1
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	191	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	49	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	736	0.0	12.2	-12.2
9		PATNA-BALIA	Q/C	0	947	0.0	16.4	-16.4
10		BIHARSHARIFF-BALIA	D/C	0	376	0.0	5.3	-5.3
11		BARH-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	35	0.7	0.0	0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.4	-5.4
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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						8.7	66.5	-57.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.3	0.0	6.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.2	0.0	11.2
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	0.0	0.8	-0.8
21		JHARSUGUDA-RAIGARH	S/C	0	10	0.4	0.0	0.4
22		IBEUL-RAIGARH	S/C	0	0	0.8	0.0	0.8
23		STERLITE-RAIGARH	D/C	0	0	5.8	0.0	5.8
24		RANCHI-SIPAT	D/C	0	0	6.3	0.0	6.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	67	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	4.4	0.0	4.4
ER-WR						35.4	0.9	34.4
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.2	-13.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	133.7	0.0	6.0	-6.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	615.1	0.0	12.2	-12.2
30	400 KV	TALCHER-I/C	D/C	0.0	1404.3	0.0	18.2	-18.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	31.4	-31.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1494	0.0	8.5	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	1201	0.0	5.2	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						0.0	15.9	-15.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	950	0.0	18.4	-18.4
NER-NR						0.0	18.4	-18.4
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	3000	0.0	71.3	-71.3
37		V'CHAL B/B	D/C	500	0	8.5	0.0	8.5
38		APL -MHG	D/C	0	2317	0.0	53.0	-53.0
39	765 KV	GWALIOR-AGRA	D/C	0	2896	0.0	60.7	-60.7
40		PHAGI-GWALIOR	D/C	0	1436	0.0	28.9	-28.9
41	400 KV	ZERDA-KANKROLI	S/C	229	0	2.9	0.0	2.9
42		ZERDA -BHINMAL	S/C	111	15	0.9	0.0	0.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	313	0	3	-3
45		BADOD-KOTA	S/C	55	10	0.7	0.0	0.7
46	220 KV	BADOD-MORAK	S/C	23	50	0.1	0.0	0.0
47		MEHGAON-AURAIYA	S/C	66	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	31	2	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						14.6	216.7	-202.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	7.2	-7.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	874	682	874.0	0.1	873.9
53		WARDHA-NIZAMABAD	D/C	0	1296	0.0	21.0	-21.0
54	400 KV	KOLHAPUR-KUDGI	D/C	737	0	13.1	0.0	13.1
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						889.1	28.3	860.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						29.4
59		NEPAL						-5.4
60		BANGLADESH						-15.1