



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

Report for previous day

Date of Reporting

7-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47862	41075	36888	18639	2450	146914
Peak Shortage (MW)	464	61	44	0	157	726
Energy Met (MU)	1099	932	866	381	46	3324
Hydro Gen(MU)	343	30	37	105	28	543
Wind Gen(MU)	46	141	171	-----	-----	358
Solar Gen (MU)*	0.30	11.41	23.00	0.39	0.20	35
Energy Shortage (MU)	8.5	0.0	0.0	0.0	1.4	9.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50200	40529	38432	19215	2547	149444

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	0.01	3.75	3.76	67.91	28.33

C. Power Supply Position in States

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	10246	0	208.8	127.6	-2.6	190	0.0
	Haryana	8616	0	189.1	132.2	-0.7	754	0.0
	Rajasthan	9280	0	185.4	73.7	2.6	404	0.0
	Delhi	5493	0	112.5	88.7	-0.8	212	0.2
	UP	16341	0	300.8	142.8	0.8	939	0.0
	Uttarakhand	1652	0	35.2	5.6	1.9	302	0.0
	HP	1279	0	26.3	-1.7	2.3	186	0.0
	J&K	1952	488	35.2	12.2	-0.6	522	8.3
WR	Chandigarh	298	0	5.7	6.3	-0.6	20	0.0
	Chhattisgarh	3237	0	74.3	12.7	2.7	449	0.0
	Gujarat	12191	0	264.4	47.5	-1.7	341	0.0
	MP	7045	0	148.6	78.6	-0.5	423	0.0
	Maharashtra	18082	0	403.9	120.5	4.7	445	0.0
	Goa	425	0	8.7	8.3	-0.2	102	0.0
	DD	296	0	6.7	6.3	0.4	52	0.0
	DNH	718	0	16.3	16.2	0.1	29	0.0
SR	Essar steel	465	0	9.4	8.9	0.5	187	0.0
	Andhra Pradesh	7039	0	157	42	5	650	0.0
	Telangana	7013	0	147	87	-1	373	0.0
	Karnataka	8450	0	179	72	3	560	0.0
	Kerala	3386	0	64	48	2	208	0.0
	Tamil Nadu	14111	0	312	119	-1	580	0.0
	Pondy	362	0	8	8	0	53	0.0
	ER	Bihar	3898	0	70.8	67.1	2.1	400
DVC		2733	0	62.2	-39.8	1.4	300	0.0
Jharkhand		1103	0	20.5	15.1	-0.9	180	0.0
Odisha		4075	0	86.3	33.0	3.9	290	0.0
West Bengal		7657	0	139.7	40.0	-1.1	70	0.0
Sikkim		70	0	1.1	0.9	0.2	25	0.0
NER	Arunachal Pradesh	104	2	2.0	2.9	-0.9	6	0.0
	Assam	1578	106	28.9	21.8	2.6	116	1.2
	Manipur	133	3	2.0	2.1	-0.1	7	0.0
	Meghalaya	261	0	6.0	-1.0	0.7	35	0.0
	Mizoram	66	1	1.3	1.1	0.1	23	0.0
	Nagaland	103	5	1.9	2.2	-0.3	18	0.0
	Tripura	243	1	3.7	2.9	-0.4	23	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.3	-5.4	-14.8
Day peak (MW)	1425.8	-255.3	-641.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	214.8	-231.3	98.5	-84.1	-3.4	-5.4
Actual(MU)	201.5	-219.0	100.3	-76.1	-2.9	3.8
O/D/U/D(MU)	-13.3	12.3	1.8	7.9	0.5	9.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3119	14211	1710	1610	305	20955
State Sector	9715	21827	14142	4275	110	50069
Total	12834	36038	15852	5885	414	71024

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-केन्द्र/प्रिन्सिपल/मुख्य कार्यपालक अधिकारी(पोसोक)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	7-Jul-17
SI 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	298	0.0	8.1	-8.1	
2		SASARAM-FATEHPUR	S/C	0	43	1.0	0.0	1.0	
3	HVDC	GAYA-BALIA	S/C	0	435	0.0	5.5	-5.5	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7	
6		PUSAULI-VARANASI	S/C	0	175	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	67	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	762	0.0	14.4	-14.4	
9		PATNA-BALIA	Q/C	0	758	0.0	11.1	-11.1	
10		BIHARSHARIFF-BALIA	D/C	0	311	0.0	6.0	-6.0	
11		BARH-GORAKHPUR	D/C	0	478	0.0	7.0	-7.0	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.5	-1.5		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.2	0.0	0.2	
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						1.2	58.2	-57.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.9	0.0	10.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	5.3	0.0	5.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.1	0.0	2.1	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.1	0.0	2.1	
22		IBEUL-RAIGARH	S/C	0	0	2.2	0.0	2.2	
23		STERLITE-RAIGARH	D/C	0	0	5.8	0.0	5.8	
24	220 KV	RANCHI-SIPAT	D/C	0	0	4.6	0.0	4.6	
25		BUDHIPADAR-RAIGARH	S/C	0	60	0.0	0.3	-0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9	
ER-WR						35.9	0.3	35.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.4	-18.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	13.3	-13.3	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2508.1	0.0	49.4	-49.4	
30	400 KV	TALCHER-1C	D/C	0.0	1212.1	1.0	17.8	-16.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	81.1	-81.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1084	0.0	6.7	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	860	0.0	7.6	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2	
ER-NER						0.0	16.6	-16.6	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1178	0.0	21.6	-21.6	
NER-NR						0.0	21.6	-21.6	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	12.9	-12.9	
37		V'CHAL B/B	D/C	100	100	2.2	0.3	1.9	
38		APL -MHG	D/C	0	1814	0.0	32.6	-32.6	
39	765 KV	GWALIOR-AGRA	D/C	0	2678	0.0	49.5	-49.5	
40		PHAGI-GWALIOR	D/C	0	1666	0.0	29.3	-29.3	
41	400 KV	ZERDA-KANKROLI	S/C	169	46	1.5	0.0	1.5	
42		ZERDA -BHINMAL	S/C	228	20	2.3	0.0	2.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	276	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	0	113	0.0	1.3	-1.3	
46		BADOD-MORAK	S/C	0	179	0.0	2.5	-2.5	
47		MEHGAON-AURAIYA	S/C	39	0	2.5	0.2	2.2	
48	132KV	MALANPUR-AURAIYA	S/C	11	28	0.0	0.4	-0.3	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						8.5	130.9	-122.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.2	-20.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1943	0.0	27.6	-27.6	
53		WARDHA-NIZAMABAD	D/C	0	1008	0.0	18.2	-18.2	
54	400 KV	KOLHAPUR-KUDGI	D/C	412	236	3.8	1.2	2.6	
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	103	0	2.1	0.0	2.1	
WR-SR						5.9	67.2	-61.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						34.3	
59		NEPAL						-5.4	
60		BANGLADESH						-14.8	