

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

Report for previous day

Date of Reporting

27-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45561	47744	42503	18376	2307	156491
Peak Shortage (MW)	1000	23	0	0	99	1123
Energy Met (MU)	1043	1167	998	408	35	3651
Hydro Gen(MU)	153	34	56	40	8	292
Wind Gen(MU)	18	64	31	-----	-----	113
Solar Gen (MU)*	19.44	21.41	57.29	0.81	0.02	99
Energy Shortage (MU)	12.4	0.0	0.0	0.0	2.0	14.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48326	50806	44948	19757	2332	158173

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	0.036	0.00	0.07	9.07	9.14	83.59	7.27

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	6421	0	136.7	55.9	-0.5	142	0.0
	Haryana	6890	0	137.5	65.9	2.9	314	0.2
	Rajasthan	9563	0	210.1	62.6	7.6	613	1.5
	Delhi	4857	0	99.2	77.2	-0.6	150	0.1
	UP	16539	0	347.6	118.1	5.6	885	0.0
	Uttarakhand	1869	0	38.1	22.5	-0.1	108	0.0
	HP	1307	23	25.3	12.7	1.2	166	0.2
	J&K	2188	547	44.2	30.7	1.2	364	10.4
	Chandigarh	237	0	4.7	4.6	0.0	25	0.0
WR	Chhattisgarh	3683	0	86.7	15.2	-1.0	116	0.0
	Gujarat	15643	0	348.8	173.1	5.9	530	0.0
	MP	8470	0	188.4	88.9	-0.2	320	0.0
	Maharashtra	22908	0	502.9	146.2	2.6	464	0.0
	Goa	529	0	12.3	11.2	0.4	49	0.0
	DD	326	0	7.4	6.8	0.6	100	0.0
	DNH	760	0	17.7	17.2	0.5	48	0.0
	Essar steel	191	0	2.7	2.3	0.4	200	0.0
	SR	Andhra Pradesh	8527	0	181.3	59.4	-1.5	686
Telangana		7566	0	166.0	60.8	-0.8	279	0.0
Karnataka		9752	0	216.7	74.4	-0.4	760	0.0
Kerala		3485	0	76.6	50.1	1.6	303	0.0
Tamil Nadu		15185	0	349.9	186.3	1.7	837	0.0
Pondy		381	0	8.0	8.4	-0.3	40	0.0
ER	Bihar	4461	0	83.3	79.6	-1.0	180	0.0
	DVC	3093	0	71.8	-58.6	2.1	260	0.0
	Jharkhand	1198	0	26.3	18.9	1.5	170	0.0
	Odisha	3858	0	81.2	26.7	-0.9	168	0.0
	West Bengal	7256	0	143.7	48.7	-7.5	235	0.0
	Sikkim	97	0	1.4	1.5	-0.1	2	0.0
NER	Arunachal Pradesh	122	4	1.9	1.9	0.0	45	0.0
	Assam	1378	57	19.2	16.3	0.4	75	1.7
	Manipur	170	3	2.0	2.2	-0.2	33	0.0
	Meghalaya	290	0	4.5	2.5	-0.2	44	0.0
	Mizoram	100	2	1.3	1.3	-0.2	32	0.0
	Nagaland	129	5	1.8	2.1	-0.4	25	0.0
Tripura	237	4	3.8	3.2	0.2	53	0.2	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.1	-9.6	-13.7
Day peak (MW)	174.5	-536.6	-625.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	164.6	-195.4	84.3	-54.5	1.1	0.1
Actual(MU)	176.8	-196.9	82.6	-62.6	-1.0	-1.2
OD/UD(MU)	12.2	-1.5	-1.8	-8.0	-2.1	-1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5738	14403	5952	1795	155	28042
State Sector	9450	15999	4400	5325	50	35224
Total	15188	30402	10352	7120	204	63266

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	598	1170	680	450	8	2906
Hydro	153	34	58	40	8	293
Nuclear	23	31	46	0	0	100
Gas, Naptha & Diesel	40	58	22	0	23	143
RES (Wind, Solar, Biomass & Others)	67	86	126	1	0	280
Total	881	1379	932	492	39	3722

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 27-Apr-18

Import=(+ve)  
/Export =(-ve)  
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	317	0.0	7.3	-7.3
2		SASARAM-FATEHPUR	S/C	65	80	0.0	0.1	-0.1
3		GAYA-BALIA	S/C	0	508	0.0	8.4	-8.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	99	0	1.5	0.0	1.5
7		PUSAULI -ALLAHABAD	S/C	107	0	1.6	0.0	1.6
8		MUZAFFARPUR-GORAKHPUR	D/C	54	267	0.0	3.2	-3.2
9		PATNA-BALIA	Q/C	0	728	0.0	12.3	-12.3
10		BIHARSHARIFF-BALIA	D/C	0	283	0.0	4.4	-4.4
11		MOTIHARI-GORAKHPUR	D/C	0	207	0.0	3.4	-3.4
12		BIHARSHARIFF-VARANASI	D/C	126	352	0.0	1.0	-1.0
13	220 kV	PUSAULI-SAHUPURI	S/C	0	193	0.0	3.8	-3.8
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	36	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	3	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>3.5</b>	<b>43.9</b>	<b>-40.4</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	348	39	4.3	0.0	4.3
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	599	8	8.7	0.0	8.7
20		JHARSUGUDA-RAIGARH	Q/C	555	0	7.3	0.0	7.3
21		RANCHI-SIPAT	D/C	308	0	5.2	0.0	5.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	3	113	0.0	1.5	-1.5
23		BUDHIPADAR-KORBA	D/C	223	0	4.1	0.0	4.1
<b>ER-WR</b>						<b>29.6</b>	<b>1.5</b>	<b>28.2</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1256.8	0.0	22.0	-22.0
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	284.3	0.0	13.3	-13.3
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2089.8	0.0	44.8	-44.8
27	400 kV	TALCHER-I/C	D/C	0.0	1050.4	0.0	15.7	-15.7
28	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>80.1</b>	<b>-80.1</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1057	0.0	6.9	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	854	0.0	6.3	-6
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	159	0.0	2.2	-2
<b>ER-NER</b>						<b>0.0</b>	<b>15.4</b>	<b>-15.4</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.9	-16.9
<b>NER-NR</b>						<b>0.0</b>	<b>16.9</b>	<b>-16.9</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1085	0.0	32.9	-32.9
34		V'CHAL B/B	D/C	0	250	0.0	5.2	-5.2
35		APL -MHG	D/C	0	307	0.0	10.6	-10.6
36	765 kV	GWALIOR-AGRA	D/C	0	1856	0.0	33.8	-33.8
37		PHAGI-GWALIOR	D/C	0	1622	0.0	34.3	-34.3
38		JABALPUR-ORAI	D/C	0	874	0.0	13.1	-13.1
39		GWALIOR-ORAI	S/C	392	0	8.7	0.0	8.7
40	400 kV	SATNA-ORAI	S/C	0	1742	0.0	40.4	-40.4
41		ZERDA-KANKROLI	S/C	420	0	8.2	0.0	8.2
42		ZERDA -BHINMAL	S/C	440	0	6.9	0.0	6.9
43		V'CHAL -RIHAND	S/C	976	0	22.7	0.0	22.7
44		RAPP-SHUJALPUR	D/C	0	168	0	1	-1
45		BADOD-KOTA	S/C	77	0	0.8	0.0	0.8
46		BADOD-MORAK	S/C	31	29	0.1	0.2	-0.1
47	220 kV	MEHGAON-AURAIYA	S/C	178	0	2.9	0.0	2.9
48		MALANPUR-AURAIYA	S/C	0	0	0.0	0.0	0.0
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>50.4</b>	<b>171.6</b>	<b>-121.2</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	17.6	-17.6
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	241	1325	0.0	10.1	-10.1
53		WARDHA-NIZAMABAD	D/C	0	1823	0.0	28.0	-28.0
54		KOLHAPUR-KUDGI	D/C	424	0	5.1	0.0	5.1
55	400 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	100	0	2.2	0.0	2.2
<b>WR-SR</b>						<b>7.2</b>	<b>55.6</b>	<b>-48.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>3.1</b>
59		NEPAL						<b>-9.6</b>
60		BANGLADESH						<b>-13.7</b>