

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

Report for previous day

Date of Reporting

4-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	43639	47341	36142	19843	2256	149221
Peak Shortage (MW)	535	81	0	0	172	788
Energy Met (MU)	889	1142	882	380	36	3330
Hydro Gen(MU)	216	47	49	53	11	376
Wind Gen(MU)	14	70	46	-----	-----	130
Solar Gen (MU)*	17.08	21.66	52.95	0.77	0.02	92
Energy Shortage (MU)	9.4	0.0	0.0	0.0	1.5	10.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45040	51252	41606	20406	2266	151335

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	0.047	0.00	0.00	7.22	7.22	63.16	29.62

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	6206	0	128.4	67.4	-0.3	117	0.0
	Haryana	6566	0	122.6	70.9	2.3	512	0.0
	Rajasthan	8994	0	196.1	73.7	2.3	636	0.0
	Delhi	4552	0	93.7	78.5	-2.5	148	0.0
	UP	14423	0	252.2	119.4	-12.1	869	0.0
	Uttarakhand	1610	0	30.6	13.4	-4.1	44	0.0
	HP	1253	22	23.5	9.5	0.4	87	0.3
	J&K	2195	549	37.8	20.9	-4.4	195	9.1
WR	Chandigarh	223	0	4.4	5.1	-0.7	40	0.0
	Chhattisgarh	3535	0	75.5	11.9	-1.2	190	0.0
	Gujarat	15561	0	351.0	174.5	8.1	513	0.0
	MP	8254	0	169.5	72.5	-0.6	555	0.0
	Maharashtra	23172	0	504.4	144.3	5.8	866	0.0
	Goa	502	0	11.4	10.7	0.2	67	0.0
	DD	333	0	7.4	7.0	0.5	61	0.0
	DNH	738	0	17.2	17.1	0.1	47	0.0
SR	Essar steel	322	0	5.9	6.0	-0.1	150	0.0
	Andhra Pradesh	7104	0	150.6	36.4	0.9	697	0.0
	Telangana	7034	0	128.4	47.7	-5.5	729	0.0
	Karnataka	9778	0	196.9	74.7	-3.2	606	0.0
	Kerala	4029	0	75.0	53.2	1.4	213	0.0
	Tamil Nadu	14754	0	323.5	160.4	4.8	1129	0.0
ER	Pondy	380	0	8.1	8.4	-0.3	38	0.0
	Bihar	4480	0	74.7	74.3	-0.7	365	0.0
	DVC	3091	0	67.2	-44.3	0.8	402	0.0
	Jharkhand	1085	0	19.5	15.5	-1.1	145	0.0
	Odisha	4308	0	77.6	36.4	1.5	345	0.0
	West Bengal	8022	0	139.3	24.2	3.3	412	0.0
NER	Sikkim	96	0	1.4	1.5	-0.2	20	0.0
	Arunachal Pradesh	119	0	2.2	2.4	-0.2	26	0.0
	Assam	1392	108	21.7	18.4	0.4	106	1.1
	Manipur	154	1	2.0	2.5	-0.5	27	0.0
	Meghalaya	266	0	4.6	2.9	-0.1	36	0.0
	Mizoram	85	0	1.5	1.5	-0.4	1	0.0
NER	Nagaland	110	2	1.8	2.1	-0.4	27	0.0
	Tripura	202	10	2.5	2.9	-0.8	74	0.3

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.2	-8.7	-12.8
Day peak (MW)	458.1	-400.3	-632.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	172.7	-147.3	61.2	-87.7	1.5	0.4
Actual(MU)	152.7	-126.1	52.2	-76.0	-2.0	0.8
O/D/U/D(MU)	-20.0	21.2	-8.9	11.7	-3.5	0.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5041	13728	6772	700	156	26397
State Sector	9725	16708	5290	4705	50	36478
Total	14766	30436	12062	5405	206	62875

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	425	1079	606	428	8	2545
Hydro	216	47	50	53	11	377
Nuclear	21	18	45	0	0	84
Gas, Naptha & Diesel	29	51	18	0	23	122
RES (Wind, Solar, Biomass & Others)	60	92	131	1	0	285
Total	752	1287	850	482	42	3413

\*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-के०वि०प्रा०(ग्रिड०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>4-May-18</b>
SI 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)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	267	0.0	7.5	-7.5
2		SASARAM-FATEHPUR	S/C	128	143	0.0	0.2	-0.2
3		GAYA-BALIA	S/C	0	454	0.0	6.5	-6.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	149	0.0	3.5	-3.5
6	400 kV	PUSAULI-VARANASI	S/C	0	108	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	118	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	5	605	0.0	5.7	-5.7
9		PATNA-BALIA	Q/C	0	1135	0.0	17.4	-17.4
10		BIHARSHARIFF-BALIA	D/C	0	445	0.0	6.4	-6.4
11		MOTIHARI-GORAKHPUR	D/C	0	328	0.0	5.1	-5.1
12		BIHARSHARIFF-VARANASI	D/C	438	49	0.0	2.9	-2.9
13		220 kV	PUSAULI-SAHUPURI	S/C	0	181	0.0	3.2
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	10	0	0.3	0.0	0.3
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
<b>ER-NR</b>						<b>0.3</b>	<b>58.4</b>	<b>-58.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	99	323	0.0	3.4	-3.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	100	544	0.0	5.5	-5.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	507	0	7.2	0.0	7.2
21		RANCHI-SIPAT	D/C	410	0	5.3	0.0	5.3
22	220 kV	BUDHIPADAR-RAIGARH	S/C	25	75	0.0	0.4	-0.4
23		BUDHIPADAR-KORBA	D/C	205	0	3.4	0.0	3.4
<b>ER-WR</b>						<b>15.9</b>	<b>9.3</b>	<b>6.6</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1613.8	0.0	23.0	-23.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	13.0	-13.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	24.7	1663.8	0.0	34.9	-34.9
27	400 kV	TALCHER-I/C	D/C	380.7	236.0	3.8	1.1	2.7
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>70.9</b>	<b>-70.9</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	321	301	1.2	0.0	1
30		ALIPURDUAR-BONGAIGAON	D/C	235	273	2.7	0.0	3
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	104	0.0	0.9	-1
<b>ER-NER</b>						<b>3.8</b>	<b>0.9</b>	<b>2.9</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0
<b>NER-NR</b>						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	18	1207	0.0	36.7	-36.7
34		V'CHAL B/B	D/C	0	250	0.0	4.2	-4.2
35		APL -MHG	D/C	0	307	0.0	7.8	-7.8
36	765 kV	GWALIOR-AGRA	D/C	0	0	0.0	0.0	0.0
37		PHAGI-GWALIOR	D/C	0	1954	0.0	35.7	-35.7
38		JABALPUR-ORAI	D/C	0	703	0.0	7.7	-7.7
39		GWALIOR-ORAI	S/C	0	1879	0.0	35.1	-35.1
40	400 kV	SATNA-ORAI	S/C	159	0	0.0	0.3	-0.3
41		ZERDA-KANKROLI	S/C	524	0	9.3	0.0	9.3
42		ZERDA -BHINMAL	S/C	498	0	6.9	0.0	6.9
43		V'CHAL -RIHAND	S/C	965	0	18.0	0.0	18.0
44	220 kV	RAPP-SHUALPUR	D/C	23	414	0	2	-2
45		BADOD-KOTA	S/C	91	12	0.7	0.0	0.6
46		BADOD-MORAK	S/C	45	42	0.1	0.5	-0.3
47		MEHGAON-AURAIYA	S/C	92	0	0.6	0.0	0.6
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>35.8</b>	<b>130.6</b>	<b>-94.8</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.2	-19.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	572	596	0.0	0.5	-0.5
53		WARDHA-NIZAMABAD	D/C	0	1356	0.0	17.1	-17.1
54	400 kV	KOLHAPUR-KUDGI	D/C	775	0	11.0	0.0	11.0
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	1.5	0.0	1.5
<b>WR-SR</b>						<b>12.5</b>	<b>36.9</b>	<b>-24.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>8.2</b>
59		NEPAL						<b>-8.7</b>
60		BANGLADESH						<b>-12.8</b>