



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

Report for previous day

Date of Reporting

7-Nov-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38600	43384	34611	17004	2119	135718
Peak Shortage (MW)	415	0	0	0	145	560
Energy Met (MU)	826	985	840	324	36	3010
Hydro Gen(MU)	120	48	24	40	10	242
Wind Gen(MU)	8	5	27	-----	-----	40
Solar Gen (MU)*	2.78	9.66	14.10	0.04	0.00	27

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.030	0.00	0.00	0.91	0.91	74.04	25.05
SR GRID	0.030	0.00	0.00	0.91	0.91	74.04	25.05

RegionRegion	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)
NR	Punjab	4455	0	95.2	45.3	-0.5	109
	Haryana	5839	0	100.4	67.6	-1.1	146
	Rajasthan	9808	0	206.1	73.4	3.1	331
	Delhi	3058	0	58.3	48.9	1.2	225
	UP	13264	0	271.7	87.7	-2.8	325
	Uttarakhand	1580	0	31.2	18.5	0.1	188
	HP	1261	0	23.5	16.4	0.6	188
	J&K	1747	437	36.4	33.1	-4.0	0
	Chandigarh	154	0	2.9	3.1	-0.2	12
WR	Chhattisgarh	3122	0	70.2	7.5	-0.8	120
	Gujarat	11072	0	246.8	63.9	-3.0	361
	MP	9722	0	210.4	128.7	-3.6	175
	Maharashtra	19730	0	420.6	116.6	-1.5	669
	Goa	425	0	7.5	7.1	-0.1	19
	DD	274	0	6.4	6.3	0.1	11
	DNH	728	0	16.7	17.0	-0.3	41
	Essar steel	541	0	6.4	6.6	-0.2	128
	Andhra Pradesh	7256	0	162.1	27.6	1.6	410
SR	Telangana	7170	0	146.4	73.5	2.1	305
	Karnataka	9253	0	198.0	92.0	4.4	726
	Kerala	3046	0	58.4	52.0	2.0	284
	Tamil Nadu	11966	0	268.9	136.6	-0.3	782
	Pondy	295	0	6.4	6.9	-0.5	24
	Bihar	3630	0	65.8	64.5	-2.5	200
ER	DVC	2536	0	59.6	-30.0	-0.1	300
	Jharkhand	1082	0	21.1	12.8	-1.7	50
	Odisha	3754	0	68.3	18.8	-1.1	200
	West Bengal	6308	0	107.8	25.5	0.7	200
	Sikkim	78	0	1.0	0.3	0.7	60
	Arunachal Pradesh	127	1	2.0	1.9	0.1	15
NER	Assam	1314	15	21.4	15.9	1.1	97
	Manipur	136	2	1.7	2.1	-0.4	21
	Meghalaya	256	6	4.5	4.0	-0.7	25
	Mizoram	79	4	1.1	1.0	0.0	15
	Nagaland	108	2	1.3	1.9	-0.6	10
	Tripura	212	2	3.5	3.0	0.0	28

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	14.7	-2.9	-10.8
Day peak (MW)	750.7	-242.9	-579.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	151.5	-169.9	94.1	-78.9	1.1	-2.0
Actual(MU)	156.8	-163.1	97.2	-88.1	-0.8	2.1
O/D/U/D(MU)	5.3	6.8	3.1	-9.2	-1.9	4.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4815	13496	1460	600	122	20493
State Sector	9670	18079	5129	6914	110	39902
Total	14485	31575	6589	7514	232	60395

*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(शि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	7-Nov-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
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	288	0.0	9.5	-9.5	
2		SASARAM-FATEHPUR	S/C	188	74	0.0	4.3	-4.3	
3		GAYA-BALIA	S/C	0	280	0.0	4.2	-4.2	
4	HVDC LINK	PUSAULI B/B	S/C	2	297	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	10	0	4.3	0.0	4.3	
6		PUSAULI-ALLAHABAD	S/C	4	301	0.0	4.0	-4.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	281	341	0.0	3.4	-3.4	
8		PATNA-BALIA	Q/C	0	700	0.0	16.3	-16.3	
9		BIHARSHARIFF-BALIA	D/C	128	100	0.0	0.7	-0.7	
10		BARH-GORAKHPUR	D/C	0	460	0.0	7.6	-7.6	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	22	0	0.0	1.1	-1.1	
12		PUSAULI-SAHUPURI	S/C	0	207	0.0	3.9	-3.9	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	1.0	0.0	1.0	
15		KARMANASA-SAHUPURI	S/C	0	0	0.6	0.0	0.6	
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
						ER-NR	5.9	54.9	-49.0
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	155	501	0.0	5.7	-5.7	
18		NEW RANCHI-DHARAMJAIGARH	D/C	291	249	1.0	0.0	1.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	104	62	0.0	0.2	-0.2	
20		JHARSUGUDA-RAIGARH	S/C	95	50	0.6	0.0	0.6	
21		IBEUL-RAIGARH	S/C	49	0	0.4	0.0	0.4	
22		STERLITE-RAIGARH	D/C	0	182	0.0	2.5	-2.5	
23	220 KV	RANCHI-SIPAT	D/C	212	33	2.7	0.0	2.7	
24		BUDHIPADAR-RAIGARH	S/C	39	78	0.0	0.6	-0.6	
25		BUDHIPADAR-KORBA	D/C	162	0	2.6	0.0	2.6	
						ER-WR	7.4	8.9	-1.6
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	330	0.0	14.5	-14.5	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1968	0.0	41.1	-41.1	
28		TALCHER-I/C		0.0	1024	0.0	15.8	-15.8	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
						ER-SR	0.0	55.6	-55.6
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	10	1072	0.0	12.1	-12	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.4	-2	
						ER-NER	0.0	14.5	-14.5
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	678	0	16.2	0.0	16.2	
						NR-NER	16.2	0.0	16.2
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	500	0	9.5	0.0	9.5	
34	HVDC	APL -MHG	D/C	0	1911	0.0	48.2	-48.2	
35	765 KV	GWALIOR-AGRA	D/C	0	1980	0.0	39.2	-39.2	
36	765 KV	PHAGI-GWALIOR	D/C	0	1484	0.0	32.3	-32.3	
37	400 KV	ZERDA-KANKROLI	S/C	0	231	0.0	3.0	-3.0	
38	400 KV	ZERDA -BHINMAL	S/C	38	209	0.0	1.7	-1.7	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0	
41	220 KV	BADOD-KOTA	S/C	0	77	0.0	1.4	-1.4	
42		BADOD-MORAK	S/C	0	99	0.0	1.8	-1.8	
43		MEHGAON-AURAIYA	S/C	69	0	1.3	0.0	1.3	
44		MALANPUR-AURAIYA	S/C	31	5	0.3	0.0	0.3	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	11.0	127.6	-116.6
Import/Export of WR (With SR)									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2138	0.0	42.8	-42.8	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	458	0.0	0.0	0.0	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	85	0	1.5	0.0	1.5	
						WR-SR	1.5	66.5	-65.0
TRANSNATIONAL EXCHANGE									
54		BHUTAN						14.7	
55		NEPAL						-2.9	
56		BANGLADESH						-10.8	