

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

**Date of Reporting: 5-Jan-16  
System Reliability Indices Report for: 4-Jan-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	40	10.00	41.67
2	ER-NR	0	0.00	0.00
3	NEW-SR	31	7.75	32.29
4	ER-NER	16	4.00	16.67

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	7	1.75	7.29
4	ER-NER	14	3.50	14.58

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

## Voltage Profile for the day of 04-Jan-2016

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	794	740	771
	Fatehpur	1.18%	98.61%	0.00%	1.18%	778	724	755
	Moga	0.00%	99.23%	0.77%	0.77%	803	758	782
	Phagi	0.00%	100.00%	0.00%	0.00%	785	735	761
WR	Aurangabad	0.00%	99.37%	0.63%	0.63%	802	771	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	760	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	746	774
	Sholapur	0.00%	55.83%	39.64%	39.64%	814	777	796
	Vadodara	0.00%	97.98%	2.02%	2.02%	804	771	788
SR	Nellore PS	0.00%	99.02%	0.98%	0.98%	803	777	789
	Raichur	0.00%	96.37%	3.63%	3.63%	804	775	791
	Thiruvalam	0.00%	35.17%	64.83%	64.83%	810	788	801
ER	Gaya	0.07%	99.93%	0.00%	0.07%	765	728	749
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	768	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	774
NER	Balipara (400 kV)	0.00%	73.06%	26.94%	26.94%	431	394	414
	Bongaigaon (400 kV)	0.28%	99.72%	0.00%	0.28%	413	378	401
	Silchar (400 kV)	0.00%	99.93%	0.07%	0.07%	420	395	408

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.