

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

**Date of Reporting: 16-Jan-16  
System Reliability Indices Report for: 15-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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

**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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

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 15-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%	791	736	765
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	729	753
	Moga	0.00%	95.83%	4.17%	4.17%	804	761	784
	Phagi	0.00%	100.00%	0.00%	0.00%	787	733	770
WR	Aurangabad	0.00%	97.99%	2.01%	2.01%	803	773	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	770	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	756	778
	Sholapur	0.00%	56.60%	39.72%	39.72%	816	763	795
	Vadodara	0.00%	99.93%	0.07%	0.07%	801	757	784
SR	Nellore PS	0.00%	99.17%	0.83%	0.83%	802	773	789
	Raichur	0.00%	84.65%	15.35%	15.35%	809	769	792
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	781	781	781
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	738	757
	Jharsuguda	0.00%	77.36%	22.64%	22.64%	806	779	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	774	780
NER	Balipara (400 kV)	0.00%	76.11%	23.89%	23.89%	427	395	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	383	403
	Silchar (400 kV)	0.00%	99.72%	0.28%	0.28%	420	398	412

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