

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

**Date of Reporting: 2-Jan-16  
System Reliability Indices Report for: 1-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	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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	1	0.25	1.04
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 01-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%	792	744	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	734	754
	Moga	0.00%	97.29%	2.71%	2.71%	807	761	785
	Phagi	0.00%	100.00%	0.00%	0.00%	788	737	764
WR	Aurangabad	0.00%	99.10%	0.90%	0.90%	802	758	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	761	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	748	773
	Sholapur	0.00%	54.65%	37.64%	37.64%	815	772	797
	Vadodara	0.00%	99.03%	0.97%	0.97%	804	773	787
SR	Nellore PS	0.00%	91.67%	8.33%	8.33%	804	776	793
	Raichur	0.00%	74.58%	25.42%	25.42%	810	776	795
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	805	805	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	733	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	770	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	765	776
NER	Balipara (400 kV)	0.00%	53.40%	46.60%	46.60%	428	402	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	413

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