

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

**Date of Reporting: 25-Oct-15  
System Reliability Indices Report for: 24-Oct-15**

**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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	48	12.00	50.00
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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
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 24-Oct-2015

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	767	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	755	765
	Moga	0.00%	99.86%	0.14%	0.14%	800	785	797
	Phagi	0.00%	100.00%	0.00%	0.00%	784	766	773
WR	Aurangabad	0.00%	99.51%	0.00%	0.00%	800	753	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	767	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	770	780
	Sholapur	0.00%	94.54%	3.43%	3.43%	806	757	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	754	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	776	787
	Raichur	0.00%	100.00%	0.00%	0.00%	795	761	781
	Thiruvalam	0.00%	88.66%	11.34%	11.34%	803	785	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	783	766	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	774	762	769
NER	Balipara (400 kV)	0.00%	96.15%	3.85%	3.85%	422	402	411
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	426	402	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	413

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