

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

**Date of Reporting: 16-Oct-15  
System Reliability Indices Report for: 15-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	41	10.25	42.71
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	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-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%	794	757	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	761
	Moga	0.00%	80.14%	19.86%	19.86%	810	764	788
	Phagi	0.00%	100.00%	0.00%	0.00%	781	747	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	746	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	759	773
	Sholapur	0.00%	91.94%	6.67%	6.67%	805	764	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	0	776
SR	Nellore PS	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Raichur	0.00%	99.72%	0.28%	0.28%	801	0	784
	Thiruvalam	0.00%	74.31%	25.69%	25.69%	808	785	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	752	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	783	758	774
	Ranchi	0.00%	100.00%	0.00%	0.00%	767	749	758
NER	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	421	401	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407

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