

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

**Date of Reporting: 11-Oct-15  
System Reliability Indices Report for: 10-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	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
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	5	1.25	5.21
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 10-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%	787	752	770
	Ballia	0.00%	100.00%	0.00%	0.00%	767	738	751
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	766	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	741	757
WR	Aurangabad	0.00%	99.72%	0.00%	0.00%	800	759	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	753	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	774
	Sholapur	0.00%	83.47%	15.35%	15.35%	810	765	788
SR	Raichur	0.00%	93.68%	6.32%	6.32%	803	768	782
	Nellore PS	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	743	754
	Gaya	0.00%	100.00%	0.00%	0.00%	774	745	758
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	751	770
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
NER	Balipara (400 kV)	0.00%	97.78%	0.35%	0.35%	433	342	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	404
	Misa (400 kV)	0.00%	99.72%	0.21%	0.21%	422	398	409

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