

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

**Date of Reporting: 17-Oct-15
System Reliability Indices Report for: 16-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	6	1.50	6.25
4	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
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 16-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%	785	756	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	744	758
	Moga	0.00%	90.14%	9.86%	9.86%	804	759	780
	Phagi	0.00%	100.00%	0.00%	0.00%	776	752	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	762	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	765	753	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	758	771
	Sholapur	0.00%	98.26%	1.74%	1.74%	801	761	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	761	776
SR	Nellore PS	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Raichur	0.00%	100.00%	0.00%	0.00%	795	768	782
	Thiruvalam	0.00%	99.38%	0.63%	0.63%	803	794	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	747	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	779	765	772
	Ranchi	0.00%	100.00%	0.00%	0.00%	764	749	756
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410

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