

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	43	10.75	44.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	9	2.25	9.38
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	16	4.00	16.67
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-Sep-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	756	773
	Ballia	0.00%	100.00%	0.00%	0.00%	790	748	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	766	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	755	770
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	762	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	760	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	756	775
	Sholapur	0.00%	67.22%	25.00%	25.00%	808	771	795
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	774	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	784	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	385	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	389	400
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	774
	Gaya	0.00%	100.00%	0.00%	0.00%	788	754	772
	Sasaram	0.00%	100.00%	0.00%	0.00%	797	759	777
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410
NER	Balipara (400 kV)	0.00%	98.82%	0.49%	0.49%	421	408	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	405
	Misa (400 kV)	0.00%	99.38%	0.00%	0.00%	420	408	414

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