

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

Date of Reporting: **29-Sep-15**  
System Reliability Indices Report for: **28-Sep-15**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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 28-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%	785	750	768
	Ballia	0.00%	100.00%	0.00%	0.00%	762	740	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	762	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	763	737	750
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	746	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	766	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	757	771
	Sholapur	0.00%	99.37%	0.21%	0.21%	802	755	780
SR	Raichur	0.00%	99.86%	0.14%	0.14%	801	767	783
	Nellore PS	0.00%	83.13%	16.87%	16.87%	804	783	793
	Somanhalli (400 kV)	0.00%	91.50%	8.50%	8.50%	421	389	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	406
ER	Ranchi	0.28%	99.72%	0.00%	0.28%	769	727	755
	Gaya	0.00%	100.00%	0.00%	0.00%	770	749	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	751	751	751
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
NER	Balipara (400 kV)	0.00%	98.88%	0.91%	0.91%	426	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	393	401
	Misa (400 kV)	0.00%	99.51%	0.14%	0.14%	423	397	409

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