

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

Date of Reporting: **25-Sep-15**  
System Reliability Indices Report for: **24-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	15	3.75	15.63
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 24-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%	797	752	776
	Ballia	0.00%	100.00%	0.00%	0.00%	773	741	757
	Bhiwani	0.00%	84.93%	15.07%	15.07%	808	765	787
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	738	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	749	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	757	766
	Gwalior	0.00%	99.93%	0.07%	0.07%	801	758	780
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	759	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	767	784
	Nellore PS	0.00%	96.53%	3.47%	3.47%	802	786	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	388	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	773	747	759
	Gaya	0.00%	100.00%	0.00%	0.00%	778	748	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	767	732	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	407
NER	Balipara (400 kV)	0.00%	97.57%	0.07%	0.07%	421	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	401
	Misa (400 kV)	0.00%	99.44%	0.00%	0.00%	420	397	409

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