

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

Date of Reporting: **26-Sep-15**  
System Reliability Indices Report for: **25-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	13	3.25	13.54
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 25-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%	799	759	776
	Ballia	0.00%	100.00%	0.00%	0.00%	772	743	756
	Bhiwani	0.00%	80.07%	19.93%	19.93%	810	770	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	742	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	754	771
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	764	771
	Gwalior	0.00%	99.72%	0.28%	0.28%	801	763	781
	Sholapur	0.00%	99.10%	0.00%	0.00%	800	753	783
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	0	785
	Nellore PS	0.00%	84.10%	15.90%	15.90%	804	782	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	406
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	774	754	764
	Gaya	0.00%	100.00%	0.00%	0.00%	778	748	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	732	748
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
NER	Balipara (400 kV)	0.00%	98.33%	0.00%	0.00%	420	397	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	410

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