

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

Date of Reporting: **13-Aug-15**  
System Reliability Indices Report for: **12-Aug-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	40	10.00	41.67
2	ER-NR	0	0.00	0.00
3	NEW-SR	10	2.50	10.42
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	21	5.25	21.88
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 12-Aug-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%	99.72%	0.00%	0.00%	800	760	785
	Ballia	0.00%	100.00%	0.00%	0.00%	777	745	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	766	785
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	749	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	746	768
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	758	754	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	763	786
	Sholapur	0.00%	69.79%	15.11%	15.11%	806	0	787
SR	Raichur	0.00%	88.75%	0.00%	0.00%	800	755	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	388	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	748	761
	Gaya	0.00%	100.00%	0.00%	0.00%	781	749	767
	Sasaram	0.58%	99.42%	0.00%	0.58%	770	0	757
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	412	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	406
	Misa (400 kV)	0.00%	77.78%	16.18%	16.18%	423	408	417

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