

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

**Date of Reporting: 15-Aug-15  
System Reliability Indices Report for: 14-Aug-15**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	54	13.50	56.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	8	2.00	8.33
4	ER-NER	0	0.00	0.00

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	29	7.25	30.21
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 14-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%	100.00%	0.00%	0.00%	796	756	779
	Ballia	0.00%	100.00%	0.00%	0.00%	771	746	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	763	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	741	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	750	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	749	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	782
	Sholapur	0.00%	85.35%	11.39%	11.39%	808	769	790
SR	Raichur	0.00%	90.56%	0.00%	0.00%	800	776	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	764	744	755
	Gaya	0.00%	100.00%	0.00%	0.00%	774	749	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	756	739	748
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
NER	Balipara (400 kV)	0.00%	93.33%	1.11%	1.11%	421	409	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	405
	Misa (400 kV)	0.00%	99.79%	0.00%	0.00%	420	408	415

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