

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

**Date of Reporting: 8-Aug-15  
System Reliability Indices Report for: 7-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	36	9.00	37.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	14	3.50	14.58
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	11	2.75	11.46
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 07-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%	788	760	776
	Ballia	0.00%	100.00%	0.00%	0.00%	757	757	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	765	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	744	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	743	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	761	749	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	757	773
	Sholapur	0.00%	95.21%	1.94%	1.94%	803	748	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	767	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	408	383	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	385	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	740	751
	Gaya	0.00%	100.00%	0.00%	0.00%	776	748	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	764	738	755
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	411	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	407
	Misa (400 kV)	0.00%	94.79%	0.00%	0.00%	420	406	414

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