

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

**Date of Reporting: 20-Aug-15  
System Reliability Indices Report for: 19-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	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	12	3.00	12.50
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	3	0.75	3.13
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 19-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%	97.57%	0.53%	0.53%	802	751	776
	Ballia	0.00%	100.00%	0.00%	0.00%	778	742	765
	Bhiwani	0.00%	93.10%	6.90%	6.90%	804	761	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	743	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	740	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	763	752	757
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	754	775
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	750	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	786	786	786
	Nellore PS	0.00%	98.62%	0.00%	0.00%	800	772	788
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	385	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	765	38	758
	Gaya	0.00%	100.00%	0.00%	0.00%	782	746	770
	Sasaram	0.00%	100.00%	0.00%	0.00%	760	-56	752
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
NER	Balipara (400 kV)	0.00%	51.57%	34.00%	34.00%	426	414	420
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
	Misa (400 kV)	0.00%	86.25%	7.83%	7.83%	422	410	416

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