

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

**Date of Reporting: 26-Aug-15  
System Reliability Indices Report for: 25-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	57	14.25	59.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	33	8.25	34.38
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-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	746	769
	Ballia	0.00%	100.00%	0.00%	0.00%	767	735	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	732	753
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	753	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	756	756	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	749	770
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	760	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	779	765	765
	Nellore PS	0.00%	100.00%	0.00%	0.00%	0	0	786
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	385	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	770	742	754
	Gaya	0.00%	100.00%	0.00%	0.00%	771	742	758
	Sasaram	0.69%	99.31%	0.00%	0.69%	776	726	753
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
NER	Balipara (400 kV)	0.00%	69.93%	21.94%	21.94%	424	414	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	409	414

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