

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

**Date of Reporting: 19-Aug-15  
System Reliability Indices Report for: 18-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	17	4.25	17.71
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
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	1	0.25	1.04
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 18-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	764	782
	Ballia	0.00%	100.00%	0.00%	0.00%	779	751	766
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	761	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	753	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	740	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	752	760
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	767	781
	Sholapur	0.00%	99.86%	0.00%	0.00%	800	760	784
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	771	786
	Nellore PS	0.00%	96.39%	0.00%	0.00%	800	765	774
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	770	750	761
	Gaya	0.00%	100.00%	0.00%	0.00%	782	756	769
	Sasaram	0.00%	100.00%	0.00%	0.00%	756	756	756
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	409
NER	Balipara (400 kV)	0.00%	33.89%	42.71%	42.71%	428	414	420
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	Misa (400 kV)	0.00%	82.92%	11.25%	11.25%	423	409	416

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