

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

**Date of Reporting: 10-Sep-15  
System Reliability Indices Report for: 9-Sep-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	68	17.00	70.83
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	53	13.25	55.21
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 09-Sep-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%	776	748	761
	Ballia	0.00%	100.00%	0.00%	0.00%	769	733	752
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	755	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	765	738	750
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	754	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	750	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	780	753	765
	Sholapur	0.00%	80.49%	11.46%	11.46%	808	764	789
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	775	792
	Nellore PS	0.00%	74.24%	0.00%	0.00%	800	789	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	406
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	751	767
	Gaya	0.00%	100.00%	0.00%	0.00%	768	742	754
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	743	757
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
NER	Balipara (400 kV)	0.00%	86.39%	8.75%	8.75%	425	405	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	403
	Misa (400 kV)	0.00%	90.69%	3.40%	3.40%	423	404	414

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