

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

**Date of Reporting: 14-Sep-15  
System Reliability Indices Report for: 13-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	10	2.50	10.42
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	0	0.00	0.00
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 13-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%	789	753	773
	Ballia	0.00%	100.00%	0.00%	0.00%	777	751	766
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	764	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	743	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	747	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	764	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	756	776
	Sholapur	0.00%	78.75%	20.14%	20.14%	808	778	792
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	781	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	790	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	768	778
	Gaya	0.00%	100.00%	0.00%	0.00%	778	750	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	755	771
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	408	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	408	412

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