

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

**Date of Reporting: 28-Sep-15  
System Reliability Indices Report for: 27-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	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

**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 27-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%	793	760	765
	Ballia	0.00%	100.00%	0.00%	0.00%	771	738	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	775	775	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	737	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	751	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	766	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	781
	Sholapur	0.00%	95.42%	4.51%	4.51%	805	762	786
SR	Raichur	0.00%	99.58%	0.42%	0.42%	800	765	773
	Nellore PS	0.00%	97.08%	2.92%	2.92%	801	789	796
	Somanhalli (400 kV)	0.00%	99.79%	0.21%	0.21%	420	397	410
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	774	756	765
	Gaya	0.00%	100.00%	0.00%	0.00%	775	748	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	760	734	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
NER	Balipara (400 kV)	0.00%	92.78%	4.44%	4.44%	424	402	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	403
	Misa (400 kV)	0.00%	96.04%	1.67%	1.67%	423	402	411

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