

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

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

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	89	22.25	92.71
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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-Oct-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%	795	763	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	746	764
	Moga	0.00%	98.33%	1.67%	1.67%	802	770	787
	Phagi	0.00%	100.00%	0.00%	0.00%	788	758	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	749	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	760	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	762	776
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	750	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	759	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	766	781
	Raichur	0.00%	100.00%	0.00%	0.00%	790	752	776
	Thiruvalam	0.00%	96.43%	3.57%	3.57%	800	-329	786
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	752	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	773	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	776	748	761
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	411

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