

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

**Date of Reporting: 28-Nov-15  
System Reliability Indices Report for: 27-Nov-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	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	NEW-SR	10	2.50	10.42
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	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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-Nov-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%	790	743	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	729	748
	Moga	0.00%	84.17%	15.83%	15.83%	807	760	785
	Phagi	0.00%	100.00%	0.00%	0.00%	784	742	765
WR	Aurangabad	0.00%	99.86%	0.00%	0.00%	800	753	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	776	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	747	769
	Sholapur	0.00%	73.13%	21.18%	21.18%	812	764	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	766	781
SR	Nellore PS	0.00%	74.38%	25.63%	25.63%	810	778	792
	Raichur	0.00%	88.11%	11.89%	11.89%	805	-786	785
	Thiruvallam	0.00%	65.21%	34.79%	34.79%	823	794	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	763	734	750
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	774	755	765
NER	Balipara (400 kV)	0.00%	99.62%	0.38%	0.38%	427	0	409
	Bongaigaon (400 kV)	0.00%	99.79%	0.21%	0.21%	421	390	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	413

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