

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

Date of Reporting: **16-Nov-15**  
System Reliability Indices Report for: **15-Nov-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	13	3.25	13.54
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	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 15-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%	794	749	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	740	760
	Moga	0.00%	95.76%	4.24%	4.24%	806	762	787
	Phagi	0.00%	100.00%	0.00%	0.00%	789	752	770
WR	Aurangabad	0.00%	99.24%	0.00%	0.00%	800	755	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	759	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	749	770
	Sholapur	0.00%	64.38%	27.43%	27.43%	814	770	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	764	781
SR	Nellore PS	0.00%	98.61%	1.39%	1.39%	806	780	792
	Raichur	0.00%	98.26%	1.74%	1.74%	802	768	789
	Thiruvalam	0.00%	9.38%	90.63%	90.63%	824	800	811
ER	Gaya	0.00%	100.00%	0.00%	0.00%	769	744	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	771	755	762
NER	Balipara (400 kV)	0.00%	72.29%	27.71%	27.71%	428	400	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	413

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