

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

**Date of Reporting: 31-Oct-15  
System Reliability Indices Report for: 30-Oct-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	70	17.50	72.92
4	ER-NER	12	3.00	12.50

**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	9	2.25	9.38

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 30-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%	793	757	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	742	760
	Moga	0.00%	100.00%	0.00%	0.00%	799	762	781
	Phagi	0.00%	100.00%	0.00%	0.00%	786	754	770
WR	Aurangabad	0.00%	98.13%	0.00%	0.00%	800	751	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	760	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	777
	Sholapur	0.00%	95.42%	2.57%	2.57%	805	754	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	776	786
	Raichur	0.00%	100.00%	0.00%	0.00%	798	758	779
	Thiruvalam	23.17%	46.34%	30.49%	53.66%	0	0	874
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	772	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	761	773
NER	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	422	393	405
	Bongaigaon (400 kV)	0.00%	99.86%	0.14%	0.14%	420	393	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410

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