

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

Date of Reporting: **21-Oct-15**  
System Reliability Indices Report for: **20-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	67	16.75	69.79
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 20-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%	784	762	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	748	762
	Moga	0.00%	100.00%	0.00%	0.00%	788	765	781
	Phagi	0.00%	100.00%	0.00%	0.00%	775	755	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	754	770
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	762	772
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	753	779
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	757	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	772	784
	Raichur	0.00%	100.00%	0.00%	0.00%	792	757	778
	Thiruvalam	0.00%	85.79%	14.21%	14.21%	803	780	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	751	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	778	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	772	760	766
NER	Balipara (400 kV)	0.00%	91.85%	8.15%	8.15%	424	408	416
	Bongaigaon (400 kV)	0.00%	96.24%	3.76%	3.76%	422	404	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	0	412

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