

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

Date of Reporting: **23-Oct-15**  
System Reliability Indices Report for: **22-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	49	12.25	51.04
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	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 22-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	773	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	755	768
	Moga	0.00%	93.82%	6.18%	6.18%	806	774	789
	Phagi	0.00%	100.00%	0.00%	0.00%	785	766	775
WR	Aurangabad	0.00%	98.89%	0.00%	0.00%	800	761	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	770	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	769	782
	Sholapur	0.00%	93.40%	4.72%	4.72%	807	770	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	766	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	777	786
	Raichur	0.00%	100.00%	0.00%	0.00%	796	770	783
	Thiruvalam	0.00%	75.85%	24.15%	24.15%	803	0	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	763	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	778	762	770
NER	Balipara (400 kV)	0.00%	83.89%	16.11%	16.11%	423	407	417
	Bongaigaon (400 kV)	0.00%	97.85%	2.15%	2.15%	421	405	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	415

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