

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

Date of Reporting: **22-Oct-15**
System Reliability Indices Report for: **21-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	30	7.50	31.25
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 21-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%	791	767	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	754	765
	Moga	0.00%	99.31%	0.69%	0.69%	801	773	786
	Phagi	0.00%	100.00%	0.00%	0.00%	785	761	770
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	751	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	767	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	770	779
	Sholapur	0.00%	99.65%	0.00%	0.00%	800	755	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	760	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	781	788
	Raichur	0.00%	100.00%	0.00%	0.00%	793	765	780
	Thiruvalam	0.00%	75.35%	24.65%	24.65%	803	788	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	753	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	778	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	772	758	766
NER	Balipara (400 kV)	0.00%	91.04%	8.96%	8.96%	425	398	415
	Bongaigaon (400 kV)	0.00%	98.89%	1.11%	1.11%	421	400	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	413

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