

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

Date of Reporting: 28-Jan-16
System Reliability Indices Report for: 27-Jan-16

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	44	11.00	45.83
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	5	1.25	5.21
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 27-Jan-2016

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%	790	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	744	757
	Moga	0.00%	98.96%	1.04%	1.04%	802	764	783
	Phagi	0.00%	100.00%	0.00%	0.00%	784	744	766
WR	Aurangabad	0.00%	99.10%	0.90%	0.90%	806	764	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	764	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	761	778
	Sholapur	0.00%	58.26%	37.29%	37.29%	815	773	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	754	778
SR	Nellore PS	0.00%	90.49%	9.51%	9.51%	804	773	787
	Raichur	0.00%	60.56%	39.44%	39.44%	808	774	793
	Thiruvalam	0.00%	51.67%	48.33%	48.33%	819	786	801
ER	Gaya	0.00%	100.00%	0.00%	0.00%	775	748	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	781
NER	Balipara (400 kV)	0.00%	62.85%	37.15%	37.15%	431	403	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	405
	Silchar (400 kV)	0.00%	94.58%	5.42%	5.42%	421	401	412

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