

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

**Date of Reporting: 6-Jan-16
System Reliability Indices Report for: 5-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	NEW-SR	42	10.50	43.75
4	ER-NER	61	15.25	63.54

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	1	0.25	1.04
4	ER-NER	54	13.50	56.25

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 05-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%	99.86%	0.00%	0.00%	800	747	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	732	757
	Moga	0.00%	98.54%	1.46%	1.46%	804	754	781
	Phagi	0.00%	100.00%	0.00%	0.00%	787	740	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	0	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	768	774
	Gwalior	0.00%	99.65%	0.35%	0.35%	803	755	780
	Sholapur	0.00%	61.46%	33.19%	33.19%	814	768	792
	Vadodara	0.00%	99.56%	0.44%	0.44%	801	0	786
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	773	785
	Raichur	0.00%	99.01%	0.99%	0.99%	802	0	788
	Thiruvalam	0.00%	20.42%	79.58%	79.58%	810	788	806
ER	Gaya	0.00%	100.00%	0.00%	0.00%	775	733	756
	Jharsuguda	0.00%	87.15%	12.85%	12.85%	805	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	777
NER	Balipara (400 kV)	0.00%	67.08%	32.92%	32.92%	431	389	416
	Bongaigaon (400 kV)	0.14%	99.86%	0.00%	0.14%	417	380	403
	Silchar (400 kV)	0.00%	94.03%	5.97%	5.97%	424	397	413

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