

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

**Date of Reporting: 9-Jan-16
System Reliability Indices Report for: 8-Jan-16**

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	0	0.00	0.00
4	ER-NER	50	12.50	52.08

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	42	10.50	43.75

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 08-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	1.25%	98.40%	0.00%	1.25%	790	720	764
	Fatehpur	1.61%	98.18%	0.00%	1.61%	775	722	752
	Moga	0.00%	99.09%	0.91%	0.91%	802	754	778
	Phagi	2.38%	97.62%	0.00%	2.38%	783	717	759
WR	Aurangabad	0.00%	99.16%	0.84%	0.84%	801	751	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	764	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	729	771
	Sholapur	0.00%	57.32%	38.89%	38.89%	815	763	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	781
SR	Nellore PS	0.00%	95.73%	4.27%	4.27%	804	773	790
	Raichur	0.00%	75.56%	24.44%	24.44%	811	0	792
	Thiruvalam	0.00%	28.61%	71.39%	71.39%	816	786	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	737	755
	Jharsuguda	0.00%	99.44%	0.56%	0.56%	801	781	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	778
NER	Balipara (400 kV)	0.00%	64.26%	35.74%	35.74%	429	397	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	385	404
	Silchar (400 kV)	0.00%	95.66%	4.34%	4.34%	421	396	411

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