

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

**Date of Reporting: 8-Jan-16
System Reliability Indices Report for: 7-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	63	15.75	65.63
4	ER-NER	9	2.25	9.38

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	35	8.75	36.46
4	ER-NER	6	1.50	6.25

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 07-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%	99.24%	0.56%	0.56%	807	737	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	729	755
	Moga	0.00%	80.28%	19.72%	19.72%	807	753	781
	Phagi	0.00%	100.00%	0.00%	0.00%	788	734	764
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	802	754	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	761	773
	Gwalior	0.00%	99.58%	0.42%	0.42%	805	738	775
	Sholapur	0.00%	58.89%	39.24%	39.24%	815	768	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	761	781
SR	Nellore PS	0.00%	99.10%	0.90%	0.90%	801	-795	786
	Raichur	0.00%	93.96%	6.04%	6.04%	806	771	789
	Thiruvalam	0.00%	59.13%	40.87%	40.87%	814	0	799
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	740	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	782	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	768	779
NER	Balipara (400 kV)	0.00%	70.49%	29.51%	29.51%	432	389	415
	Bongaigaon (400 kV)	0.56%	99.31%	0.14%	0.69%	420	377	404
	Silchar (400 kV)	0.00%	90.00%	10.00%	10.00%	423	391	411

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