

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

**Date of Reporting: 10-Jan-16
System Reliability Indices Report for: 9-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	19	4.75	19.79
4	ER-NER	5	1.25	5.21

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	5	1.25	5.21

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 09-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%	794	751	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	738	754
	Moga	0.00%	99.51%	0.49%	0.49%	801	764	783
	Phagi	0.00%	100.00%	0.00%	0.00%	782	741	761
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	761	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	761	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	753	774
	Sholapur	0.00%	56.25%	39.86%	39.86%	815	776	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	764	781
SR	Nellore PS	0.00%	94.38%	5.63%	5.63%	804	781	792
	Raichur	0.00%	65.83%	34.17%	34.17%	813	767	797
	Thiruvalam	0.00%	28.06%	71.94%	71.94%	816	789	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	775	742	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	773	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	771	778
NER	Balipara (400 kV)	0.00%	75.63%	24.38%	24.38%	428	398	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	405
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	420	400	411

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