

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

**Date of Reporting: 11-Jan-16
System Reliability Indices Report for: 10-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	29	7.25	30.21
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	0	0.00	0.00
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 10-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%	791	755	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	738	755
	Moga	0.00%	98.61%	1.39%	1.39%	803	770	784
	Phagi	0.00%	100.00%	0.00%	0.00%	782	745	764
WR	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	758	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	767	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	774
	Sholapur	0.00%	55.69%	40.42%	40.42%	816	773	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	764	780
SR	Nellore PS	0.00%	96.39%	3.61%	3.61%	806	778	791
	Raichur	0.00%	63.33%	36.67%	36.67%	815	773	794
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	797	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	745	756
	Jharsuguda	0.00%	81.81%	18.19%	18.19%	804	778	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	775	780
NER	Balipara (400 kV)	0.00%	83.33%	16.67%	16.67%	427	401	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	388	403
	Silchar (400 kV)	0.00%	99.65%	0.35%	0.35%	420	399	411

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