

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

**Date of Reporting: 21-Feb-16  
System Reliability Indices Report for: 20-Feb-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	0	0.00	0.00

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 20-Feb-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%	792	754	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	738	761
	Moga	0.00%	82.43%	17.57%	17.57%	809	769	788
	Phagi	0.00%	100.00%	0.00%	0.00%	785	750	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	743	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	759	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	756	776
	Sholapur	0.00%	98.89%	1.11%	1.11%	805	754	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	757	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	765	778
	Raichur	0.00%	99.86%	0.14%	0.14%	800	761	782
	Thiruvalam	0.00%	93.61%	6.39%	6.39%	806	773	784
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	741	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	784	784	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	771	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	399
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	405
	Silchar (400 kV)	0.00%	91.94%	8.06%	8.06%	421	402	412

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