

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

**Date of Reporting: 10-Feb-16  
System Reliability Indices Report for: 9-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	33	8.25	34.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	64	16.00	66.67
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	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	NEW-SR	41	10.25	42.71
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 09-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%	790	751	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	746	760
	Moga	0.00%	99.51%	0.49%	0.49%	801	769	784
	Phagi	0.00%	100.00%	0.00%	0.00%	785	745	765
WR	Aurangabad	0.00%	99.93%	0.07%	0.07%	801	733	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	759	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	750	771
	Sholapur	0.00%	97.70%	0.00%	0.00%	800	742	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	763	782
	Raichur	0.00%	99.93%	0.07%	0.07%	800	754	783
	Thiruvalam	0.00%	43.70%	56.30%	56.30%	809	784	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	740	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	782
NER	Balipara (400 kV)	0.00%	84.09%	15.91%	15.91%	423	0	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	414	414
	Silchar (400 kV)	0.00%	84.13%	15.87%	15.87%	422	402	414

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