

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

**Date of Reporting: 8-Feb-16  
System Reliability Indices Report for: 7-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	19	4.75	19.79
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 07-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%	99.93%	0.00%	0.00%	800	758	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	751	768
	Moga	0.00%	99.86%	0.14%	0.14%	800	759	785
	Phagi	0.00%	100.00%	0.00%	0.00%	787	751	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	736	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	761	780
	Sholapur	0.00%	72.08%	23.13%	23.13%	813	757	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	761	781
SR	Nellore PS	0.00%	84.86%	15.14%	15.14%	805	777	792
	Raichur	0.00%	69.79%	30.21%	30.21%	809	768	793
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	819	811	815
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	745	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	773	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	783
NER	Balipara (400 kV)	0.00%	90.90%	9.10%	9.10%	426	396	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	408	414
	Silchar (400 kV)	0.00%	89.65%	10.35%	10.35%	421	403	415

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