

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

**Date of Reporting: 4-Feb-16  
System Reliability Indices Report for: 3-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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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 03-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%	789	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	743	759
	Moga	0.00%	100.00%	0.00%	0.00%	800	764	784
	Phagi	0.00%	100.00%	0.00%	0.00%	781	752	767
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	758	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	764	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	760	776
	Sholapur	0.00%	69.10%	27.36%	27.36%	814	772	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	763	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	758	780
	Raichur	0.00%	76.04%	23.96%	23.96%	811	0	791
	Thiruvalam	0.00%	90.69%	9.31%	9.31%	812	787	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	742	754
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	770	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	769	781
NER	Balipara (400 kV)	0.00%	61.53%	38.47%	38.47%	428	400	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	407
	Silchar (400 kV)	0.00%	74.72%	25.28%	25.28%	423	404	415

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