

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

**Date of Reporting: 2-Feb-16  
System Reliability Indices Report for: 1-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 01-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%	791	752	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	745	763
	Moga	0.00%	95.78%	4.22%	4.22%	804	773	786
	Phagi	0.00%	100.00%	0.00%	0.00%	783	729	767
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	803	756	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	755	776
	Sholapur	0.00%	68.28%	30.80%	30.80%	813	771	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	766	780
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	779	756	766
	Raichur	0.00%	86.23%	13.77%	13.77%	806	769	789
	Thiruvalam	0.00%	24.37%	75.63%	75.63%	816	790	809
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	747	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	771	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	771	781
NER	Balipara (400 kV)	0.00%	85.51%	14.49%	14.49%	432	398	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	388	403
	Silchar (400 kV)	0.00%	90.65%	9.35%	9.35%	423	401	414

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