

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

**Date of Reporting: 12-Feb-16  
System Reliability Indices Report for: 11-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	29	7.25	30.21
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	2	0.50	2.08
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 11-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%	795	758	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	739	759
	Moga	0.00%	99.72%	0.28%	0.28%	802	771	785
	Phagi	0.00%	100.00%	0.00%	0.00%	789	752	770
WR	Aurangabad	0.00%	99.51%	0.49%	0.49%	806	743	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	768	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	763	778
	Sholapur	0.00%	86.94%	9.65%	9.65%	811	762	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	763	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	762	781
	Raichur	0.00%	97.78%	2.22%	2.22%	802	764	785
	Thiruvalam	0.00%	68.90%	31.10%	31.10%	812	0	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	741	754
	Jharsuguda	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	786
NER	Balipara (400 kV)	0.00%	82.08%	17.92%	17.92%	425	388	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	414	414
	Silchar (400 kV)	0.00%	81.67%	18.33%	18.33%	423	402	414

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