

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

**Date of Reporting: 31-Jan-16
System Reliability Indices Report for: 30-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	6	1.50	6.25
4	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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 30-Jan-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%	796	753	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	744	761
	Moga	0.00%	92.50%	7.50%	7.50%	806	770	787
	Phagi	0.00%	100.00%	0.00%	0.00%	789	749	770
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	751	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	752	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	760	782
	Sholapur	0.00%	77.78%	20.42%	20.42%	811	767	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	763	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	781	755	766
	Raichur	0.00%	93.82%	6.18%	6.18%	805	770	789
	Thiruvallam	0.00%	0.00%	100.00%	100.00%	816	816	816
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	738	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	0	0	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	781
NER	Balipara (400 kV)	0.00%	62.92%	37.08%	37.08%	433	389	416
	Bongaigaon (400 kV)	0.21%	99.79%	0.00%	0.21%	412	380	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	0	410

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