

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

**Date of Reporting: 30-Jan-16
System Reliability Indices Report for: 29-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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 29-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%	792	753	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	736	759
	Moga	0.00%	97.85%	2.15%	2.15%	804	771	785
	Phagi	0.00%	100.00%	0.00%	0.00%	784	746	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	752	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	778
	Sholapur	0.00%	73.54%	25.07%	25.07%	811	765	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	780	756	767
	Raichur	0.00%	95.00%	5.00%	5.00%	806	767	788
	Thiruvallam	0.00%	0.00%	100.00%	100.00%	816	816	816
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	735	748
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	0	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	760	775
NER	Balipara (400 kV)	0.00%	69.72%	30.28%	30.28%	428	395	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	385	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	410

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