

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

Date of Reporting: 23-Jan-16  
System Reliability Indices Report for: 22-Jan-16

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	86	21.50	89.58
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**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	78	19.50	81.25
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 22-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%	797	755	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	737	756
	Moga	0.00%	99.58%	0.42%	0.42%	801	770	784
	Phagi	0.00%	100.00%	0.00%	0.00%	786	753	769
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	804	749	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	756	776
	Sholapur	0.00%	53.47%	44.86%	44.86%	817	767	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	764	779
SR	Nellore PS	0.00%	98.75%	1.25%	1.25%	802	778	787
	Raichur	0.00%	64.65%	35.35%	35.35%	811	766	792
	Thiruvalam	0.00%	41.32%	58.68%	58.68%	823	789	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	734	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	764	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	768	784
NER	Balipara (400 kV)	0.00%	71.94%	28.06%	28.06%	428	382	415
	Bongaigaon (400 kV)	0.69%	99.31%	0.00%	0.69%	416	378	404
	Silchar (400 kV)	0.00%	99.79%	0.21%	0.21%	420	395	411

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