

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **22-Jan-16**
System Reliability Indices Report for: **21-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	76	19.00	79.17
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	64	16.00	66.67
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 21-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	750	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	735	755
	Moga	0.00%	97.50%	2.50%	2.50%	804	764	783
	Phagi	0.00%	100.00%	0.00%	0.00%	789	744	766
WR	Aurangabad	0.00%	98.40%	1.60%	1.60%	802	749	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	775
	Sholapur	0.00%	61.32%	33.19%	33.19%	814	763	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	761	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	785	785
	Raichur	0.00%	90.28%	9.72%	9.72%	808	762	787
	Thiruvalam	0.00%	55.69%	44.31%	44.31%	819	780	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	769	740	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	773	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	773	782
NER	Balipara (400 kV)	0.00%	94.72%	5.28%	5.28%	432	391	410
	Bongaigaon (400 kV)	0.83%	99.17%	0.00%	0.83%	415	376	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	393	410

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