

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **18-Jan-16**
System Reliability Indices Report for: **17-Jan-16**

Percentage (%) of times ATC 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

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 17-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%	793	767	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	747	761
	Moga	0.00%	99.24%	0.76%	0.76%	803	776	789
	Phagi	0.00%	100.00%	0.00%	0.00%	786	766	777
WR	Aurangabad	0.00%	96.94%	3.06%	3.06%	807	757	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	776	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	770	785
	Sholapur	0.00%	52.57%	47.43%	47.43%	817	771	798
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	767	781
SR	Nellore PS	0.00%	92.92%	7.08%	7.08%	807	779	792
	Raichur	0.00%	79.79%	20.21%	20.21%	810	771	793
	Thiruvalam	0.00%	18.26%	81.74%	81.74%	819	794	808
ER	Gaya	0.00%	100.00%	0.00%	0.00%	777	742	762
	Jharsuguda	0.00%	73.13%	26.88%	26.88%	809	787	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	779	779	779
NER	Balipara (400 kV)	0.00%	85.69%	14.31%	14.31%	428	387	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	380	403
	Silchar (400 kV)	0.00%	99.72%	0.28%	0.28%	420	397	412

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