

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-Jan-16**
System Reliability Indices Report for: **19-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	83	20.75	86.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
4	ER-NER	2	0.50	2.08

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	56	14.00	58.33
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 19-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	757	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	741	764
	Moga	0.00%	98.50%	1.50%	1.50%	806	765	782
	Phagi	0.00%	100.00%	0.00%	0.00%	787	750	767
WR	Aurangabad	0.00%	99.64%	0.36%	0.36%	803	747	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	766	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	762	779
	Sholapur	0.00%	45.58%	46.66%	46.66%	819	765	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	761	776
SR	Nellore PS	0.00%	83.93%	16.07%	16.07%	807	757	779
	Raichur	0.00%	73.56%	26.44%	26.44%	809	765	793
	Thiruvalam	0.00%	33.50%	66.50%	66.50%	817	781	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	0	762
	Jharsuguda	0.00%	97.14%	2.86%	2.86%	801	0	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	0	782
NER	Balipara (400 kV)	0.00%	87.05%	12.95%	12.95%	432	394	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	387	404
	Silchar (400 kV)	0.00%	99.78%	0.22%	0.22%	421	401	411

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