

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

**Date of Reporting: 19-Jan-16
System Reliability Indices Report for: 18-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 18-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	756	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	736	758
	Moga	0.07%	98.13%	1.81%	1.88%	804	720	780
	Phagi	0.00%	100.00%	0.00%	0.00%	792	745	770
WR	Aurangabad	0.00%	99.31%	0.69%	0.69%	802	749	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	768	779
	Gwalior	0.00%	99.86%	0.14%	0.14%	800	761	780
	Sholapur	0.00%	53.96%	42.15%	42.15%	815	761	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	757	777
SR	Nellore PS	0.00%	85.76%	14.24%	14.24%	805	756	781
	Raichur	0.00%	79.79%	20.21%	20.21%	814	766	792
	Thiruvalam	0.00%	22.78%	77.22%	77.22%	820	782	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	775	737	758
	Jharsuguda	0.00%	82.36%	17.64%	17.64%	806	777	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	781
NER	Balipara (400 kV)	0.00%	87.78%	12.22%	12.22%	427	400	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	410

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