

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

**Date of Reporting: 20-Dec-15
System Reliability Indices Report for: 19-Dec-15**

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	20	5.00	20.83
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 19-Dec-2015

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%	795	747	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	747	764
	Moga	0.00%	97.22%	2.78%	2.78%	804	758	780
	Phagi	0.00%	100.00%	0.00%	0.00%	788	738	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	751	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	751	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	746	774
	Sholapur	0.00%	79.51%	13.75%	13.75%	808	758	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	755	779
SR	Nellore PS	0.00%	98.33%	1.67%	1.67%	801	767	785
	Raichur	0.00%	89.10%	10.90%	10.90%	809	764	788
	Thiruvalam	0.00%	24.89%	75.11%	75.11%	821	0	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	744	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	761	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	774	747	764
NER	Balipara (400 kV)	0.00%	69.72%	30.28%	30.28%	434	396	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	385	401
	Silchar (400 kV)	0.00%	94.65%	5.35%	5.35%	423	392	410

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