

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Dec-15**
System Reliability Indices Report for: **22-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	19	4.75	19.79
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 22-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%	99.44%	0.35%	0.35%	803	749	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	735	758
	Moga	0.00%	100.00%	0.00%	0.00%	797	759	780
	Phagi	0.00%	100.00%	0.00%	0.00%	791	745	767
WR	Aurangabad	0.00%	98.53%	1.47%	1.47%	805	749	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	756	767
	Gwalior	0.00%	99.79%	0.21%	0.21%	801	751	775
	Sholapur	0.00%	71.42%	27.81%	27.81%	817	763	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	757	779
SR	Nellore PS	0.00%	79.04%	20.96%	20.96%	808	773	792
	Raichur	0.00%	53.60%	46.40%	46.40%	815	-807	797
	Thiruvallam	0.00%	9.01%	90.99%	90.99%	821	787	808
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	750	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	767	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	779	754	766
NER	Balipara (400 kV)	0.00%	62.75%	37.25%	37.25%	432	394	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	383	404
	Silchar (400 kV)	0.00%	70.51%	29.49%	29.49%	427	394	413

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