

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **30-Dec-15**
System Reliability Indices Report for: **29-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	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 29-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%	791	741	772
	Fatehpur	0.00%	99.86%	0.00%	0.00%	774	728	754
	Moga	0.00%	97.50%	2.50%	2.50%	804	754	781
	Phagi	0.00%	100.00%	0.00%	0.00%	785	739	764
WR	Aurangabad	0.00%	98.54%	1.46%	1.46%	803	760	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	784	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	747	776
	Sholapur	0.00%	54.38%	44.24%	44.24%	819	772	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	762	779
SR	Nellore PS	0.00%	81.39%	18.61%	18.61%	805	777	791
	Raichur	0.00%	55.28%	44.72%	44.72%	815	778	797
	Thiruvalam	0.00%	47.85%	52.15%	52.15%	818	788	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	734	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	776
NER	Balipara (400 kV)	0.00%	56.18%	43.82%	43.82%	431	398	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	403
	Silchar (400 kV)	0.00%	99.93%	0.07%	0.07%	420	398	411

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