

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

Date of Reporting: **6-Dec-16**  
System Reliability Indices Report for: **5-Dec-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	Import of NR	0	0.00	0.00
4	NEW-SR	19	4.75	19.79
5	NER Import	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	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	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 05-Dec-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%	793	752	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	740	759
	Moga	0.00%	99.51%	0.49%	0.49%	801	761	783
	Phagi	0.00%	100.00%	0.00%	0.00%	796	761	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	758	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	759	776
	Sholapur	0.00%	98.82%	1.18%	1.18%	804	759	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	779
SR	Nellore PS	0.00%	98.19%	1.81%	1.81%	802	777	788
	Raichur	0.00%	99.38%	0.63%	0.63%	801	770	785
	Thiruvalam	0.00%	52.85%	47.15%	47.15%	818	788	801
ER	Gaya	0.00%	100.00%	0.00%	0.00%	791	759	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	772	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	765	776
NER	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	424	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	409
	Silchar (400 kV)	0.00%	81.11%	18.89%	18.89%	422	402	415

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