

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

Date of Reporting: **17-May-16**  
System Reliability Indices Report for: **16-May-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	33	8.25	34.38
4	NEW-SR	0	0.00	0.00
5	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	Import of NR	0	0.00	0.00
4	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 16-May-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%	782	749	763
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	755	761
	Ballia	0.00%	100.00%	0.00%	0.00%	785	756	766
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	755	767
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	741	755
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	739	752
	Jhatikara	0.00%	100.00%	0.00%	0.00%	782	746	765
	Lucknow	0.00%	100.00%	0.00%	0.00%	780	749	762
	Meerut	0.00%	100.00%	0.00%	0.00%	785	753	767
	Moga	0.00%	100.00%	0.00%	0.00%	773	746	759
	Phagi	0.00%	100.00%	0.00%	0.00%	776	746	757
Unnao	0.28%	99.72%	0.00%	0.28%	766	728	743	
WR	Akola	0.00%	100.00%	0.00%	0.00%	770	745	758
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	761	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	747	759
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	754	761
	Bina	0.00%	100.00%	0.00%	0.00%	786	756	766
	Champa	0.00%	100.00%	0.00%	0.00%	793	776	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	762	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	759	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	755	767
	Indore	0.00%	100.00%	0.00%	0.00%	775	745	757
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	759	769
	Koradi	0.00%	100.00%	0.00%	0.00%	764	737	752
	Pune	0.00%	100.00%	0.00%	0.00%	796	753	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	790	775	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	771	778
	Sasan	0.00%	100.00%	0.00%	0.00%	772	755	763
	Satna	0.00%	100.00%	0.00%	0.00%	777	757	765
	Seoni	0.00%	100.00%	0.00%	0.00%	786	758	771
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	760
	Sholapur	0.00%	81.88%	12.71%	12.71%	805	776	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	790	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	784	751	769	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	761	765	
Wardha	0.00%	100.00%	0.00%	0.00%	796	764	778	
SR	Nellore PS	0.00%	88.82%	11.18%	11.18%	804	788	795
	Raichur	0.00%	74.03%	25.97%	25.97%	807	781	795
	Kurnool	0.00%	51.94%	48.06%	48.06%	812	790	800
	Thiruvalam	0.00%	3.13%	96.88%	96.88%	814	798	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	757	765
	Gaya	0.00%	100.00%	0.00%	0.00%	779	753	762
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	772	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	767	777
	Sasaram	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	387	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	413

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