

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

Date of Reporting: **24-May-16**  
System Reliability Indices Report for: **23-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	0	0.00	0.00
4	NEW-SR	14	3.50	14.58
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 23-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%	99.93%	0.00%	0.00%	800	756	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	760	771
	Ballia	0.00%	100.00%	0.00%	0.00%	790	743	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	761	782
	Bareilly	0.21%	99.79%	0.00%	0.21%	760	723	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	747	765
	Jhatikara	0.00%	97.43%	2.57%	2.57%	804	762	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	756	776
	Meerut	0.00%	84.93%	13.19%	13.19%	815	752	785
	Moga	0.00%	100.00%	0.00%	0.00%	794	744	773
Phagi	0.00%	100.00%	0.00%	0.00%	786	753	767	
Unnao	0.00%	100.00%	0.00%	0.00%	782	746	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	771	744	757
	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	755	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	751	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	751	761
	Bina	0.00%	100.00%	0.00%	0.00%	794	761	776
	Champa	0.00%	94.10%	2.08%	2.08%	802	776	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	751	763
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	751	774
	Gwalior	0.00%	99.86%	0.14%	0.14%	801	746	781
	Indore	0.00%	100.00%	0.00%	0.00%	784	738	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	757	771
	Koradi	0.00%	100.00%	0.00%	0.00%	759	737	748
	Pune	0.00%	96.32%	0.00%	0.00%	800	749	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	776	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	759	777
	Sasan	0.00%	100.00%	0.00%	0.00%	785	753	777
	Satna	0.00%	98.96%	0.00%	0.00%	800	769	785
	Seoni	0.00%	100.00%	0.00%	0.00%	791	758	774
	Sipat	0.00%	100.00%	0.00%	0.00%	768	751	760
	Sholapur	0.00%	79.86%	19.10%	19.10%	809	768	788
Tamnara PS	0.00%	99.72%	0.28%	0.28%	800	778	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	751	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	768	779	
Wardha	0.00%	99.93%	0.07%	0.07%	801	760	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	768	785
	Raichur	0.00%	78.82%	21.18%	21.18%	808	767	790
	Kurnool	0.00%	73.75%	26.25%	26.25%	809	771	793
	Thiruvalam	0.00%	93.47%	6.53%	6.53%	809	766	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	771	756	764
	Gaya	0.00%	100.00%	0.00%	0.00%	789	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	762	774
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	759	777
	Sasaram	0.63%	99.38%	0.00%	0.63%	794	725	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
	Balipara (400 kV)	0.00%	84.58%	15.42%	15.42%	423	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	404
	Misa (400 kV)	0.00%	71.32%	28.68%	28.68%	424	393	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	411

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