

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

Date of Reporting: **22-May-16**  
System Reliability Indices Report for: **21-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	22	5.50	22.92
4	NEW-SR	4	1.00	4.17
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	1	0.25	0.01
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 21-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%	794	751	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	763	770
	Ballia	0.00%	100.00%	0.00%	0.00%	794	752	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	755	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	744	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	747	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	750	773
	Meerut	0.00%	99.93%	0.00%	0.00%	800	750	775
	Moga	0.00%	100.00%	0.00%	0.00%	786	747	764
Phagi	0.00%	100.00%	0.00%	0.00%	791	756	773	
Unnao	0.00%	100.00%	0.00%	0.00%	778	732	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	751	766
	Aurangabad	0.00%	91.32%	8.68%	8.68%	805	765	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	748	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	767	754	758
	Bina	0.00%	100.00%	0.00%	0.00%	790	758	778
	Champa	0.00%	99.44%	0.07%	0.07%	801	781	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	744	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	762	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	755	777
	Indore	0.00%	100.00%	0.00%	0.00%	781	745	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	756	775
	Koradi	0.00%	100.00%	0.00%	0.00%	774	742	760
	Pune	0.00%	99.38%	0.00%	0.00%	800	759	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	779	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	770	780
	Sasan	0.00%	100.00%	0.00%	0.00%	785	744	775
	Satna	0.00%	100.00%	0.00%	0.00%	789	760	778
	Seoni	0.00%	100.00%	0.00%	0.00%	791	764	778
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	763
	Sholapur	0.00%	61.32%	37.71%	37.71%	811	772	793
Tamnar PS	0.00%	99.93%	0.07%	0.07%	800	782	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	756	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	766	777	
Wardha	0.00%	98.54%	1.46%	1.46%	802	767	785	
SR	Nellore PS	0.00%	94.17%	5.83%	5.83%	803	778	789
	Raichur	0.00%	89.10%	10.90%	10.90%	807	770	788
	Kurnool	0.00%	85.97%	14.03%	14.03%	809	776	792
	Thiruvalam	0.00%	77.57%	22.43%	22.43%	808	782	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	778	756	770
	Gaya	0.00%	100.00%	0.00%	0.00%	787	750	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	764	779
	Ranchi	0.00%	99.93%	0.07%	0.07%	800	761	782
Sasaram	0.00%	100.00%	0.00%	0.00%	774	745	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409
	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	423	398	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	Misa (400 kV)	0.00%	93.89%	6.11%	6.11%	424	403	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	407	413

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