

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

Date of Reporting: **20-Jun-16**  
System Reliability Indices Report for: **19-Jun-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	25	6.25	26.04
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 19-Jun-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	743	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	752	763
	Ballia	0.00%	100.00%	0.00%	0.00%	783	742	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	756	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	733	754
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	738	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	749	763
	Meerut	0.00%	98.33%	0.56%	0.56%	802	754	778
	Moga	0.00%	100.00%	0.00%	0.00%	786	751	770
Phagi	0.00%	100.00%	0.00%	0.00%	748	748	748	
Unnao	1.25%	98.75%	0.00%	1.25%	774	727	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	761	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	766	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	750	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	760	766
	Bina	0.00%	100.00%	0.00%	0.00%	793	755	771
	Champa	0.00%	100.00%	0.00%	0.00%	797	782	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	770	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	751	774
	Gwalior	0.00%	99.93%	0.07%	0.07%	800	738	773
	Indore	0.00%	100.00%	0.00%	0.00%	793	756	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	762	775
	Koradi	0.00%	100.00%	0.00%	0.00%	767	750	759
	Pune	0.00%	99.93%	0.00%	0.00%	800	762	784
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	783	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	766
	Satna	0.00%	100.00%	0.00%	0.00%	787	750	769
	Seoni	0.00%	100.00%	0.00%	0.00%	780	780	780
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	764
	Sholapur	0.00%	60.76%	34.58%	34.58%	809	777	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	783	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	759	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	762	769	
Wardha	0.00%	100.00%	0.00%	0.00%	799	772	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	780	787
	Raichur	0.00%	74.10%	25.90%	25.90%	806	777	794
	Kurnool	0.00%	69.86%	30.14%	30.14%	807	782	796
	Thiruvalam	0.00%	64.31%	35.69%	35.69%	807	787	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	772	779
	Gaya	0.00%	100.00%	0.00%	0.00%	779	744	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	777	787
Sasaram	0.00%	100.00%	0.00%	0.00%	782	739	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	408	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	406	409

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