

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

Date of Reporting: **20-Jul-16**  
System Reliability Indices Report for: **19-Jul-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
4	NEW-SR	17	4.25	17.71
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	3	0.75	3.13
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-Jul-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%	781	745	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	752	763
	Ballia	0.00%	100.00%	0.00%	0.00%	798	760	776
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	751	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	743	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	99.86%	0.14%	0.14%	801	761	772
	Meerut	0.00%	99.72%	0.07%	0.07%	801	751	777
	Moga	0.00%	100.00%	0.00%	0.00%	793	747	771
Phagi	0.00%	100.00%	0.00%	0.00%	790	749	772	
Unnao	1.32%	98.68%	0.00%	1.32%	782	725	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	753	768
	Aurangabad	0.00%	97.43%	2.57%	2.57%	805	766	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	751	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	767	773
	Bina	0.00%	100.00%	0.00%	0.00%	785	750	771
	Champa	0.00%	88.06%	6.88%	6.88%	806	790	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	772	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	768	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	746	774
	Indore	0.00%	100.00%	0.00%	0.00%	779	755	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	759	773
	Koradi	0.00%	100.00%	0.00%	0.00%	759	741	752
	Pune	0.00%	100.00%	0.00%	0.00%	790	729	761
	Raigarh PS (Kotra)	0.00%	97.85%	2.15%	2.15%	802	789	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	786	788
	Sasan	0.00%	100.00%	0.00%	0.00%	776	755	767
	Satna	0.00%	100.00%	0.00%	0.00%	786	750	772
	Seoni	0.00%	100.00%	0.00%	0.00%	787	787	787
	Sipat	0.00%	100.00%	0.00%	0.00%	777	766	771
	Sholapur	0.00%	91.94%	5.28%	5.28%	805	763	788
Tamnara PS	0.00%	99.72%	0.28%	0.28%	800	788	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	765	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	760	771	
Wardha	0.00%	94.17%	5.83%	5.83%	807	776	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	773	787
	Raichur	0.00%	96.74%	3.26%	3.26%	803	763	788
	Kurnool	0.00%	87.15%	12.85%	12.85%	806	771	793
	Thiruvalam	0.00%	64.17%	35.83%	35.83%	811	781	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	770	781
	Gaya	0.00%	100.00%	0.00%	0.00%	792	757	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	785
Sasaram	1.60%	98.40%	0.00%	1.60%	785	718	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	408
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	411

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