

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

Date of Reporting: **27-Aug-16**  
System Reliability Indices Report for: **26-Aug-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	19	4.75	19.79
5	ER-NER	18	4.50	18.75

**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	10	2.50	10.42

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 26-Aug-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%	99.58%	0.35%	0.35%	803	762	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	769	775
	Ballia	0.00%	100.00%	0.00%	0.00%	799	762	775
	Bhiwani	0.00%	97.50%	2.50%	2.50%	807	769	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	747	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	761	775
	Jhatikara	0.00%	98.96%	1.04%	1.04%	805	766	781
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	759	772
	Meerut	0.00%	89.51%	5.97%	5.97%	813	764	787
	Moga	0.00%	95.90%	4.10%	4.10%	810	767	785
Phagi	0.00%	100.00%	0.00%	0.00%	794	761	777	
Unnao	0.00%	100.00%	0.00%	0.00%	778	749	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	751	767
	Aurangabad	0.00%	99.38%	0.63%	0.63%	803	752	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	754	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	759	775
	Champa	0.00%	100.00%	0.00%	0.00%	797	781	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	760	771
	Dhule (BDTCL)	0.00%	98.61%	1.39%	1.39%	801	764	783
	Gwalior	0.00%	99.93%	0.07%	0.07%	801	762	779
	Indore	0.00%	100.00%	0.00%	0.00%	783	757	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	756	774
	Koradi	0.00%	100.00%	0.00%	0.00%	770	743	756
	Pune	0.00%	100.00%	0.00%	0.00%	775	738	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	780	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	782	771	779
	Sasan	0.00%	100.00%	0.00%	0.00%	778	761	770
	Satna	0.00%	100.00%	0.00%	0.00%	790	764	777
	Seoni	0.00%	100.00%	0.00%	0.00%	792	766	779
	Sipat	0.00%	100.00%	0.00%	0.00%	769	759	764
	Sholapur	0.00%	92.15%	7.85%	7.85%	813	761	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	780	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	768	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	765	773	
Wardha	0.00%	99.93%	0.07%	0.07%	800	763	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	768	780
	Raichur	0.00%	99.58%	0.42%	0.42%	803	762	782
	Kurnool	0.00%	98.40%	1.60%	1.60%	803	770	787
	Thiruvalam	0.00%	85.00%	15.00%	15.00%	803	779	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	773	755	767
	Gaya	0.00%	100.00%	0.00%	0.00%	796	761	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	770	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	763	778
Sasaram	0.00%	100.00%	0.00%	0.00%	787	736	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	400	405
	Balipara (400 kV)	0.00%	98.68%	1.32%	1.32%	423	394	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	404
	Misa (400 kV)	0.00%	98.68%	1.32%	1.32%	423	397	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	410	

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