

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

**Date of Reporting: 28-Aug-16
System Reliability Indices Report for: 27-Aug-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	0	0.00	0.00
5	ER-NER	14	3.50	14.58

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	9	2.25	9.38

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 27-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%	100.00%	0.00%	0.00%	799	749	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	769	775
	Ballia	0.00%	100.00%	0.00%	0.00%	794	756	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	770	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	740	769
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	765	781
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	759	771
	Meerut	0.00%	94.31%	3.68%	3.68%	808	770	787
	Moga	0.00%	100.00%	0.00%	0.00%	797	769	783
Phagi	0.00%	100.00%	0.00%	0.00%	790	755	773	
Unnao	0.00%	100.00%	0.00%	0.00%	777	746	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	796	748	768
	Aurangabad	0.00%	99.79%	0.21%	0.21%	806	748	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	748	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	757	763
	Bina	0.00%	100.00%	0.00%	0.00%	785	751	769
	Champa	0.00%	100.00%	0.00%	0.00%	796	778	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	758	766
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	763	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	750	774
	Indore	0.00%	100.00%	0.00%	0.00%	780	749	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	752	767
	Koradi	0.00%	100.00%	0.00%	0.00%	776	741	756
	Pune	0.00%	100.00%	0.00%	0.00%	796	765	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	776	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	768	775
	Sasan	0.00%	99.86%	0.14%	0.14%	1060	757	768
	Satna	0.00%	100.00%	0.00%	0.00%	786	757	773
	Seoni	0.00%	100.00%	0.00%	0.00%	792	764	775
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	762
	Sholapur	0.00%	93.82%	6.18%	6.18%	812	762	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	777	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	764	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	762	771	
Wardha	0.00%	99.86%	0.14%	0.14%	803	757	777	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	773	784
	Raichur	0.00%	98.56%	1.44%	1.44%	804	767	785
	Kurnool	0.00%	95.83%	4.17%	4.17%	806	775	791
	Thiruvalam	0.00%	70.58%	29.42%	29.42%	810	785	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	756	764
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	768	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	759	772
Sasaram	6.25%	93.75%	0.00%	6.25%	800	719	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	Balipara (400 kV)	0.00%	99.38%	0.63%	0.63%	420	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	403
	Misa (400 kV)	0.00%	99.30%	0.70%	0.70%	421	398	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	408	

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