

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

Date of Reporting: **22-Oct-16**
System Reliability Indices Report for: **21-Oct-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	29	7.25	30.21
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 21-Oct-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%	792	757	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	761	767
	Ballia	0.00%	100.00%	0.00%	0.00%	789	763	776
	Bhiwani	0.00%	84.51%	15.49%	15.49%	802	781	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	748	765
	Jhatikara	0.00%	93.82%	6.18%	6.18%	807	767	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	763	778
	Meerut	0.00%	91.11%	8.19%	8.19%	809	767	788
	Moga	0.00%	100.00%	0.00%	0.00%	780	780	780
Phagi	0.00%	100.00%	0.00%	0.00%	797	764	780	
Unnao	0.00%	100.00%	0.00%	0.00%	769	748	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	744	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	748	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	752	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	752	760
	Bina	0.00%	100.00%	0.00%	0.00%	786	756	770
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	759	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	751	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	758	776
	Indore	0.00%	100.00%	0.00%	0.00%	785	751	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	759	773
	Koradi	0.00%	100.00%	0.00%	0.00%	764	740	755
	Pune	0.00%	100.00%	0.00%	0.00%	798	745	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	777	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	762	777
	Sasan	0.00%	100.00%	0.00%	0.00%	772	759	765
	Satna	0.00%	100.00%	0.00%	0.00%	778	756	768
	Seoni	0.00%	100.00%	0.00%	0.00%	786	750	769
	Sipat	0.00%	100.00%	0.00%	0.00%	767	752	759
	Sholapur	0.00%	93.68%	6.32%	6.32%	806	755	779
Tamnar PS	0.00%	100.00%	0.00%	0.00%	795	778	786	
Tirora	0.00%	100.00%	0.00%	0.00%	761	744	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	755	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	764	768	
Wardha	0.00%	100.00%	0.00%	0.00%	793	760	776	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	766	777
	Raichur	0.00%	100.00%	0.00%	0.00%	799	757	778
	Kurnool	0.00%	99.38%	0.63%	0.63%	802	766	783
	Thiruvallam	0.00%	79.72%	20.28%	20.28%	801	778	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	764	776
	Gaya	0.00%	100.00%	0.00%	0.00%	787	762	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	769	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	764	777
Sasaram	0.00%	100.00%	0.00%	0.00%	786	733	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	403
	Misa (400 kV)	0.00%	98.54%	1.46%	1.46%	420	406	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409

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