

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

**Date of Reporting: 6-Oct-16
System Reliability Indices Report for: 5-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	41	10.25	42.71
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	10.42
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	2	0.50	2.08
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 05-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%	791	752	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	755	761
	Ballia	0.00%	100.00%	0.00%	0.00%	784	746	764
	Bhiwani	0.00%	98.82%	1.18%	1.18%	801	764	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	764	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	756	770
	Meerut	0.00%	96.81%	2.78%	2.78%	806	760	786
	Moga	0.00%	99.65%	0.35%	0.35%	801	759	780
Phagi	0.00%	100.00%	0.00%	0.00%	795	760	781	
Unnao	0.00%	100.00%	0.00%	0.00%	766	736	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	749	769
	Aurangabad	0.00%	98.61%	1.39%	1.39%	804	763	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	760	769
	Bina	0.00%	100.00%	0.00%	0.00%	795	769	784
	Champa	0.00%	50.63%	33.75%	33.75%	806	788	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	765	777
	Dhule (BDTCL)	0.00%	99.79%	0.21%	0.21%	802	758	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	761	782
	Indore	0.00%	100.00%	0.00%	0.00%	791	762	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	771	785
	Koradi	0.00%	100.00%	0.00%	0.00%	768	737	754
	Pune	0.00%	100.00%	0.00%	0.00%	787	736	761
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	781	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	783	787
	Sasan	0.00%	100.00%	0.00%	0.00%	784	770	778
	Satna	0.00%	100.00%	0.00%	0.00%	792	771	784
	Seoni	0.00%	100.00%	0.00%	0.00%	795	769	785
	Sipat	0.00%	100.00%	0.00%	0.00%	774	759	767
	Sholapur	0.00%	88.96%	11.04%	11.04%	810	765	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	783	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	742	755	
Vadodara	0.00%	96.04%	3.96%	3.96%	802	768	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	770	780	
Wardha	0.00%	98.06%	1.94%	1.94%	803	773	790	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	776	785
	Raichur	0.00%	98.26%	1.74%	1.74%	806	766	790
	Kurnool	0.00%	93.54%	6.46%	6.46%	809	776	793
	Thiruvalam	0.00%	73.33%	26.67%	26.67%	810	787	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	759	771
	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	771	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	780
Sasaram	0.00%	100.00%	0.00%	0.00%	776	747	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	406
	Balipara (400 kV)	0.00%	68.75%	31.25%	31.25%	426	404	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	391	400
	Misa (400 kV)	0.00%	62.71%	37.29%	37.29%	425	406	418
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	408

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