

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 14-Jul-16
System Reliability Indices Report for: 13-Jul-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	2	0.50	2.08
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 13-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%	779	751	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	751	760
	Ballia	0.00%	100.00%	0.00%	0.00%	795	750	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	756	772
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	744	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	743	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	755	772
	Meerut	0.00%	100.00%	0.00%	0.00%	797	757	777
	Moga	0.00%	100.00%	0.00%	0.00%	784	753	768
Phagi	0.00%	100.00%	0.00%	0.00%	786	757	771	
Unnao	0.00%	100.00%	0.00%	0.00%	767	729	744	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	754	770
	Aurangabad	0.00%	91.39%	8.61%	8.61%	804	756	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	745	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	757	767
	Bina	0.00%	100.00%	0.00%	0.00%	782	753	768
	Champa	0.00%	80.35%	17.92%	17.92%	804	781	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	764	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	751	770
	Indore	0.00%	100.00%	0.00%	0.00%	778	745	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	757	771
	Koradi	0.00%	100.00%	0.00%	0.00%	766	740	754
	Pune	0.00%	100.00%	0.00%	0.00%	785	732	759
	Raigarh PS (Kotra)	0.00%	86.18%	13.82%	13.82%	802	783	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	770	782
	Sasan	0.00%	100.00%	0.00%	0.00%	775	763	769
	Satna	0.00%	100.00%	0.00%	0.00%	781	761	772
	Seoni	0.00%	100.00%	0.00%	0.00%	793	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	765
	Sholapur	0.00%	70.14%	26.39%	26.39%	812	759	792
Tamnar PS	0.00%	99.86%	0.14%	0.14%	800	781	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	754	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	766	772	
Wardha	0.00%	100.00%	0.00%	0.00%	800	764	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	768	783
	Raichur	0.00%	87.08%	12.92%	12.92%	808	759	788
	Kurnool	0.00%	87.08%	12.92%	12.92%	809	764	789
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	797	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	761	775
	Gaya	0.00%	100.00%	0.00%	0.00%	789	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	773	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	759	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	785	743	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Balipara (400 kV)	0.00%	96.81%	3.19%	3.19%	423	402	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	407
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408

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