

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

**Date of Reporting: 15-Jul-16
System Reliability Indices Report for: 14-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	5	1.25	5.21
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 14-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%	751	751	751
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	749	760
	Ballia	0.00%	100.00%	0.00%	0.00%	795	755	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	759	774
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	740	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	745	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	751	774
	Meerut	0.00%	100.00%	0.00%	0.00%	799	759	778
	Moga	0.00%	100.00%	0.00%	0.00%	784	755	769
Phagi	0.00%	100.00%	0.00%	0.00%	788	754	772	
Unnao	2.92%	97.08%	0.00%	2.92%	769	725	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	753	769
	Aurangabad	0.00%	99.31%	0.69%	0.69%	802	750	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	751	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	761	768
	Bina	0.00%	100.00%	0.00%	0.00%	789	760	773
	Champa	0.00%	97.71%	0.21%	0.21%	802	783	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	769	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	762	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	756	773
	Indore	0.00%	100.00%	0.00%	0.00%	781	747	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	764	775
	Koradi	0.00%	100.00%	0.00%	0.00%	767	740	753
	Pune	0.00%	100.00%	0.00%	0.00%	780	734	760
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	785	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	780	784
	Sasan	0.00%	100.00%	0.00%	0.00%	778	764	770
	Satna	0.00%	100.00%	0.00%	0.00%	787	765	775
	Seoni	0.00%	100.00%	0.00%	0.00%	788	767	777
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	766
	Sholapur	0.00%	89.44%	8.47%	8.47%	806	761	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	758	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	766	772	
Wardha	0.00%	98.96%	1.04%	1.04%	804	762	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	767	777
	Raichur	0.00%	98.68%	1.32%	1.32%	805	758	783
	Kurnool	0.00%	98.75%	1.25%	1.25%	805	765	784
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	779	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	769	779
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	777
Sasaram	0.00%	99.92%	0.08%	0.08%	805	743	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	406
	Misa (400 kV)	0.00%	99.16%	0.84%	0.84%	423	405	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408

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