

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

**Date of Reporting: 13-Jul-16
System Reliability Indices Report for: 12-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	14	3.50	14.58
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	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 12-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%	796	760	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	753	762
	Ballia	0.00%	100.00%	0.00%	0.00%	796	755	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	763	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	746	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	756	775
	Meerut	0.00%	97.01%	2.43%	2.43%	804	764	781
	Moga	0.00%	100.00%	0.00%	0.00%	794	760	773
Phagi	0.00%	100.00%	0.00%	0.00%	797	763	778	
Unnao	0.00%	100.00%	0.00%	0.00%	780	729	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	759	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	769	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	762	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	764	770
	Bina	0.00%	100.00%	0.00%	0.00%	789	763	777
	Champa	0.00%	99.72%	0.00%	0.00%	800	788	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	771	776
	Dhule (BDTCL)	0.00%	99.93%	0.07%	0.07%	801	767	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	779
	Indore	0.00%	100.00%	0.00%	0.00%	786	761	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	770	779
	Koradi	0.00%	100.00%	0.00%	0.00%	762	745	754
	Pune	0.00%	100.00%	0.00%	0.00%	783	735	762
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	788	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	779	787
	Sasan	0.00%	100.00%	0.00%	0.00%	780	768	774
	Satna	0.00%	100.00%	0.00%	0.00%	788	768	780
	Seoni	0.00%	100.00%	0.00%	0.00%	791	773	784
	Sipat	0.00%	100.00%	0.00%	0.00%	772	763	768
	Sholapur	0.00%	60.56%	35.76%	35.76%	808	777	796
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	786	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	771	776	
Wardha	0.00%	100.00%	0.00%	0.00%	795	773	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	776	785
	Raichur	0.00%	83.19%	16.81%	16.81%	805	774	793
	Kurnool	0.00%	81.53%	18.47%	18.47%	806	778	794
	Thiruvalam	0.00%	76.53%	23.47%	23.47%	817	776	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	771	780
	Gaya	0.00%	100.00%	0.00%	0.00%	790	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	781
Sasaram	0.00%	100.00%	0.00%	0.00%	786	741	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408

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