

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

**Date of Reporting: 8-Jul-16
System Reliability Indices Report for: 7-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	23	5.75	23.96
4	NEW-SR	0	0.00	0.00
5	ER-NER	4	1.00	4.17

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	1	0.25	1.04
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 07-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%	792	748	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	748	756
	Ballia	0.00%	100.00%	0.00%	0.00%	778	739	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	755	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	739	758
	Jhatikara	0.00%	100.00%	0.00%	0.00%	755	755	755
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	743	764
	Meerut	0.00%	97.22%	2.64%	2.64%	809	754	779
	Moga	0.00%	100.00%	0.00%	0.00%	788	752	770
Phagi	0.00%	100.00%	0.00%	0.00%	790	748	770	
Unnao	0.69%	99.31%	0.00%	0.69%	767	725	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	777	757	769
	Aurangabad	0.00%	95.00%	5.00%	5.00%	804	777	792
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	755	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	762	771
	Bina	0.00%	100.00%	0.00%	0.00%	785	758	772
	Champa	0.00%	82.71%	7.57%	7.57%	803	788	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	769	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	755	775
	Indore	0.00%	100.00%	0.00%	0.00%	783	756	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	763	774
	Koradi	0.00%	100.00%	0.00%	0.00%	759	742	753
	Pune	0.00%	100.00%	0.00%	0.00%	799	730	761
	Raigarh PS (Kotra)	0.00%	99.93%	0.07%	0.07%	800	789	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	781	786
	Sasan	0.00%	100.00%	0.00%	0.00%	778	766	773
	Satna	0.00%	100.00%	0.00%	0.00%	785	767	777
	Seoni	0.00%	100.00%	0.00%	0.00%	791	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	774	763	769
	Sholapur	0.00%	74.58%	18.26%	18.26%	806	764	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	788	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	759	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	769	775	
Wardha	0.00%	96.46%	3.54%	3.54%	803	767	790	
SR	Nellore PS	0.00%	97.78%	2.22%	2.22%	802	775	788
	Raichur	0.00%	82.50%	17.50%	17.50%	807	770	792
	Kurnool	0.00%	81.18%	18.82%	18.82%	806	775	793
	Thiruvalam	0.00%	69.79%	30.21%	30.21%	812	782	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	770	779
	Gaya	0.00%	100.00%	0.00%	0.00%	771	740	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	777	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	785
Sasaram	0.00%	100.00%	0.00%	0.00%	777	736	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	420	394	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	408
	Misa (400 kV)	0.00%	91.88%	8.13%	8.13%	424	397	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411

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