

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

**Date of Reporting: 19-Jul-16  
System Reliability Indices Report for: 18-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	10	2.50	10.42
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 18-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%	778	753	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	752	765
	Ballia	0.00%	100.00%	0.00%	0.00%	783	744	769
	Bhiwani	0.00%	97.64%	2.36%	2.36%	802	757	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	741	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	739	759
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	748	775
	Meerut	0.00%	100.00%	0.00%	0.00%	798	750	775
	Moga	0.00%	100.00%	0.00%	0.00%	796	756	777
Phagi	0.00%	100.00%	0.00%	0.00%	795	752	773	
Unnao	2.71%	97.29%	0.00%	2.71%	764	725	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	752	772
	Aurangabad	0.00%	98.19%	1.81%	1.81%	805	752	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	752	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	764	771
	Bina	0.00%	100.00%	0.00%	0.00%	785	749	768
	Champa	0.00%	59.38%	34.10%	34.10%	808	785	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	767	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	748	773
	Indore	0.00%	100.00%	0.00%	0.00%	782	756	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	759	772
	Koradi	0.00%	100.00%	0.00%	0.00%	773	738	757
	Pune	0.07%	99.93%	0.00%	0.07%	796	728	766
	Raigarh PS (Kotra)	0.00%	88.96%	11.04%	11.04%	802	787	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	777	788
	Sasan	0.00%	100.00%	0.00%	0.00%	780	757	770
	Satna	0.00%	100.00%	0.00%	0.00%	789	756	774
	Seoni	0.00%	100.00%	0.00%	0.00%	792	773	786
	Sipat	0.00%	100.00%	0.00%	0.00%	775	763	769
	Sholapur	0.00%	83.47%	12.36%	12.36%	808	763	790
Tamnara PS	0.00%	99.17%	0.83%	0.83%	802	785	795	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	760	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	760	773	
Wardha	0.00%	95.49%	4.51%	4.51%	806	763	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	774	787
	Raichur	0.00%	98.82%	1.18%	1.18%	803	761	787
	Kurnool	0.00%	88.68%	11.32%	11.32%	806	772	792
	Thiruvalam	0.00%	69.10%	30.90%	30.90%	812	785	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	772	781
	Gaya	0.00%	100.00%	0.00%	0.00%	781	748	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	772	783
Sasaram	0.00%	100.00%	0.00%	0.00%	778	732	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	397	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409

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