

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

**Date of Reporting: 12-Jul-16  
System Reliability Indices Report for: 11-Jul-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	33	8.25	34.38
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	4	1.00	4.17
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 11-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%	781	746	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	755	762
	Ballia	0.00%	100.00%	0.00%	0.00%	786	759	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	752	767
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	742	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	756	773
	Meerut	0.00%	100.00%	0.00%	0.00%	791	754	773
	Moga	0.00%	100.00%	0.00%	0.00%	780	753	765
Phagi	0.00%	100.00%	0.00%	0.00%	784	751	767	
Unnao	0.00%	100.00%	0.00%	0.00%	770	738	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	759	769
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	772	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	760	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	764	769
	Bina	0.00%	100.00%	0.00%	0.00%	783	758	770
	Champa	0.00%	88.93%	6.06%	6.06%	806	789	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	771	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	780	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	755	768
	Indore	0.00%	100.00%	0.00%	0.00%	784	763	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	765	775
	Koradi	0.00%	100.00%	0.00%	0.00%	759	744	752
	Pune	0.00%	100.00%	0.00%	0.00%	776	747	761
	Raigarh PS (Kotra)	0.00%	95.10%	4.90%	4.90%	802	789	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	787	788
	Sasan	0.00%	100.00%	0.00%	0.00%	776	761	768
	Satna	0.00%	100.00%	0.00%	0.00%	783	760	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	772	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	762	768
	Sholapur	0.00%	58.39%	33.57%	33.57%	810	782	797
Tamnar PS	0.00%	100.00%	0.00%	0.00%	800	787	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	769	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	766	770	
Wardha	0.00%	100.00%	0.00%	0.00%	799	773	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	777	786
	Raichur	0.00%	77.62%	22.38%	22.38%	809	781	796
	Kurnool	0.00%	76.92%	23.08%	23.08%	809	784	796
	Thiruvalam	0.00%	88.69%	11.31%	11.31%	807	784	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	772	781
	Gaya	0.00%	100.00%	0.00%	0.00%	780	756	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	773	783
	Sasaram	1.20%	98.80%	0.00%	1.20%	775	723	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409

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