

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

Date of Reporting: **7-Jun-16**  
System Reliability Indices Report for: **6-Jun-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	Import of NR	31	7.75	32.29
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	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
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 06-Jun-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%	789	744	765
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	747	759
	Ballia	0.00%	100.00%	0.00%	0.00%	776	739	756
	Bhiwani	0.00%	100.00%	0.00%	0.00%	771	760	763
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	738	759
	Jhatikara	0.00%	100.00%	0.00%	0.00%	780	743	762
	Lucknow	0.00%	100.00%	0.00%	0.00%	783	743	763
	Meerut	0.00%	100.00%	0.00%	0.00%	794	750	774
	Moga	0.00%	100.00%	0.00%	0.00%	775	752	765
Phagi	0.00%	100.00%	0.00%	0.00%	784	744	761	
Unnao	0.00%	100.00%	0.00%	0.00%	772	730	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	772	744	761
	Aurangabad	0.00%	97.78%	2.22%	2.22%	805	754	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	744	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	784	757	769
	Champa	0.00%	100.00%	0.00%	0.00%	795	777	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	766	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	753	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	750	769
	Indore	0.00%	100.00%	0.00%	0.00%	781	738	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	760	772
	Koradi	0.00%	100.00%	0.00%	0.00%	762	738	752
	Pune	0.00%	96.94%	0.00%	0.00%	800	751	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	778	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	765	777
	Sasan	0.00%	100.00%	0.00%	0.00%	773	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	779	755	767
	Seoni	0.00%	100.00%	0.00%	0.00%	784	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	758	763
	Sholapur	0.00%	69.79%	26.04%	26.04%	815	769	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	779	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	752	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	759	768	
Wardha	0.00%	100.00%	0.00%	0.00%	799	760	781	
SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	775	785
	Raichur	0.00%	71.94%	28.06%	28.06%	811	770	793
	Kurnool	0.00%	61.39%	38.61%	38.61%	813	780	798
	Thiruvalam	0.00%	75.42%	24.58%	24.58%	814	784	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	773	762	770
	Gaya	0.00%	100.00%	0.00%	0.00%	772	740	754
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	775	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	775	783
Sasaram	0.00%	100.00%	0.00%	0.00%	774	745	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	407
	Balipara (400 kV)	0.00%	95.63%	4.38%	4.38%	422	392	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	405
	Misa (400 kV)	0.00%	83.75%	16.25%	16.25%	423	396	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410

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