

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

**Date of Reporting: 1-Jun-16
System Reliability Indices Report for: 31-May-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	55	13.75	57.29
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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
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 31-May-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%	785	753	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	756	764
	Ballia	0.00%	100.00%	0.00%	0.00%	785	747	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	760	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	741	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	788	754	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	749	766
	Meerut	0.00%	99.72%	0.21%	0.21%	801	761	781
	Moga	0.00%	100.00%	0.00%	0.00%	788	761	776
Phagi	0.00%	100.00%	0.00%	0.00%	779	750	763	
Unnao	0.00%	100.00%	0.00%	0.00%	773	734	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	742	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	744	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	773	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	780	759	768
	Champa	0.00%	80.28%	14.10%	14.10%	806	775	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	766	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	761	761	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	759	772
	Indore	0.00%	100.00%	0.00%	0.00%	775	738	759
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	762	771
	Koradi	0.00%	100.00%	0.00%	0.00%	775	735	761
	Pune	0.00%	100.00%	0.00%	0.00%	797	748	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	778	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	770	780
	Sasan	0.00%	100.00%	0.00%	0.00%	766	758	763
	Satna	0.00%	100.00%	0.00%	0.00%	773	757	764
	Seoni	0.00%	100.00%	0.00%	0.00%	785	755	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	758	765
	Sholapur	0.00%	65.63%	29.72%	29.72%	807	762	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	781	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	785	749	769	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	764	764	
Wardha	0.00%	99.79%	0.21%	0.21%	802	753	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	770	781
	Raichur	0.00%	68.47%	31.53%	31.53%	807	763	793
	Kurnool	0.00%	56.18%	43.82%	43.82%	809	776	797
	Thiruvalam	0.00%	80.69%	19.31%	19.31%	806	777	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	762	767
	Gaya	0.00%	100.00%	0.00%	0.00%	782	745	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	774	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	775	783
Sasaram	0.00%	100.00%	0.00%	0.00%	785	741	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	423	391	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409	

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