

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

**Date of Reporting: 25-May-16
System Reliability Indices Report for: 24-May-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	45	11.25	46.88
4	NEW-SR	5	1.25	5.21
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	24	6.00	25.00
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 24-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%	795	747	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	788	755	771
	Ballia	0.00%	100.00%	0.00%	0.00%	795	744	770
	Bhiwani	0.00%	90.00%	10.00%	10.00%	804	759	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	735	753
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	735	757
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	750	771
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	743	770
	Meerut	0.00%	100.00%	0.00%	0.00%	798	754	778
	Moga	0.00%	100.00%	0.00%	0.00%	797	758	774
Phagi	0.00%	100.00%	0.00%	0.00%	762	762	762	
Unnao	0.00%	100.00%	0.00%	0.00%	783	729	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	743	763
	Aurangabad	0.00%	99.58%	0.42%	0.42%	802	753	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	743	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	752	760
	Bina	0.00%	100.00%	0.00%	0.00%	786	749	768
	Champa	0.00%	100.00%	0.00%	0.00%	794	778	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	751	761
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	756	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	748	772
	Indore	0.00%	100.00%	0.00%	0.00%	781	741	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	780	747	764
	Koradi	0.00%	100.00%	0.00%	0.00%	766	736	752
	Pune	0.00%	100.00%	0.00%	0.00%	794	753	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	777	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	778	768	777
	Sasan	0.00%	100.00%	0.00%	0.00%	787	755	773
	Satna	0.00%	100.00%	0.00%	0.00%	795	756	777
	Seoni	0.00%	100.00%	0.00%	0.00%	786	761	774
	Sipat	0.00%	100.00%	0.00%	0.00%	767	753	760
	Sholapur	0.00%	85.58%	11.70%	11.70%	812	762	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	779	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	753	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	761	775	
Wardha	0.00%	99.44%	0.56%	0.56%	801	761	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	773	784
	Raichur	0.00%	92.15%	7.85%	7.85%	806	768	789
	Kurnool	0.00%	80.83%	19.17%	19.17%	808	778	792
	Thiruvalam	0.00%	77.78%	22.22%	22.22%	808	779	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	769	755	762
	Gaya	0.00%	100.00%	0.00%	0.00%	792	745	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	781	764	773
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	765	775
Sasaram	9.03%	90.97%	0.00%	9.03%	795	720	747	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407
	Balipara (400 kV)	0.00%	90.76%	9.24%	9.24%	426	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	406
	Misa (400 kV)	0.00%	87.92%	12.08%	12.08%	427	398	411
	Silchar (400 kV)	0.00%	99.44%	0.56%	0.56%	421	402	411

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