

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

**Date of Reporting: 19-May-16
System Reliability Indices Report for: 18-May-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	10	2.50	10.42
2	ER-NR	0	0.00	0.00
3	Import of NR	59	14.75	61.46
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	0.03
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	0.23
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-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	750	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	756	762
	Ballia	0.00%	100.00%	0.00%	0.00%	792	740	767
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	751	768
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	733	754
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	732	755
	Jhatikara	0.00%	100.00%	0.00%	0.00%	787	746	764
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	740	763
	Meerut	0.00%	100.00%	0.00%	0.00%	795	750	769
	Moga	0.00%	100.00%	0.00%	0.00%	772	744	759
Phagi	0.00%	100.00%	0.00%	0.00%	785	750	767	
Unnao	0.00%	100.00%	0.00%	0.00%	764	733	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	775	754	765
	Aurangabad	0.00%	95.42%	4.58%	4.58%	804	768	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	753	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	759	767
	Bina	0.00%	100.00%	0.00%	0.00%	790	758	775
	Champa	0.00%	0.00%	100.00%	100.00%	804	804	804
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	769	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	768	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	751	777
	Indore	0.00%	100.00%	0.00%	0.00%	786	753	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	756	776
	Koradi	0.00%	100.00%	0.00%	0.00%	771	751	761
	Pune	0.00%	99.86%	0.00%	0.00%	800	754	775
	Raigarh PS (Kotra)	0.00%	60.21%	39.79%	39.79%	807	791	799
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	782	792
	Sasan	0.00%	100.00%	0.00%	0.00%	775	743	767
	Satna	0.00%	100.00%	0.00%	0.00%	786	757	772
	Seoni	0.00%	100.00%	0.00%	0.00%	796	770	781
	Sipat	0.00%	100.00%	0.00%	0.00%	773	759	766
	Sholapur	0.00%	66.53%	31.11%	31.11%	816	775	796
Tamnar PS	0.00%	52.99%	47.01%	47.01%	807	793	800	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	763	770	
Wardha	0.00%	90.49%	9.51%	9.51%	810	777	792	
SR	Nellore PS	0.00%	70.07%	29.93%	29.93%	811	787	797
	Raichur	0.00%	68.82%	31.18%	31.18%	815	783	797
	Kurnool	0.00%	57.78%	42.22%	42.22%	816	786	800
	Thiruvalam	0.00%	28.75%	71.25%	71.25%	823	791	807
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	761	772
	Gaya	0.00%	100.00%	0.00%	0.00%	790	741	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	773	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	772	786
Sasaram	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	409
	Misa (400 kV)	0.00%	97.29%	2.71%	2.71%	423	404	415
	Silchar (400 kV)	0.00%	97.71%	2.29%	2.29%	421	406	415

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