

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

Date of Reporting: **20-May-16**  
System Reliability Indices Report for: **19-May-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	Import of NR	79	19.75	82.29
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	24	6.00	0.25
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 19-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%	794	748	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	758	763
	Ballia	0.00%	100.00%	0.00%	0.00%	788	754	769
	Bhiwani	0.00%	99.03%	0.97%	0.97%	801	762	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	741	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	744	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	755	774
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	746	765
	Meerut	0.00%	99.17%	0.56%	0.56%	803	755	777
	Moga	0.00%	100.00%	0.00%	0.00%	788	757	772
Phagi	0.00%	100.00%	0.00%	0.00%	790	736	768	
Unnao	0.00%	100.00%	0.00%	0.00%	772	733	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	777	748	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	744	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	742	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	750	759
	Bina	0.00%	100.00%	0.00%	0.00%	788	751	771
	Champa	0.00%	0.00%	100.00%	100.00%	804	804	804
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	758	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	757	776
	Indore	0.00%	100.00%	0.00%	0.00%	787	743	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	750	769
	Koradi	0.00%	100.00%	0.00%	0.00%	771	747	761
	Pune	0.00%	100.00%	0.00%	0.00%	797	749	777
	Raigarh PS (Kotra)	0.00%	85.14%	14.86%	14.86%	803	778	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	773	786
	Sasan	0.00%	100.00%	0.00%	0.00%	772	756	765
	Satna	0.00%	100.00%	0.00%	0.00%	778	755	769
	Seoni	0.00%	100.00%	0.00%	0.00%	790	749	772
	Sipat	0.00%	100.00%	0.00%	0.00%	769	749	760
	Sholapur	0.00%	65.00%	27.78%	27.78%	811	761	790
Tamnara PS	0.00%	80.14%	19.86%	19.86%	804	780	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	748	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	763	768	
Wardha	0.00%	100.00%	0.00%	0.00%	798	754	779	
SR	Nellore PS	0.00%	69.38%	30.63%	30.63%	809	767	792
	Raichur	0.00%	77.08%	22.92%	22.92%	810	760	790
	Kurnool	0.00%	64.93%	35.07%	35.07%	814	763	795
	Thiruvalam	0.00%	50.76%	49.24%	49.24%	821	768	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	754	764
	Gaya	0.00%	100.00%	0.00%	0.00%	782	750	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	764	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	768	782
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%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	387	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	405
	Misa (400 kV)	0.00%	97.99%	2.01%	2.01%	421	393	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412

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