

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

**Date of Reporting: 20-Jan-17
System Reliability Indices Report for: 19-Jan-17**

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	14	3.50	14.58
4	NEW-SR	2	0.50	2.08
5	NER Import	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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	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-Jan-2017

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%	787	750	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	752	762
	Ballia	0.00%	100.00%	0.00%	0.00%	790	755	772
	Bhiwani	0.00%	93.06%	6.94%	6.94%	807	776	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	741	756
	Jhatikara	0.00%	97.22%	2.78%	2.78%	803	761	782
	Lucknow	0.00%	95.35%	4.65%	4.65%	803	765	782
	Meerut	0.00%	98.13%	0.97%	0.97%	806	766	784
	Moga	0.00%	100.00%	0.00%	0.00%	798	768	783
Phagi	0.00%	100.00%	0.00%	0.00%	793	759	777	
Unnao	0.00%	100.00%	0.00%	0.00%	772	730	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	755	777
	Aurangabad	0.00%	99.44%	0.56%	0.56%	803	739	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	758	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	752	763
	Bina	0.00%	100.00%	0.00%	0.00%	797	759	775
	Champa	0.00%	91.88%	4.31%	4.31%	802	778	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	764	779
	Dhule (BDTCL)	0.00%	99.44%	0.56%	0.56%	801	741	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	775
	Indore	0.00%	100.00%	0.00%	0.00%	795	759	774
	Jabalpur	0.00%	98.47%	1.53%	1.53%	806	762	782
	Koradi	0.00%	100.00%	0.00%	0.00%	783	757	769
	Pune	0.00%	100.00%	0.00%	0.00%	794	741	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	776	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	784	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	791	759	771
	Seoni	0.00%	100.00%	0.00%	0.00%	797	750	773
	Sipat	0.00%	100.00%	0.00%	0.00%	774	751	762
	Sholapur	0.00%	95.07%	4.93%	4.93%	807	751	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	777	786	
Tirora	0.00%	100.00%	0.00%	0.00%	775	757	766	
Vadodara	0.00%	99.86%	0.14%	0.14%	801	761	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	96.53%	3.47%	3.47%	807	751	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	766	782
	Raichur	0.00%	98.96%	1.04%	1.04%	803	760	783
	Kurnool	0.00%	91.53%	8.47%	8.47%	804	766	790
	Thiruvalam	0.00%	63.13%	36.88%	36.88%	812	778	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	775	785
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	769
	Jharsuguda	0.00%	92.43%	7.57%	7.57%	805	776	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	768	783
Sasaram	0.00%	100.00%	0.00%	0.00%	778	747	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	399	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409
	Misa (400 kV)	0.00%	80.35%	19.65%	19.65%	425	405	414
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	420	407	415

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