

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

**Date of Reporting: 4-Jan-17
System Reliability Indices Report for: 3-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	11.46
4	NEW-SR	3	0.75	3.13
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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
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 03-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%	788	747	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	752	761
	Ballia	0.00%	100.00%	0.00%	0.00%	787	750	770
	Bhiwani	0.00%	79.38%	20.63%	20.63%	809	763	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	735	757
	Jhatikara	0.00%	87.15%	12.85%	12.85%	806	757	784
	Lucknow	0.00%	99.65%	0.35%	0.35%	800	758	780
	Meerut	0.00%	83.89%	11.53%	11.53%	807	762	785
	Moga	0.00%	100.00%	0.00%	0.00%	793	765	783
Phagi	0.00%	99.51%	0.49%	0.49%	800	754	776	
Unnao	0.00%	100.00%	0.00%	0.00%	774	730	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	755	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	758	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	753	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	753	762
	Bina	0.00%	100.00%	0.00%	0.00%	788	755	775
	Champa	0.00%	100.00%	0.00%	0.00%	798	782	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	772	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	758	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	753	775
	Indore	0.00%	100.00%	0.00%	0.00%	785	750	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	771	779
	Koradi	0.00%	100.00%	0.00%	0.00%	775	753	764
	Pune	0.00%	100.00%	0.00%	0.00%	792	752	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	780	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	778	783
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	785	756	772
	Seoni	0.00%	100.00%	0.00%	0.00%	784	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	766	753	760
	Sholapur	0.00%	99.79%	0.21%	0.21%	801	767	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	780	788	
Tirora	0.00%	100.00%	0.00%	0.00%	769	753	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	760	768	
Wardha	0.00%	100.00%	0.00%	0.00%	797	766	781	
SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	802	773	787
	Raichur	0.00%	99.86%	0.14%	0.14%	800	767	784
	Kurmoor	0.00%	95.97%	4.03%	4.03%	805	773	789
	Thiruvalam	0.00%	66.67%	33.33%	33.33%	810	784	796
ER	Angul	0.00%	99.58%	0.42%	0.42%	800	786	793
	Gaya	0.00%	100.00%	0.00%	0.00%	784	751	769
	Jharsuguda	0.00%	95.90%	4.10%	4.10%	803	784	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	781
Sasaram	0.00%	100.00%	0.00%	0.00%	779	730	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	408
	Misa (400 kV)	0.00%	70.97%	29.03%	29.03%	425	396	414
	Silchar (400 kV)	0.00%	67.15%	32.85%	32.85%	429	400	416

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