

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

**Date of Reporting: 7-Jan-17
System Reliability Indices Report for: 6-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	5	1.25	5.21
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	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 06-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%	796	754	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	759	766
	Ballia	0.00%	100.00%	0.00%	0.00%	793	759	775
	Bhiwani	0.00%	94.38%	5.63%	5.63%	805	767	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	743	762
	Jhatikara	0.00%	80.63%	19.38%	19.38%	810	763	788
	Lucknow	0.00%	84.38%	15.63%	15.63%	806	769	787
	Meerut	0.00%	67.57%	29.10%	29.10%	813	769	793
	Moga	0.00%	96.46%	3.54%	3.54%	805	771	785
Phagi	0.00%	100.00%	0.00%	0.00%	797	754	775	
Unnao	0.00%	100.00%	0.00%	0.00%	783	741	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	753	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	758	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	743	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	753	764
	Bina	0.00%	100.00%	0.00%	0.00%	791	755	777
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	766	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	756	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	792	746	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	761	783
	Koradi	0.00%	100.00%	0.00%	0.00%	784	752	768
	Pune	0.00%	99.17%	0.00%	0.00%	800	748	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	776	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	768	781
	Sasan	0.00%	100.00%	0.00%	0.00%	774	754	767
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	773
	Seoni	0.00%	100.00%	0.00%	0.00%	789	753	769
	Sipat	0.00%	100.00%	0.00%	0.00%	770	753	762
	Sholapur	0.00%	98.33%	1.67%	1.67%	806	762	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	775	753	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	759	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	758	769	
Wardha	0.00%	100.00%	0.00%	0.00%	792	762	777	
SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	773	787
	Raichur	0.00%	99.72%	0.28%	0.28%	801	763	780
	Kurnool	0.00%	99.79%	0.21%	0.21%	800	768	783
	Thiruvalam	0.00%	74.03%	25.97%	25.97%	810	775	793
ER	Angul	0.00%	99.44%	0.56%	0.56%	802	783	793
	Gaya	0.00%	100.00%	0.00%	0.00%	790	758	773
	Jharsuguda	0.00%	93.13%	6.88%	6.88%	803	780	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	771	783
Sasaram	0.00%	100.00%	0.00%	0.00%	778	733	748	
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	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	406
	Misa (400 kV)	0.00%	73.68%	26.32%	26.32%	424	399	413
	Silchar (400 kV)	0.00%	67.43%	32.57%	32.57%	430	402	417

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