

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

Date of Reporting: **10-Jan-17**
System Reliability Indices Report for: **9-Jan-17**

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	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
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	2	0.50	2.08
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 09-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%	792	749	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	754	762
	Ballia	0.00%	100.00%	0.00%	0.00%	790	759	775
	Bhiwani	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	740	762
	Jhatikara	0.00%	81.04%	18.96%	18.96%	809	766	789
	Lucknow	0.00%	98.26%	1.74%	1.74%	802	768	786
	Meerut	0.00%	87.08%	8.96%	8.96%	808	760	789
	Moga	0.00%	99.58%	0.42%	0.42%	803	771	788
Phagi	0.00%	100.00%	0.00%	0.00%	798	756	779	
Unnao	0.00%	100.00%	0.00%	0.00%	776	735	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	759	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	753	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	743	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	748	764
	Bina	0.00%	100.00%	0.00%	0.00%	797	747	780
	Champa	0.00%	95.42%	0.69%	0.69%	801	773	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	760	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	751	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	749	779
	Indore	0.00%	100.00%	0.00%	0.00%	795	748	778
	Jabalpur	0.00%	99.58%	0.42%	0.42%	802	750	783
	Koradi	0.00%	100.00%	0.00%	0.00%	781	757	769
	Pune	0.00%	100.00%	0.00%	0.00%	798	742	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	772	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	768	781
	Sasan	0.00%	100.00%	0.00%	0.00%	780	750	769
	Satna	0.00%	100.00%	0.00%	0.00%	791	746	774
	Seoni	0.00%	100.00%	0.00%	0.00%	794	750	777
	Sipat	0.00%	100.00%	0.00%	0.00%	771	748	762
	Sholapur	0.00%	91.60%	8.40%	8.40%	806	757	783
Tamnar PS	0.00%	100.00%	0.00%	0.00%	797	773	787	
Tirora	0.00%	100.00%	0.00%	0.00%	774	758	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	756	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	753	771	
Wardha	0.00%	99.86%	0.14%	0.14%	802	758	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	772	783
	Raichur	0.00%	96.46%	3.54%	3.54%	805	764	782
	Kurnool	0.00%	93.75%	6.25%	6.25%	805	770	785
	Thiruvalam	0.00%	72.50%	27.50%	27.50%	816	783	795
ER	Angul	0.00%	99.93%	0.07%	0.07%	800	780	792
	Gaya	0.00%	100.00%	0.00%	0.00%	787	759	773
	Jharsuguda	0.00%	93.75%	6.25%	6.25%	804	774	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	784
Sasaram	0.00%	100.00%	0.00%	0.00%	784	732	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	411
	Balipara (400 kV)	0.00%	99.31%	0.69%	0.69%	427	392	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	Misa (400 kV)	0.00%	65.69%	34.31%	34.31%	430	400	416
	Silchar (400 kV)	0.00%	67.43%	32.57%	32.57%	428	402	417

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