

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

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

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 19-Feb-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%	799	762	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	769	772
	Ballia	0.00%	100.00%	0.00%	0.00%	794	770	782
	Bhiwani	0.00%	79.51%	20.49%	20.49%	810	779	794
	Bareilly	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	755	767
	Jhatikara	0.00%	88.54%	11.46%	11.46%	806	775	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	773	784
	Meerut	0.00%	94.93%	2.57%	2.57%	804	768	788
	Moga	0.00%	94.58%	5.42%	5.42%	804	768	789
Phagi	0.00%	99.31%	0.69%	0.69%	803	769	783	
Unnao	0.00%	100.00%	0.00%	0.00%	777	757	767	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	754	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	749	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	751	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	752	763
	Bina	0.00%	100.00%	0.00%	0.00%	795	756	774
	Champa	0.00%	100.00%	0.00%	0.00%	796	776	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	763	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	751	772
	Gwalior	0.00%	99.79%	0.21%	0.21%	801	761	777
	Indore	0.00%	100.00%	0.00%	0.00%	789	752	769
	Jabalpur	0.00%	99.79%	0.21%	0.21%	801	758	780
	Koradi	0.00%	100.00%	0.00%	0.00%	779	753	768
	Pune	0.00%	100.00%	0.00%	0.00%	796	742	765
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	775	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	773	779
	Sasan	0.00%	100.00%	0.00%	0.00%	777	755	764
	Satna	0.00%	100.00%	0.00%	0.00%	790	756	769
	Seoni	0.00%	100.00%	0.00%	0.00%	787	754	773
	Sipat	0.00%	100.00%	0.00%	0.00%	769	752	761
	Sholapur	0.00%	97.99%	2.01%	2.01%	808	763	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	775	785	
Tirora	0.00%	100.00%	0.00%	0.00%	771	753	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	760	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	758	766	
Wardha	0.00%	100.00%	0.00%	0.00%	797	761	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	770	779
	Raichur	0.00%	99.65%	0.35%	0.35%	801	770	781
	Kurnool	0.00%	99.79%	0.21%	0.21%	801	774	783
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	796	796	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	777	787
	Gaya	0.00%	100.00%	0.00%	0.00%	790	767	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	772	785
Sasaram	0.00%	100.00%	0.00%	0.00%	784	761	771	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	406	409
	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	424	394	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	Misa (400 kV)	0.00%	93.47%	6.53%	6.53%	430	403	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	411

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