

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

**Date of Reporting:**  
**System Reliability Indices Report for:**

**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	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	13.54
4	NEW-SR	5	1.25	5.21
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	4	1.00	4.17
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 13-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%	791	744	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	757	766
	Ballia	0.00%	100.00%	0.00%	0.00%	788	752	768
	Bhiwani	0.00%	80.56%	19.44%	19.44%	805	762	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	734	755
	Jhatikara	0.00%	85.69%	14.31%	14.31%	805	755	781
	Lucknow	0.00%	96.25%	3.75%	3.75%	803	762	780
	Meerut	0.00%	95.14%	1.18%	1.18%	801	762	784
	Moga	0.00%	100.00%	0.00%	0.00%	799	766	783
Phagi	0.00%	100.00%	0.00%	0.00%	797	751	774	
Unnao	0.00%	100.00%	0.00%	0.00%	780	741	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	748	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	743	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	748	760
	Bina	0.00%	100.00%	0.00%	0.00%	799	748	774
	Champa	0.00%	100.00%	0.00%	0.00%	798	775	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	760	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	755	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	749	774
	Indore	0.00%	100.00%	0.00%	0.00%	793	746	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	752	775
	Koradi	0.00%	100.00%	0.00%	0.00%	777	767	774
	Pune	0.00%	100.00%	0.00%	0.00%	799	751	770
	Raigarh PS (Kotra)	0.00%	85.56%	14.44%	14.44%	803	778	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	772	781
	Sasan	0.00%	100.00%	0.00%	0.00%	784	757	769
	Satna	0.00%	100.00%	0.00%	0.00%	796	752	771
	Seoni	0.00%	100.00%	0.00%	0.00%	791	748	771
	Sipat	0.00%	100.00%	0.00%	0.00%	771	748	759
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	758	785
Tamnar PS	0.00%	97.29%	2.71%	2.71%	801	778	790	
Tirora	0.00%	100.00%	0.00%	0.00%	772	755	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	755	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	761	772	
Wardha	0.00%	99.86%	0.14%	0.14%	801	756	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	768	781
	Raichur	0.00%	100.00%	0.00%	0.00%	800	759	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	764	783
	Thiruvalam	0.00%	81.32%	18.68%	18.68%	806	776	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	775	783
	Gaya	0.00%	100.00%	0.00%	0.00%	787	747	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	765	779
Sasaram	0.00%	100.00%	0.00%	0.00%	782	745	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	410
	Balipara (400 kV)	0.00%	99.24%	0.76%	0.76%	422	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	407
	Misa (400 kV)	0.00%	81.88%	18.13%	18.13%	426	401	413
	Silchar (400 kV)	0.00%	99.93%	0.07%	0.07%	420	402	412

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