

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

Date of Reporting: 28-Jan-17
System Reliability Indices Report for: 27-Jan-17

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
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 27-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%	793	756	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	762	778
	Ballia	0.00%	100.00%	0.00%	0.00%	794	756	778
	Bhiwani	0.00%	74.17%	25.83%	25.83%	808	772	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	745	760
	Jhatikara	0.00%	94.31%	5.69%	5.69%	806	765	785
	Lucknow	0.00%	97.57%	2.43%	2.43%	805	755	784
	Meerut	0.00%	83.61%	13.89%	13.89%	808	763	787
	Moga	0.00%	99.93%	0.07%	0.07%	801	765	784
Phagi	0.00%	95.42%	4.58%	4.58%	802	762	782	
Unnao	0.00%	100.00%	0.00%	0.00%	783	734	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	758	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	749	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	755	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	793	759	774
	Champa	0.00%	99.31%	0.00%	0.00%	800	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	767	779
	Dhule (BDTCL)	0.00%	96.25%	3.75%	3.75%	802	755	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	761	777
	Indore	0.00%	100.00%	0.00%	0.00%	794	756	774
	Jabalpur	0.00%	99.51%	0.49%	0.49%	801	768	782
	Koradi	0.00%	100.00%	0.00%	0.00%	785	757	770
	Pune	0.00%	100.00%	0.00%	0.00%	798	745	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	776	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	780
	Sasan	0.00%	100.00%	0.00%	0.00%	778	755	767
	Satna	0.00%	100.00%	0.00%	0.00%	787	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	793	756	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	755	764
	Sholapur	0.00%	97.36%	2.64%	2.64%	804	760	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	777	785	
Tirora	0.00%	100.00%	0.00%	0.00%	774	756	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	764	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	99.44%	0.56%	0.56%	803	760	780	
SR	Nellore PS	0.00%	96.46%	3.54%	3.54%	806	761	781
	Raichur	0.00%	99.03%	0.97%	0.97%	805	758	781
	Kurnool	0.00%	93.26%	6.74%	6.74%	810	759	783
	Thiruvalam	0.00%	62.24%	37.76%	37.76%	821	769	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	768	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	757	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	776	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	775	786
Sasaram	0.00%	100.00%	0.00%	0.00%	787	730	749	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	411
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
	Misa (400 kV)	0.00%	75.21%	24.79%	24.79%	424	402	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	405	414

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