

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

Date of Reporting: 29-Jan-17
System Reliability Indices Report for: 28-Jan-17

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	24	6.00	25.00
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	1	0.25	1.04
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	1	0.25	1.04
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 28-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%	790	756	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	768	775
	Ballia	0.00%	100.00%	0.00%	0.00%	792	764	781
	Bhiwani	0.00%	68.75%	31.25%	31.25%	808	777	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	741	765
	Jhatikara	0.00%	88.54%	11.46%	11.46%	809	770	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	765	785
	Meerut	0.00%	84.77%	12.25%	12.25%	808	767	790
	Moga	0.00%	97.08%	2.92%	2.92%	804	770	791
Phagi	0.00%	97.92%	2.08%	2.08%	800	768	785	
Unnao	0.00%	100.00%	0.00%	0.00%	779	747	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	761	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	758	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	752	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	757	767
	Bina	0.00%	100.00%	0.00%	0.00%	793	761	780
	Champa	0.00%	97.15%	1.46%	1.46%	801	783	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	773	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	762	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	760	782
	Indore	0.00%	100.00%	0.00%	0.00%	788	754	775
	Jabalpur	0.00%	99.31%	0.69%	0.69%	801	772	789
	Koradi	0.00%	100.00%	0.00%	0.00%	779	757	767
	Pune	0.00%	100.00%	0.00%	0.00%	795	747	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	778	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	779	785
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	766
	Satna	0.00%	100.00%	0.00%	0.00%	786	757	772
	Seoni	0.00%	100.00%	0.00%	0.00%	788	761	777
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	765
	Sholapur	0.00%	98.40%	1.60%	1.60%	807	768	787
Tamnar PS	0.00%	100.00%	0.00%	0.00%	797	779	788	
Tirora	0.00%	100.00%	0.00%	0.00%	771	756	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	766	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	799	767	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	771	783
	Raichur	0.00%	100.00%	0.00%	0.00%	800	771	787
	Kurnool	0.00%	93.47%	6.53%	6.53%	804	774	788
	Thiruvalam	0.00%	61.81%	38.19%	38.19%	817	788	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	770	780
	Gaya	0.00%	100.00%	0.00%	0.00%	790	764	780
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	800	781	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	778	789
Sasaram	1.18%	98.82%	0.00%	1.18%	782	725	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	390	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	409
	Misa (400 kV)	0.00%	80.76%	19.24%	19.24%	423	398	414
	Silchar (400 kV)	0.00%	99.79%	0.21%	0.21%	420	406	414

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