

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

Date of Reporting: 26-Jan-17
System Reliability Indices Report for: 25-Jan-17

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	2	0.50	2.08
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	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 25-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	755	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	758	769
	Ballia	0.00%	100.00%	0.00%	0.00%	793	751	772
	Bhiwani	0.00%	72.78%	27.22%	27.22%	810	776	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	739	759
	Jhatikara	0.00%	75.28%	24.72%	24.72%	810	769	790
	Lucknow	0.00%	81.60%	18.40%	18.40%	807	762	782
	Meerut	0.00%	80.45%	14.25%	14.25%	810	758	789
	Moga	0.00%	95.42%	4.58%	4.58%	803	773	790
Phagi	0.00%	100.00%	0.00%	0.00%	798	764	781	
Unnao	0.00%	100.00%	0.00%	0.00%	780	738	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	759	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	759	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	754	762
	Bina	0.00%	100.00%	0.00%	0.00%	789	766	777
	Champa	0.00%	100.00%	0.00%	0.00%	795	777	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	755	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	766	781
	Indore	0.00%	100.00%	0.00%	0.00%	790	760	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	770	780
	Koradi	0.00%	100.00%	0.00%	0.00%	779	757	768
	Pune	0.00%	100.00%	0.00%	0.00%	791	745	768
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	775	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	776
	Sasan	0.00%	100.00%	0.00%	0.00%	775	761	768
	Satna	0.00%	100.00%	0.00%	0.00%	784	764	775
	Seoni	0.00%	100.00%	0.00%	0.00%	789	757	775
	Sipat	0.00%	100.00%	0.00%	0.00%	766	753	760
	Sholapur	0.00%	99.44%	0.56%	0.56%	801	765	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	776	783	
Tirora	0.00%	100.00%	0.00%	0.00%	772	758	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	760	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	797	763	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	768	778
	Raichur	0.00%	100.00%	0.00%	0.00%	797	764	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	770	784
	Thiruvalam	0.00%	79.72%	20.28%	20.28%	809	781	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	776	782
	Gaya	0.00%	100.00%	0.00%	0.00%	790	749	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	777	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	780
Sasaram	0.35%	99.65%	0.00%	0.35%	782	727	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	411	411
	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	421	391	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	406
	Misa (400 kV)	0.00%	95.56%	4.44%	4.44%	426	398	411
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	412	

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