

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

**System Reliability Indices Report for the week from
23-Jan-2017 to 29-Jan-2017**

Date: 19-Jan-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	72	18.00	10.71
2	ER-NR	0	0.00	0.00
3	Import of NR	41	10.25	6.10
4	NEW-SR	18	4.50	2.68
5	ER-NER	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	6	1.50	0.89
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	ER-NER	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 week from 23-Jan-2017 to 29-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	747	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	758	771
	Ballia	0.00%	100.00%	0.00%	0.00%	794	751	777
	Bhiwani	0.00%	75.58%	24.42%	24.42%	815	771	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	738	762
	Jhatikara	0.00%	82.18%	17.82%	17.82%	812	761	789
	Lucknow	0.00%	95.33%	4.67%	4.67%	807	755	785
	Meerut	0.00%	77.46%	17.91%	17.91%	810	758	790
	Moga	0.00%	93.86%	6.14%	6.14%	807	760	788
Phagi	0.00%	95.87%	4.13%	4.13%	803	756	783	
Unnao	0.00%	100.00%	0.00%	0.00%	783	734	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	756	776
	Aurangabad	0.00%	99.93%	0.07%	0.07%	801	741	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	749	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	752	764
	Bina	0.00%	100.00%	0.00%	0.00%	795	756	778
	Champa	0.00%	98.89%	0.71%	0.71%	802	777	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	766	778
	Dhule (BDTCL)	0.00%	99.46%	0.54%	0.54%	802	737	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	753	781
	Indore	0.00%	100.00%	0.00%	0.00%	797	752	775
	Jabalpur	0.00%	99.58%	0.42%	0.42%	803	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	785	753	769
	Pune	0.01%	99.40%	0.00%	0.01%	800	722	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	774	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	780
	Sasan	0.00%	100.00%	0.00%	0.00%	782	755	768
	Satna	0.00%	100.00%	0.00%	0.00%	792	754	774
	Seoni	0.00%	100.00%	0.00%	0.00%	796	749	776
	Sipat	0.00%	100.00%	0.00%	0.00%	774	752	763
	Sholapur	0.00%	95.77%	4.23%	4.23%	811	745	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	774	786	
Tirora	0.00%	100.00%	0.00%	0.00%	776	754	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	754	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	99.35%	0.65%	0.65%	804	751	783	
SR	Nellore PS	0.00%	98.93%	1.07%	1.07%	806	761	784
	Raichur	0.00%	98.93%	1.07%	1.07%	805	758	785
	Kurnool	0.00%	94.89%	5.11%	5.11%	810	759	788
	Thiruvalam	0.00%	48.86%	51.14%	51.14%	821	769	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	768	781
	Gaya	0.00%	100.00%	0.00%	0.00%	790	749	775
	Jharsuguda	0.00%	99.21%	0.79%	0.79%	801	776	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	768	784
Sasaram	0.23%	99.77%	0.00%	0.23%	787	725	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.81%	0.19%	0.19%	423	388	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	408
	Misa (400 kV)	0.00%	88.26%	11.74%	11.74%	427	396	413
	Silchar (400 kV)	0.00%	99.97%	0.03%	0.03%	420	401	414

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