

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

**System Reliability Indices Report for the week from
16-Jan-2017 to 22-Jan-2017**

Date: 27-Jan-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	221	55.25	32.89
2	ER-NR	0	0.00	0.00
3	Import of NR	146	36.50	21.73
4	NEW-SR	23	5.75	3.42
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	38	9.50	5.65
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	1.49
4	NEW-SR	2	0.50	0.30
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 16-Jan-2017 to 22-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%	798	745	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	752	763
	Ballia	0.00%	100.00%	0.00%	0.00%	793	746	771
	Bhiwani	0.00%	84.89%	15.11%	15.11%	809	762	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	733	758
	Jhatikara	0.00%	89.49%	10.51%	10.51%	811	758	783
	Lucknow	0.00%	95.30%	4.70%	4.70%	805	760	782
	Meerut	0.00%	90.83%	7.06%	7.06%	811	755	786
	Moga	0.00%	96.04%	3.96%	3.96%	805	763	784
Phagi	0.00%	99.79%	0.21%	0.21%	801	751	777	
Unnao	0.09%	99.91%	0.00%	0.09%	781	726	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	750	776
	Aurangabad	0.00%	99.91%	0.09%	0.09%	803	739	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	746	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	749	763
	Bina	0.00%	100.00%	0.00%	0.00%	797	750	775
	Champa	0.00%	97.86%	1.15%	1.15%	804	775	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	762	777
	Dhule (BDTCL)	0.00%	99.92%	0.08%	0.08%	801	737	774
	Gwalior	0.00%	99.99%	0.01%	0.01%	800	752	776
	Indore	0.00%	100.00%	0.00%	0.00%	795	750	771
	Jabalpur	0.00%	99.18%	0.82%	0.82%	806	754	780
	Koradi	0.00%	100.00%	0.00%	0.00%	788	749	768
	Pune	0.01%	99.32%	0.00%	0.01%	800	722	771
	Raigarh PS (Kotra)	0.00%	97.23%	2.77%	2.77%	804	775	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	766	780
	Sasan	0.00%	100.00%	0.00%	0.00%	784	754	768
	Satna	0.00%	100.00%	0.00%	0.00%	791	748	772
	Seoni	0.00%	100.00%	0.00%	0.00%	797	748	773
	Sipat	0.00%	100.00%	0.00%	0.00%	774	750	761
	Sholapur	0.00%	93.73%	6.27%	6.27%	811	751	786
Tamnar PS	0.00%	98.22%	1.78%	1.78%	802	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	778	752	766	
Vadodara	0.00%	99.98%	0.02%	0.02%	801	756	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	761	767	
Wardha	0.00%	98.38%	1.62%	1.62%	807	751	781	
SR	Nellore PS	0.00%	99.50%	0.50%	0.50%	803	764	783
	Raichur	0.00%	97.28%	2.72%	2.72%	805	758	784
	Kurnool	0.00%	91.74%	8.26%	8.26%	806	765	787
	Thiruvalam	0.00%	56.52%	43.48%	43.48%	820	777	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	769	783
	Gaya	0.00%	100.00%	0.00%	0.00%	790	751	770
	Jharsuguda	0.00%	98.02%	1.98%	1.98%	805	774	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	765	782
Sasaram	0.05%	99.95%	0.00%	0.05%	784	727	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	410
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	423	392	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	408
	Misa (400 kV)	0.00%	91.47%	8.53%	8.53%	427	399	413
	Silchar (400 kV)	0.00%	99.11%	0.89%	0.89%	423	403	415

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