

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

**System Reliability Indices Report for the week from
17-Oct-2016 to 23-Oct-2016**

Date: 28-Oct-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	1.19
4	NEW-SR	88	22.00	13.10
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	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	ER-NER	48	12.00	7.14

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 17-Oct-2016 to 23-Oct-2016

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	752	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	755	767
	Ballia	0.00%	100.00%	0.00%	0.00%	790	758	775
	Bhiwani	0.00%	93.65%	6.35%	6.35%	806	767	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	740	764
	Jhatikara	0.00%	96.62%	3.38%	3.38%	807	764	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	754	776
	Meerut	0.00%	92.63%	5.67%	5.67%	809	754	787
	Moga	0.00%	99.97%	0.03%	0.03%	800	764	782
	Phagi	0.00%	100.00%	0.00%	0.00%	797	756	779
Unnao	0.00%	100.00%	0.00%	0.00%	769	736	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	737	764
	Aurangabad	0.00%	99.99%	0.01%	0.01%	801	746	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	748	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	750	762
	Bina	0.00%	100.00%	0.00%	0.00%	789	753	771
	Champa	0.00%	97.56%	0.53%	0.53%	801	778	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	758	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	749	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	753	775
	Indore	0.00%	100.00%	0.00%	0.00%	786	747	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	759	773
	Koradi	0.00%	100.00%	0.00%	0.00%	767	736	754
	Pune	0.03%	99.97%	0.00%	0.03%	800	727	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	768	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	762	779
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	766
	Satna	0.00%	100.00%	0.00%	0.00%	784	755	769
	Seoni	0.00%	100.00%	0.00%	0.00%	790	750	774
	Sipat	0.00%	100.00%	0.00%	0.00%	768	751	761
	Sholapur	0.00%	98.50%	1.50%	1.50%	812	755	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	776	789	
Tirora	0.00%	100.00%	0.00%	0.00%	762	741	754	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	755	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	762	768	
Wardha	0.00%	99.92%	0.08%	0.08%	801	757	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	766	779
	Raichur	0.00%	99.98%	0.02%	0.02%	801	757	782
	Kurnool	0.00%	99.63%	0.37%	0.37%	803	766	786
	Thiruvalam	0.00%	85.96%	14.04%	14.04%	805	775	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	763	775
	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	769	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	759	777
Sasaram	0.00%	100.00%	0.00%	0.00%	786	733	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	99.12%	0.88%	0.88%	422	396	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	402
	Misa (400 kV)	0.00%	96.34%	3.66%	3.66%	422	400	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409

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