

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

**System Reliability Indices Report for the week from  
10-Oct-2016 to 16-Oct-2016**

Date: 21-Oct-2016

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	0.60
2	ER-NR	13	3.25	1.93
3	Import of NR	32	8.00	4.76
4	NEW-SR	10	2.50	1.49
5	ER-NER	44	11.00	6.55

**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	2	0.50	0.30
3	Import of NR	2	0.50	0.30
4	NEW-SR	0	0.00	0.00
4	ER-NER	54	13.50	8.04

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 10-Oct-2016 to 16-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%	797	749	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	758	767
	Ballia	0.00%	100.00%	0.00%	0.00%	790	758	773
	Bhiwani	0.00%	95.51%	4.49%	4.49%	805	760	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	737	762
	Jhatikara	0.00%	99.61%	0.39%	0.39%	802	758	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	754	776
	Meerut	0.00%	99.59%	0.19%	0.19%	803	761	777
	Moga	0.00%	97.60%	2.40%	2.40%	803	758	782
Phagi	0.00%	100.00%	0.00%	0.00%	800	755	779	
Unnao	0.00%	100.00%	0.00%	0.00%	771	735	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	745	764
	Aurangabad	0.00%	99.64%	0.36%	0.36%	802	749	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	748	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	755	766
	Bina	0.00%	100.00%	0.00%	0.00%	798	755	780
	Champa	0.00%	81.47%	13.02%	13.02%	805	784	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	761	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	745	778
	Gwalior	0.00%	99.93%	0.07%	0.07%	801	755	779
	Indore	0.00%	100.00%	0.00%	0.00%	796	750	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	759	781
	Koradi	0.00%	100.00%	0.00%	0.00%	771	734	751
	Pune	0.03%	99.81%	0.00%	0.03%	800	727	770
	Raigarh PS (Kotra)	0.00%	97.69%	2.31%	2.31%	804	780	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	773	784
	Sasan	0.00%	100.00%	0.00%	0.00%	784	760	773
	Satna	0.00%	100.00%	0.00%	0.00%	795	756	779
	Seoni	0.00%	100.00%	0.00%	0.00%	799	761	782
	Sipat	0.00%	100.00%	0.00%	0.00%	775	754	765
	Sholapur	0.00%	90.98%	9.02%	9.02%	808	758	789
Tamnara PS	0.00%	98.74%	1.26%	1.26%	804	780	792	
Tirora	0.00%	100.00%	0.00%	0.00%	766	741	752	
Vadodara	0.00%	98.78%	1.22%	1.22%	806	763	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	762	776	
Wardha	0.00%	98.62%	1.38%	1.38%	806	762	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	772	786
	Raichur	0.00%	98.66%	1.34%	1.34%	808	763	788
	Kurnool	0.00%	86.23%	13.77%	13.77%	813	773	793
	Thiruvalam	0.00%	54.50%	45.50%	45.50%	813	780	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	764	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	758	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	774	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	763	781
	Sasaram	0.09%	99.91%	0.00%	0.09%	786	727	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	408
	Balipara (400 kV)	0.00%	97.05%	2.95%	2.95%	423	387	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	387	402
	Misa (400 kV)	0.00%	88.55%	11.45%	11.45%	424	391	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	410

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