

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

**System Reliability Indices Report for the week from  
03-Oct-2016 to 09-Oct-2016**

Date: 14-Oct-2016

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	148	37.00	22.02
2	ER-NR	0	0.00	0.00
3	Import of NR	151	37.75	22.47
4	NEW-SR	0	0.00	0.00
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	14	3.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	30	7.50	4.46
4	NEW-SR	0	0.00	0.00
4	ER-NER	83	20.75	12.35

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 03-Oct-2016 to 09-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%	793	744	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	751	762
	Ballia	0.00%	100.00%	0.00%	0.00%	787	744	768
	Bhiwani	0.00%	99.83%	0.17%	0.17%	801	751	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	736	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	752	778
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	749	771
	Meerut	0.00%	99.54%	0.40%	0.40%	806	752	779
	Moga	0.00%	99.95%	0.05%	0.05%	801	755	779
Phagi	0.00%	100.00%	0.00%	0.00%	795	746	777	
Unnao	0.00%	100.00%	0.00%	0.00%	779	730	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	744	765
	Aurangabad	0.00%	98.06%	1.94%	1.94%	808	756	786
	Bhopal (BDTCL)	0.01%	99.99%	0.00%	0.01%	788	728	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	754	767
	Bina	0.00%	100.00%	0.00%	0.00%	795	756	782
	Champa	0.00%	82.81%	10.85%	10.85%	809	778	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	756	775
	Dhule (BDTCL)	0.00%	98.84%	1.16%	1.16%	805	752	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	747	779
	Indore	0.00%	100.00%	0.00%	0.00%	791	752	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	768	734	750
	Pune	0.00%	99.92%	0.00%	0.00%	800	730	763
	Raigarh PS (Kotra)	0.00%	99.91%	0.09%	0.09%	801	775	791
	Raipur PS (Durg)	0.00%	99.69%	0.31%	0.31%	802	765	784
	Sasan	0.00%	100.00%	0.00%	0.00%	785	763	776
	Satna	0.00%	100.00%	0.00%	0.00%	793	759	782
	Seoni	0.00%	100.00%	0.00%	0.00%	798	765	783
	Sipat	0.00%	100.00%	0.00%	0.00%	775	754	766
	Sholapur	0.00%	86.54%	13.46%	13.46%	811	754	792
Tamnara PS	0.00%	99.96%	0.04%	0.04%	800	776	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	740	752	
Vadodara	0.00%	99.14%	0.86%	0.86%	802	766	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	768	779	
Wardha	0.00%	96.42%	3.58%	3.58%	807	763	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	772	787
	Raichur	0.00%	96.43%	3.57%	3.57%	806	760	790
	Kurnool	0.00%	87.46%	12.54%	12.54%	809	772	794
	Thiruvalam	0.00%	64.11%	35.89%	35.89%	810	779	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	757	773
	Gaya	0.00%	100.00%	0.00%	0.00%	788	745	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	766	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	757	779
Sasaram	0.47%	99.53%	0.00%	0.47%	786	724	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	407
	Balipara (400 kV)	0.00%	92.84%	7.16%	7.16%	426	390	412
	Bongaigaon (400 kV)	0.20%	99.80%	0.00%	0.20%	411	378	401
	Misa (400 kV)	0.00%	89.95%	10.05%	10.05%	426	394	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	409

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