

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

**System Reliability Indices Report for the week from  
12-Sep-2016 to 18-Sep-2016**

Date: 23-Sep-2016

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	358	89.50	53.27
2	ER-NR	0	0.00	0.00
3	Import of NR	274	68.50	40.77
4	NEW-SR	0	0.00	0.00
5	ER-NER	143	35.75	21.28

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	73	18.25	10.86
2	ER-NR	0	0.00	0.00
3	Import of NR	27	6.75	4.02
4	NEW-SR	0	0.00	0.00
4	ER-NER	108	27.00	16.07

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 12-Sep-2016 to 18-Sep-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%	99.98%	0.00%	0.00%	800	749	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	755	765
	Ballia	0.00%	100.00%	0.00%	0.00%	791	751	768
	Bhiwani	0.00%	99.90%	0.10%	0.10%	800	758	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	741	764
	Jhatikara	0.00%	99.94%	0.06%	0.06%	800	752	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	753	771
	Meerut	0.00%	96.30%	2.55%	2.55%	809	759	782
	Moga	0.00%	92.27%	7.73%	7.73%	811	762	786
Phagi	0.00%	100.00%	0.00%	0.00%	798	755	774	
Unnao	0.00%	100.00%	0.00%	0.00%	770	732	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	746	770
	Aurangabad	0.00%	97.86%	2.14%	2.14%	804	747	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	741	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	794	755	775
	Champa	0.00%	91.20%	4.61%	4.61%	804	778	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	763	774
	Dhule (BDTCL)	0.00%	97.92%	2.08%	2.08%	803	751	781
	Gwalior	0.00%	99.84%	0.16%	0.16%	803	752	776
	Indore	0.00%	100.00%	0.00%	0.00%	793	743	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	760	777
	Koradi	0.00%	100.00%	0.00%	0.00%	770	741	757
	Pune	0.00%	99.34%	0.00%	0.00%	800	738	771
	Raigarh PS (Kotra)	0.00%	99.79%	0.20%	0.20%	801	781	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	762	783
	Sasan	0.00%	100.00%	0.00%	0.00%	781	755	767
	Satna	0.00%	100.00%	0.00%	0.00%	791	753	772
	Seoni	0.00%	100.00%	0.00%	0.00%	795	757	780
	Sipat	0.00%	100.00%	0.00%	0.00%	775	756	765
	Sholapur	0.00%	77.05%	22.95%	22.95%	813	755	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	781	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	746	757	
Vadodara	0.00%	98.67%	1.33%	1.33%	804	755	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	759	770	
Wardha	0.00%	97.52%	2.48%	2.48%	806	760	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	769	785
	Raichur	0.00%	88.44%	11.56%	11.56%	809	757	790
	Kurnool	0.00%	77.82%	22.18%	22.18%	811	770	794
	Thiruvalam	0.00%	59.66%	40.34%	40.34%	813	781	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	765	775
	Gaya	0.00%	100.00%	0.00%	0.00%	789	752	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	773	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	758	780
Sasaram	0.00%	100.00%	0.00%	0.00%	789	741	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	407
	Balipara (400 kV)	0.00%	98.85%	1.15%	1.15%	423	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	404
	Misa (400 kV)	0.00%	95.05%	4.95%	4.95%	422	396	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408

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