

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

**System Reliability Indices Report for the week from
05-Sep-2016 to 11-Sep-2016**

Date: 16-Sep-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	127	31.75	18.90
2	ER-NR	0	0.00	0.00
3	Import of NR	17	4.25	2.53
4	NEW-SR	25	6.25	3.72
5	ER-NER	118	29.50	17.56

Percentage(%) of times (N-1) Criteria 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	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	86	21.50	12.80

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 05-Sep-2016 to 11-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%	99.96%	0.01%	0.01%	802	749	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	758	767
	Ballia	0.00%	100.00%	0.00%	0.00%	792	750	769
	Bhiwani	0.00%	98.93%	1.07%	1.07%	802	754	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	737	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	746	767
	Jhatikara	0.00%	99.88%	0.12%	0.12%	801	752	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	744	768
	Meerut	0.00%	98.40%	1.33%	1.33%	809	754	779
	Moga	0.00%	94.77%	5.23%	5.23%	808	747	779
Phagi	0.00%	100.00%	0.00%	0.00%	798	753	774	
Unnao	0.00%	100.00%	0.00%	0.00%	778	731	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	737	766
	Aurangabad	0.00%	99.34%	0.66%	0.66%	803	740	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	750	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	758	765
	Bina	0.00%	99.94%	0.06%	0.06%	801	758	774
	Champa	0.00%	98.50%	0.60%	0.60%	803	779	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	763	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	751	779
	Gwalior	0.00%	99.90%	0.10%	0.10%	805	753	775
	Indore	0.00%	100.00%	0.00%	0.00%	786	753	769
	Jabalpur	0.00%	99.96%	0.04%	0.04%	801	760	776
	Koradi	0.00%	100.00%	0.00%	0.00%	766	734	754
	Pune	0.36%	99.56%	0.00%	0.36%	800	720	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	779	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	773	781
	Sasan	0.00%	100.00%	0.00%	0.00%	786	758	770
	Satna	0.00%	100.00%	0.00%	0.00%	796	757	774
	Seoni	0.00%	100.00%	0.00%	0.00%	797	762	778
	Sipat	0.00%	100.00%	0.00%	0.00%	774	757	764
	Sholapur	0.00%	92.40%	7.60%	7.60%	810	754	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	779	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	759	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	763	775	
Wardha	0.00%	99.12%	0.88%	0.88%	805	757	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	765	781
	Raichur	0.00%	99.41%	0.59%	0.59%	805	758	783
	Kurnool	0.00%	96.32%	3.68%	3.68%	807	763	788
	Thiruvalam	0.00%	71.18%	28.82%	28.82%	812	774	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	764	774
	Gaya	0.00%	100.00%	0.00%	0.00%	791	754	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	773	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	781
Sasaram	0.38%	99.62%	0.00%	0.38%	791	725	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	Balipara (400 kV)	0.00%	97.97%	2.03%	2.03%	424	401	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
	Misa (400 kV)	0.00%	96.16%	3.84%	3.84%	423	402	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407

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