

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

**Date of Reporting: 8-Sep-16  
System Reliability Indices Report for: 7-Sep-16**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	4	1.00	4.17
5	ER-NER	17	4.25	17.71

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	2	0.50	2.08
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	10	2.50	10.42

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 day of 07-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%	100.00%	0.00%	0.00%	793	749	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	760	768
	Ballia	0.00%	100.00%	0.00%	0.00%	792	751	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	754	773
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	746	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	749	765
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	752	773
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	748	768
	Meerut	0.00%	100.00%	0.00%	0.00%	780	768	774
	Moga	0.00%	100.00%	0.00%	0.00%	793	757	773
Phagi	0.00%	100.00%	0.00%	0.00%	787	753	772	
Unnao	0.00%	100.00%	0.00%	0.00%	778	740	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	737	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	740	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	750	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	785	760	773
	Champa	0.00%	99.31%	0.00%	0.00%	800	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	753	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	774
	Indore	0.00%	100.00%	0.00%	0.00%	779	753	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	760	774
	Koradi	0.00%	100.00%	0.00%	0.00%	766	735	756
	Pune	0.00%	100.00%	0.00%	0.00%	798	745	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	779	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	773	781
	Sasan	0.00%	100.00%	0.00%	0.00%	773	763	769
	Satna	0.00%	100.00%	0.00%	0.00%	782	762	774
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	776
	Sipat	0.00%	100.00%	0.00%	0.00%	768	757	763
	Sholapur	0.00%	87.15%	12.85%	12.85%	807	757	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	779	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	759	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	769	778	
Wardha	0.00%	99.65%	0.35%	0.35%	805	757	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	766	779
	Raichur	0.00%	99.79%	0.21%	0.21%	800	758	781
	Kurnool	0.00%	98.26%	1.74%	1.74%	802	763	784
	Thiruvalam	0.00%	80.90%	19.10%	19.10%	808	774	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	767	773
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	775	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	770	781
Sasaram	0.00%	100.00%	0.00%	0.00%	790	742	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	406
	Balipara (400 kV)	0.00%	95.35%	4.65%	4.65%	424	404	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	404
	Misa (400 kV)	0.00%	94.38%	5.63%	5.63%	423	406	414
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	407	

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