

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

**Date of Reporting: 6-Sep-16  
System Reliability Indices Report for: 5-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	35	8.75	36.46
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
5	ER-NER	4	1.00	4.17

**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	0	0.00	0.00
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	2	0.50	2.08

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 05-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%	99.72%	0.07%	0.07%	802	756	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	759	766
	Ballia	0.00%	100.00%	0.00%	0.00%	790	752	766
	Bhiwani	0.00%	94.10%	5.90%	5.90%	801	754	773
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	737	753
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	749	766
	Jhatikara	0.00%	99.17%	0.83%	0.83%	801	754	773
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	744	763
	Meerut	0.00%	96.46%	2.43%	2.43%	805	755	776
	Moga	0.00%	100.00%	0.00%	0.00%	794	749	768
Phagi	0.00%	100.00%	0.00%	0.00%	798	761	776	
Unnao	0.00%	100.00%	0.00%	0.00%	769	731	746	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	752	766
	Aurangabad	0.00%	97.57%	2.43%	2.43%	803	755	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	763	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	762	769
	Bina	0.00%	99.58%	0.42%	0.42%	801	765	782
	Champa	0.00%	90.21%	4.17%	4.17%	803	788	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	768	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	751	778
	Gwalior	0.00%	99.31%	0.69%	0.69%	805	762	778
	Indore	0.00%	100.00%	0.00%	0.00%	786	769	774
	Jabalpur	0.00%	99.72%	0.28%	0.28%	801	768	784
	Koradi	0.00%	100.00%	0.00%	0.00%	763	741	750
	Pune	0.00%	100.00%	0.00%	0.00%	798	749	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	785	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	783	785
	Sasan	0.00%	100.00%	0.00%	0.00%	786	770	776
	Satna	0.00%	100.00%	0.00%	0.00%	796	774	782
	Seoni	0.00%	100.00%	0.00%	0.00%	797	773	783
	Sipat	0.00%	100.00%	0.00%	0.00%	774	763	767
	Sholapur	0.00%	90.56%	9.44%	9.44%	807	762	790
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	786	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	775	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	779	781	
Wardha	0.00%	95.56%	4.44%	4.44%	805	767	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	777	788
	Raichur	0.00%	98.89%	1.11%	1.11%	805	764	788
	Kurnool	0.00%	94.58%	5.42%	5.42%	807	775	794
	Thiruvalam	0.00%	22.29%	77.71%	77.71%	809	789	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	768	778
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	776	784
Sasaram	0.00%	100.00%	0.00%	0.00%	790	730	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406

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