

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

**Date of Reporting: 4-Sep-16  
System Reliability Indices Report for: 3-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	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
5	ER-NER	19	4.75	19.79

**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	18	4.50	18.75

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 03-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%	97.92%	0.90%	0.90%	804	753	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	756	769
	Ballia	0.00%	100.00%	0.00%	0.00%	790	746	766
	Bhiwani	0.00%	57.02%	42.98%	42.98%	809	782	796
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	738	755
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	738	761
	Jhatikara	0.00%	92.85%	7.15%	7.15%	807	758	780
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	744	765
	Meerut	0.00%	86.74%	10.56%	10.56%	808	760	783
	Moga	0.00%	100.00%	0.00%	0.00%	788	753	771
Phagi	0.00%	90.56%	9.44%	9.44%	806	764	782	
Unnao	0.00%	100.00%	0.00%	0.00%	773	730	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	750	773
	Aurangabad	0.00%	97.08%	2.92%	2.92%	802	750	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	756	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	759	770
	Bina	0.00%	94.17%	5.83%	5.83%	801	766	786
	Champa	0.00%	81.67%	14.10%	14.10%	803	786	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	758	777
	Dhule (BDTCL)	0.00%	94.24%	5.76%	5.76%	802	765	787
	Gwalior	0.00%	91.94%	8.06%	8.06%	806	764	784
	Indore	0.00%	100.00%	0.00%	0.00%	793	761	777
	Jabalpur	0.00%	94.93%	5.07%	5.07%	802	762	788
	Koradi	0.00%	100.00%	0.00%	0.00%	771	738	759
	Pune	0.00%	99.93%	0.00%	0.00%	800	732	773
	Raigarh PS (Kotra)	0.00%	99.86%	0.14%	0.14%	800	784	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	782	786
	Sasan	0.00%	100.00%	0.00%	0.00%	786	767	778
	Satna	0.00%	100.00%	0.00%	0.00%	799	767	786
	Seoni	0.00%	100.00%	0.00%	0.00%	798	774	785
	Sipat	0.00%	100.00%	0.00%	0.00%	775	759	768
	Sholapur	0.00%	83.68%	16.32%	16.32%	810	748	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	784	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	92.64%	7.36%	7.36%	802	771	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	769	780	
Wardha	0.00%	99.17%	0.83%	0.83%	802	765	788	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	770	785
	Raichur	0.00%	99.24%	0.76%	0.76%	803	757	789
	Kurnool	0.00%	97.99%	2.01%	2.01%	805	764	792
	Thiruvalam	0.00%	78.06%	21.94%	21.94%	805	791	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	765	774
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	772	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	782
Sasaram	0.00%	100.00%	0.00%	0.00%	797	735	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	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.