

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

**Date of Reporting: 26-Sep-16  
System Reliability Indices Report for: 25-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	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	37	9.25	38.54
4	NEW-SR	0	0.00	0.00
5	ER-NER	30	7.50	31.25

**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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
4	NEW-SR	0	0.00	0.00
4	ER-NER	27	6.75	28.13

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 25-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%	794	762	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	761	766
	Ballia	0.00%	100.00%	0.00%	0.00%	793	768	778
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	771	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	745	759
	Jhatikara	0.00%	99.93%	0.07%	0.07%	800	770	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	765	778
	Meerut	0.00%	93.06%	5.00%	5.00%	808	777	789
	Moga	0.00%	100.00%	0.00%	0.00%	796	769	782
Phagi	0.00%	100.00%	0.00%	0.00%	795	767	780	
Unnao	0.00%	100.00%	0.00%	0.00%	771	746	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	757	769
	Aurangabad	0.00%	97.71%	2.29%	2.29%	805	768	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	764	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	765	772
	Bina	0.00%	100.00%	0.00%	0.00%	796	769	784
	Champa	0.00%	82.36%	2.15%	2.15%	801	791	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	773	780
	Dhule (BDTCL)	0.00%	99.93%	0.07%	0.07%	805	765	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	766	783
	Indore	0.00%	100.00%	0.00%	0.00%	787	766	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	774	785
	Koradi	0.00%	100.00%	0.00%	0.00%	758	743	752
	Pune	0.00%	100.00%	0.00%	0.00%	784	749	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	788	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	783	786
	Sasan	0.00%	100.00%	0.00%	0.00%	781	765	774
	Satna	0.00%	100.00%	0.00%	0.00%	791	768	781
	Seoni	0.00%	100.00%	0.00%	0.00%	795	777	786
	Sipat	0.00%	100.00%	0.00%	0.00%	777	765	771
	Sholapur	0.00%	83.68%	16.32%	16.32%	808	779	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	788	794	
Tirora	0.00%	100.00%	0.00%	0.00%	758	747	753	
Vadodara	0.00%	99.93%	0.07%	0.07%	802	773	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	768	778	
Wardha	0.00%	91.94%	8.06%	8.06%	804	774	792	
SR	Nellore PS	0.00%	98.89%	1.11%	1.11%	801	783	794
	Raichur	0.00%	94.51%	5.49%	5.49%	804	780	794
	Kurnool	0.00%	56.67%	43.33%	43.33%	806	786	798
	Thiruvalam	0.00%	25.97%	74.03%	74.03%	810	790	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	762	775
	Gaya	0.00%	100.00%	0.00%	0.00%	790	768	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	780	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	778	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	776	731	754
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	410

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