

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

**Date of Reporting: 19-Sep-16
System Reliability Indices Report for: 18-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	43	10.75	44.79
2	ER-NR	0	0.00	0.00
3	Import of NR	29	7.25	30.21
4	NEW-SR	0	0.00	0.00
5	ER-NER	16	4.00	16.67

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	ER-NER	15	3.75	15.63

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 18-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%	790	751	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	764	769
	Ballia	0.00%	100.00%	0.00%	0.00%	791	760	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	764	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	743	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	760	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	760	773
	Meerut	0.00%	99.03%	0.07%	0.07%	801	765	781
	Moga	0.00%	100.00%	0.00%	0.00%	799	767	782
Phagi	0.00%	100.00%	0.00%	0.00%	788	760	774	
Unnao	0.00%	100.00%	0.00%	0.00%	770	747	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	757	768
	Aurangabad	0.00%	93.96%	6.04%	6.04%	804	770	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	763	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	763	770
	Bina	0.00%	100.00%	0.00%	0.00%	792	765	779
	Champa	0.00%	66.18%	20.28%	20.28%	804	789	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	770	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	764	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	775
	Indore	0.00%	100.00%	0.00%	0.00%	787	769	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	770	783
	Koradi	0.00%	100.00%	0.00%	0.00%	758	743	751
	Pune	0.00%	100.00%	0.00%	0.00%	783	751	766
	Raigarh PS (Kotra)	0.00%	98.54%	1.39%	1.39%	801	787	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	781	788
	Sasan	0.00%	100.00%	0.00%	0.00%	777	763	771
	Satna	0.00%	100.00%	0.00%	0.00%	787	763	777
	Seoni	0.00%	100.00%	0.00%	0.00%	795	773	785
	Sipat	0.00%	100.00%	0.00%	0.00%	775	763	769
	Sholapur	0.00%	80.28%	19.72%	19.72%	808	775	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	788	788	788	
Tirora	0.00%	100.00%	0.00%	0.00%	757	746	753	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	777	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	766	774	
Wardha	0.00%	89.38%	10.63%	10.63%	805	773	790	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	780	790
	Raichur	0.00%	95.76%	4.24%	4.24%	804	773	792
	Kurnool	0.00%	88.26%	11.74%	11.74%	806	780	795
	Thiruvalam	0.00%	36.04%	63.96%	63.96%	808	788	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	766	776
	Gaya	0.00%	100.00%	0.00%	0.00%	789	760	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	779	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	784
Sasaram	0.00%	100.00%	0.00%	0.00%	789	742	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	407
	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	422	396	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	404
	Misa (400 kV)	0.00%	98.47%	1.53%	1.53%	421	400	414
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	409	

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