

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

**Date of Reporting: 29-Aug-16
System Reliability Indices Report for: 28-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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	23	5.75	23.96

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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	5	1.25	5.21

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 28-Aug-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	751	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	761	772
	Ballia	0.00%	100.00%	0.00%	0.00%	792	758	772
	Bhiwani	0.00%	95.21%	4.79%	4.79%	805	768	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	741	765
	Jhatikara	0.00%	98.68%	1.32%	1.32%	801	764	780
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	757	772
	Meerut	0.00%	92.36%	4.93%	4.93%	809	768	786
	Moga	0.00%	98.13%	1.88%	1.88%	803	767	783
Phagi	0.00%	100.00%	0.00%	0.00%	792	757	775	
Unnao	0.00%	100.00%	0.00%	0.00%	777	746	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	754	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	767	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	752	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	787	756	770
	Champa	0.00%	100.00%	0.00%	0.00%	795	781	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	762	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	770	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	757	774
	Indore	0.00%	100.00%	0.00%	0.00%	780	754	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	759	771
	Koradi	0.00%	100.00%	0.00%	0.00%	767	740	754
	Pune	0.00%	100.00%	0.00%	0.00%	800	745	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	778	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	777	777
	Sasan	0.00%	100.00%	0.00%	0.00%	777	759	767
	Satna	0.00%	100.00%	0.00%	0.00%	786	759	772
	Seoni	0.00%	100.00%	0.00%	0.00%	789	767	777
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	763
	Sholapur	0.00%	92.15%	7.85%	7.85%	807	771	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	778	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	766	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	762	770	
Wardha	0.00%	100.00%	0.00%	0.00%	796	766	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	784	790
	Raichur	0.00%	91.18%	8.82%	8.82%	805	780	791
	Kurnool	0.00%	76.46%	23.54%	23.54%	810	783	796
	Thiruvalam	0.00%	20.56%	79.44%	79.44%	814	795	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	773	757	767
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	771	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	765	774
Sasaram	0.00%	100.00%	0.00%	0.00%	783	745	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	98.54%	1.46%	1.46%	421	398	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	405
	Misa (400 kV)	0.00%	97.43%	2.57%	2.57%	421	400	412
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409	

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