

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

**Date of Reporting: 20-Aug-16
System Reliability Indices Report for: 19-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	6	1.50	6.25
4	NEW-SR	9	2.25	9.38
5	ER-NER	74	18.50	77.08

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	59	14.75	61.46

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 19-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	756	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	767	776
	Ballia	0.00%	100.00%	0.00%	0.00%	794	762	781
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	100.00%	0.00%	0.00%	100.00%	718	718	718
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	754	774
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	758	781
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	760	781
	Meerut	0.00%	71.46%	27.29%	27.29%	809	767	791
	Moga	0.00%	100.00%	0.00%	0.00%	798	762	782
Phagi	0.00%	100.00%	0.00%	0.00%	796	757	779	
Unnao	0.00%	100.00%	0.00%	0.00%	778	748	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	750	771
	Aurangabad	0.00%	98.26%	1.74%	1.74%	806	762	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	767	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	763	769
	Bina	0.00%	100.00%	0.00%	0.00%	789	768	779
	Champa	0.00%	89.44%	7.01%	7.01%	807	790	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	773	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	770	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	760	781
	Indore	0.00%	100.00%	0.00%	0.00%	785	764	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	773	781
	Koradi	0.00%	100.00%	0.00%	0.00%	776	735	757
	Pune	0.00%	100.00%	0.00%	0.00%	797	732	770
	Raigarh PS (Kotra)	0.00%	99.44%	0.56%	0.56%	801	786	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	784	785
	Sasan	0.00%	100.00%	0.00%	0.00%	783	769	776
	Satna	0.00%	100.00%	0.00%	0.00%	793	771	784
	Seoni	0.00%	100.00%	0.00%	0.00%	797	774	783
	Sipat	0.00%	100.00%	0.00%	0.00%	773	763	768
	Sholapur	0.00%	89.31%	10.69%	10.69%	807	767	789
Tamnara PS	0.00%	99.72%	0.28%	0.28%	800	786	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	769	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	771	779	
Wardha	0.00%	95.97%	4.03%	4.03%	807	769	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	767	778
	Raichur	0.00%	100.00%	0.00%	0.00%	799	768	783
	Kurnool	0.00%	99.93%	0.07%	0.07%	800	772	786
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	775	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	764	774
	Gaya	0.00%	100.00%	0.00%	0.00%	793	763	781
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	779	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	775	787
Sasaram	0.00%	100.00%	0.00%	0.00%	772	737	758	
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%	414	396	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407

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