

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

**Date of Reporting: 30-Aug-16
System Reliability Indices Report for: 29-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	7	1.75	7.29
5	ER-NER	17	4.25	17.71

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	13	3.25	13.54

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 29-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%	795	759	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	762	773
	Ballia	0.00%	100.00%	0.00%	0.00%	792	758	775
	Bhiwani	0.00%	90.85%	9.15%	9.15%	805	776	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	754	773
	Jhatikara	0.00%	99.44%	0.56%	0.56%	801	772	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	759	775
	Meerut	0.00%	78.84%	18.30%	18.30%	809	776	793
	Moga	0.00%	96.37%	3.63%	3.63%	804	779	790
Phagi	0.00%	100.00%	0.00%	0.00%	793	764	780	
Unnao	0.00%	100.00%	0.00%	0.00%	774	747	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	748	765
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	756	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	751	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	757	764
	Bina	0.00%	100.00%	0.00%	0.00%	786	756	774
	Champa	0.00%	100.00%	0.00%	0.00%	791	774	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	760	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	761	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	778
	Indore	0.00%	100.00%	0.00%	0.00%	785	752	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	758	774
	Koradi	0.00%	100.00%	0.00%	0.00%	767	741	751
	Pune	0.00%	100.00%	0.00%	0.00%	799	745	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	788	774	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	777	767	774
	Sasan	0.00%	100.00%	0.00%	0.00%	774	759	768
	Satna	0.00%	100.00%	0.00%	0.00%	782	762	774
	Seoni	0.00%	100.00%	0.00%	0.00%	787	763	777
	Sipat	0.00%	100.00%	0.00%	0.00%	767	758	763
	Sholapur	0.00%	90.85%	9.15%	9.15%	810	762	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	787	775	782	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	763	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	764	771	
Wardha	0.00%	100.00%	0.00%	0.00%	795	761	779	
SR	Nellore PS	0.00%	99.58%	0.42%	0.42%	801	774	787
	Raichur	0.00%	98.67%	1.33%	1.33%	802	766	787
	Kurnool	0.00%	84.71%	15.29%	15.29%	806	774	792
	Thiruvalam	0.00%	61.59%	38.41%	38.41%	817	781	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	768	755	763
	Gaya	0.00%	100.00%	0.00%	0.00%	789	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	783	769	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	760	772
Sasaram	1.89%	98.11%	0.00%	1.89%	791	726	749	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	407
	Balipara (400 kV)	0.00%	97.97%	2.03%	2.03%	421	401	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	405
	Misa (400 kV)	0.00%	97.14%	2.86%	2.86%	421	403	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408

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