

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

**Date of Reporting: 10-Aug-16
System Reliability Indices Report for: 9-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	Import of NR	25	6.25	26.04
4	NEW-SR	17	4.25	17.71
5	ER-NER	0	0.00	0.00

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	12	3.00	12.50
4	NEW-SR	3	0.75	3.13
4	ER-NER	0	0.00	0.00

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 09-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%	796	748	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	748	763
	Ballia	0.00%	100.00%	0.00%	0.00%	789	750	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	762	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	746	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	772	772	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	745	767
	Meerut	0.00%	78.33%	18.68%	18.68%	808	770	790
	Moga	0.00%	100.00%	0.00%	0.00%	792	762	773
Phagi	0.00%	100.00%	0.00%	0.00%	796	758	778	
Unnao	0.00%	100.00%	0.00%	0.00%	771	731	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	758	778
	Aurangabad	0.00%	95.49%	4.51%	4.51%	803	747	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	759	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	760	768
	Bina	0.00%	100.00%	0.00%	0.00%	791	759	779
	Champa	0.00%	84.51%	10.56%	10.56%	803	786	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	768	777
	Dhule (BDTCL)	0.00%	99.58%	0.42%	0.42%	803	746	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	754	778
	Indore	0.00%	100.00%	0.00%	0.00%	787	763	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	766	780
	Koradi	0.00%	100.00%	0.00%	0.00%	773	744	761
	Pune	0.00%	100.00%	0.00%	0.00%	787	740	763
	Raigarh PS (Kotra)	0.00%	99.65%	0.35%	0.35%	800	786	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	774	786
	Sasan	0.00%	100.00%	0.00%	0.00%	780	758	772
	Satna	0.00%	100.00%	0.00%	0.00%	791	754	779
	Seoni	0.00%	100.00%	0.00%	0.00%	793	771	784
	Sipat	0.00%	100.00%	0.00%	0.00%	772	759	766
	Sholapur	0.00%	99.51%	0.00%	0.00%	800	779	788
Tamnar PS	0.00%	100.00%	0.00%	0.00%	798	784	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	765	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	759	774	
Wardha	0.00%	99.86%	0.14%	0.14%	801	763	788	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	761	778
	Raichur	0.00%	94.72%	5.28%	5.28%	804	748	785
	Kurnool	0.00%	94.17%	5.83%	5.83%	803	756	787
	Thiruvalam	0.00%	85.76%	14.24%	14.24%	806	769	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	773	783
	Gaya	0.00%	100.00%	0.00%	0.00%	788	751	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	778	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	752	783
	Sasaram	0.49%	99.51%	0.00%	0.49%	789	727	751
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	423	404	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408
	Misa (400 kV)	0.00%	99.79%	0.21%	0.21%	423	404	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	411

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