

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

**Date of Reporting: 8-Aug-16
System Reliability Indices Report for: 7-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	17	4.25	17.71
2	ER-NR	0	0.00	0.00
3	Import of NR	30	7.50	31.25
4	NEW-SR	0	0.00	0.00
5	ER-NER	20	5.00	20.83

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
4	NEW-SR	0	0.00	0.00
4	ER-NER	18	4.50	18.75

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 07-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%	99.93%	0.00%	0.00%	800	757	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	743	756
	Ballia	0.00%	100.00%	0.00%	0.00%	788	751	772
	Bhiwani	0.00%	94.51%	5.49%	5.49%	803	764	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	742	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	750	771
	Jhatikara	0.00%	99.38%	0.63%	0.63%	801	761	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	747	769
	Meerut	0.00%	63.40%	34.38%	34.38%	814	768	793
	Moga	0.00%	91.25%	8.75%	8.75%	806	765	785
Phagi	0.00%	100.00%	0.00%	0.00%	797	761	780	
Unnao	0.35%	99.65%	0.00%	0.35%	767	727	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	769	782
	Aurangabad	0.00%	95.07%	4.93%	4.93%	804	774	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	739	781
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	758	769
	Bina	0.00%	100.00%	0.00%	0.00%	797	765	784
	Champa	0.00%	47.77%	49.71%	49.71%	810	788	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	770	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	768	781
	Gwalior	0.00%	99.58%	0.42%	0.42%	802	760	784
	Indore	0.00%	100.00%	0.00%	0.00%	792	767	782
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	770	785
	Koradi	0.00%	100.00%	0.00%	0.00%	750	750	750
	Pune	0.00%	100.00%	0.00%	0.00%	789	753	771
	Raigarh PS (Kotra)	0.00%	47.43%	52.50%	52.50%	809	789	800
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	773	788
	Sasan	0.00%	100.00%	0.00%	0.00%	786	768	779
	Satna	0.00%	100.00%	0.00%	0.00%	797	771	787
	Seoni	0.00%	100.00%	0.00%	0.00%	789	764	779
	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	767
	Sholapur	0.00%	78.68%	12.71%	12.71%	806	783	794
Tamnara PS	0.00%	64.17%	35.83%	35.83%	806	787	798	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	777	788	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	771	782	
Wardha	0.00%	99.79%	0.21%	0.21%	803	774	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	776	785
	Raichur	0.00%	94.93%	5.07%	5.07%	804	773	787
	Kurnool	0.00%	90.14%	9.86%	9.86%	806	776	789
	Thiruvalam	0.00%	70.00%	30.00%	30.00%	806	791	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	772	785
	Gaya	0.00%	100.00%	0.00%	0.00%	789	753	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	768	786
Sasaram	0.00%	100.00%	0.00%	0.00%	788	730	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	Misa (400 kV)	0.00%	99.24%	0.76%	0.76%	421	401	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	411

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