

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

**Date of Reporting: 4-Aug-16
System Reliability Indices Report for: 3-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	29	7.25	30.21
2	ER-NR	0	0.00	0.00
3	Import of NR	20	5.00	20.83
4	NEW-SR	0	0.00	0.00
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	1	0.25	1.04
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	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 03-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%	790	752	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	759	769
	Ballia	0.00%	100.00%	0.00%	0.00%	791	755	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	760	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	789	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	760	775
	Meerut	0.00%	69.31%	29.10%	29.10%	810	767	789
	Moga	0.00%	100.00%	0.00%	0.00%	800	761	781
Phagi	0.00%	100.00%	0.00%	0.00%	793	759	777	
Unnao	0.00%	100.00%	0.00%	0.00%	775	735	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	760	775
	Aurangabad	0.00%	79.14%	20.86%	20.86%	806	764	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	760	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	755	766
	Bina	0.00%	100.00%	0.00%	0.00%	790	761	781
	Champa	0.00%	81.94%	13.06%	13.06%	806	785	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	768	778
	Dhule (BDTCL)	0.00%	97.85%	2.15%	2.15%	802	763	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	753	776
	Indore	0.00%	100.00%	0.00%	0.00%	788	763	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	792	792
	Koradi	0.00%	100.00%	0.00%	0.00%	758	758	758
	Pune	0.00%	100.00%	0.00%	0.00%	789	743	764
	Raigarh PS (Kotra)	0.00%	95.42%	4.58%	4.58%	802	788	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	777	784
	Sasan	0.00%	100.00%	0.00%	0.00%	781	761	774
	Satna	0.00%	100.00%	0.00%	0.00%	788	762	780
	Seoni	0.00%	100.00%	0.00%	0.00%	793	770	784
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	764
	Sholapur	0.00%	47.15%	51.88%	51.88%	808	778	799
Tamnara PS	0.00%	99.24%	0.76%	0.76%	800	786	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	765	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	768	777	
Wardha	0.00%	100.00%	0.00%	0.00%	799	767	788	
SR	Nellore PS	0.00%	98.40%	1.60%	1.60%	801	770	788
	Raichur	0.00%	84.38%	15.63%	15.63%	805	760	792
	Kurnool	0.00%	82.15%	17.85%	17.85%	809	762	793
	Thiruvalam	0.00%	75.49%	24.51%	24.51%	813	776	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	773	784
	Gaya	0.00%	100.00%	0.00%	0.00%	777	755	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	779	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	783
Sasaram	0.00%	100.00%	0.00%	0.00%	762	731	746	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	408
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	410

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