

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

**Date of Reporting: 14-Aug-16  
System Reliability Indices Report for: 13-Aug-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	9	2.25	9.38
5	ER-NER	0	0.00	0.00

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	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 13-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%	798	758	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	757	767
	Ballia	0.00%	100.00%	0.00%	0.00%	791	759	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	756	769
	Jhatikara	0.00%	97.15%	2.85%	2.85%	805	765	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	759	772
	Meerut	0.00%	81.25%	17.29%	17.29%	815	772	790
	Moga	0.00%	100.00%	0.00%	0.00%	796	765	780
Phagi	0.00%	100.00%	0.00%	0.00%	799	759	780	
Unnao	0.00%	100.00%	0.00%	0.00%	776	745	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	762	775
	Aurangabad	0.00%	98.54%	1.46%	1.46%	805	771	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	761	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	760	768
	Bina	0.00%	100.00%	0.00%	0.00%	786	761	775
	Champa	0.00%	98.47%	0.00%	0.00%	800	789	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	769	776
	Dhule (BDTCL)	0.00%	99.51%	0.49%	0.49%	800	765	787
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	758	777
	Indore	0.00%	100.00%	0.00%	0.00%	782	761	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	766	778
	Koradi	0.00%	100.00%	0.00%	0.00%	768	745	757
	Pune	0.00%	100.00%	0.00%	0.00%	779	739	761
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	787	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	785	785	785
	Sasan	0.00%	100.00%	0.00%	0.00%	783	769	776
	Satna	0.00%	100.00%	0.00%	0.00%	791	770	781
	Seoni	0.00%	100.00%	0.00%	0.00%	793	774	783
	Sipat	0.00%	100.00%	0.00%	0.00%	770	761	766
	Sholapur	0.00%	91.32%	6.67%	6.67%	806	775	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	787	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	774	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	772	778	
Wardha	0.00%	98.47%	1.53%	1.53%	805	774	787	
SR	Nellore PS	0.00%	80.49%	19.51%	19.51%	808	786	796
	Raichur	0.00%	75.76%	24.24%	24.24%	811	775	795
	Kurnool	0.00%	45.14%	54.86%	54.86%	813	787	800
	Thiruvalam	0.00%	63.68%	36.32%	36.32%	809	787	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	765	781
	Gaya	0.00%	100.00%	0.00%	0.00%	789	757	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	777	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	771	783
Sasaram	0.00%	100.00%	0.00%	0.00%	768	737	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	404
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	397	409
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409	

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