

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

**Date of Reporting: 16-Aug-16  
System Reliability Indices Report for: 15-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	0	0.00	0.00
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 15-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	749	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	760	773
	Ballia	0.00%	100.00%	0.00%	0.00%	796	758	780
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	744	774
	Jhatikara	0.00%	93.26%	6.74%	6.74%	804	759	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	757	780
	Meerut	0.00%	55.00%	40.56%	40.56%	814	766	795
	Moga	0.00%	100.00%	0.00%	0.00%	795	757	780
Phagi	0.00%	100.00%	0.00%	0.00%	796	759	784	
Unnao	0.00%	100.00%	0.00%	0.00%	782	741	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	763	781
	Aurangabad	0.00%	92.57%	7.43%	7.43%	809	769	791
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	764	779
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	759	770
	Bina	0.00%	100.00%	0.00%	0.00%	791	762	781
	Champa	0.00%	52.71%	43.68%	43.68%	808	791	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	771	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	761	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	756	782
	Indore	0.00%	100.00%	0.00%	0.00%	788	765	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	768	784
	Koradi	0.00%	100.00%	0.00%	0.00%	777	747	763
	Pune	0.00%	100.00%	0.00%	0.00%	787	758	773
	Raigarh PS (Kotra)	0.00%	78.82%	21.18%	21.18%	804	789	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	784	788
	Sasan	0.00%	100.00%	0.00%	0.00%	789	768	781
	Satna	0.00%	100.00%	0.00%	0.00%	798	772	788
	Seoni	0.00%	100.00%	0.00%	0.00%	794	763	782
	Sipat	0.00%	100.00%	0.00%	0.00%	776	759	769
	Sholapur	0.00%	92.50%	5.76%	5.76%	816	784	794
Tamnar PS	0.00%	88.13%	11.88%	11.88%	803	789	796	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	774	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	772	783	
Wardha	0.00%	96.81%	3.19%	3.19%	805	776	790	
SR	Nellore PS	0.00%	98.54%	1.46%	1.46%	803	784	791
	Raichur	0.00%	83.54%	16.46%	16.46%	811	781	795
	Kurnool	0.00%	67.43%	32.57%	32.57%	811	787	798
	Thiruvalam	0.00%	27.71%	72.29%	72.29%	812	794	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	769	779
	Gaya	0.00%	100.00%	0.00%	0.00%	793	760	779
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	775	789
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	730	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	421	400	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	421	401	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	411

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