

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

**Date of Reporting: 2-Aug-16  
System Reliability Indices Report for: 1-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	5	1.25	5.21
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 01-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%	799	754	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	761	775
	Ballia	0.00%	100.00%	0.00%	0.00%	797	758	779
	Bhiwani	0.00%	99.31%	0.69%	0.69%	803	760	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	754	775
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	778	784
	Lucknow	0.00%	90.07%	9.93%	9.93%	807	765	787
	Meerut	0.00%	86.11%	12.50%	12.50%	811	763	786
	Moga	0.00%	100.00%	0.00%	0.00%	791	752	775
Phagi	0.00%	100.00%	0.00%	0.00%	796	759	779	
Unnao	0.00%	100.00%	0.00%	0.00%	782	744	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	760	775
	Aurangabad	0.00%	77.71%	22.29%	22.29%	809	761	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	767	780
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	760	767
	Bina	0.00%	100.00%	0.00%	0.00%	794	767	784
	Champa	0.00%	35.21%	54.44%	54.44%	807	792	801
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	774	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	758	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	756	779
	Indore	0.00%	100.00%	0.00%	0.00%	790	765	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	781	791
	Koradi	0.00%	100.00%	0.00%	0.00%	767	745	757
	Pune	0.00%	99.79%	0.00%	0.00%	800	745	773
	Raigarh PS (Kotra)	0.00%	64.72%	35.28%	35.28%	804	791	798
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	788	790
	Sasan	0.00%	100.00%	0.00%	0.00%	781	766	776
	Satna	0.00%	100.00%	0.00%	0.00%	791	768	783
	Seoni	0.00%	100.00%	0.00%	0.00%	797	775	788
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	764
	Sholapur	0.00%	50.63%	47.29%	47.29%	816	765	798
Tamnar PS	0.00%	84.38%	15.63%	15.63%	804	789	797	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	766	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	772	778	
Wardha	0.00%	77.36%	22.64%	22.64%	808	771	793	
SR	Nellore PS	0.00%	87.22%	12.78%	12.78%	806	777	794
	Raichur	0.00%	56.67%	43.33%	43.33%	812	765	798
	Kurnool	0.00%	32.15%	67.85%	67.85%	818	772	801
	Thiruvalam	0.00%	19.65%	80.35%	80.35%	819	783	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	774	785
	Gaya	0.00%	100.00%	0.00%	0.00%	793	758	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	782	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	781	781
Sasaram	0.00%	100.00%	0.00%	0.00%	772	734	754	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	408
	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	420	405	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410
	Misa (400 kV)	0.00%	96.81%	3.19%	3.19%	421	407	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	412

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