

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

**Date of Reporting: 1-Sep-16  
System Reliability Indices Report for: 31-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 31-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%	99.51%	0.00%	0.00%	800	757	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	767	777
	Ballia	0.00%	100.00%	0.00%	0.00%	793	751	776
	Bhiwani	0.00%	76.39%	23.61%	23.61%	804	770	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	736	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	755	772
	Jhatikara	0.00%	92.29%	7.71%	7.71%	807	767	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	760	777
	Meerut	0.00%	61.11%	35.83%	35.83%	816	773	795
	Moga	0.00%	81.46%	18.54%	18.54%	814	767	781
Phagi	0.00%	100.00%	0.00%	0.00%	799	760	784	
Unnao	0.00%	100.00%	0.00%	0.00%	780	746	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	748	766
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	756	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	762	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	761	767
	Bina	0.00%	100.00%	0.00%	0.00%	794	767	782
	Champa	0.00%	100.00%	0.00%	0.00%	797	779	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	768	782
	Gwalior	0.00%	99.58%	0.42%	0.42%	801	762	782
	Indore	0.00%	100.00%	0.00%	0.00%	786	762	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	770	782
	Koradi	0.00%	100.00%	0.00%	0.00%	768	741	755
	Pune	0.00%	100.00%	0.00%	0.00%	796	730	758
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	778	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	773	779
	Sasan	0.00%	100.00%	0.00%	0.00%	779	766	773
	Satna	0.00%	100.00%	0.00%	0.00%	789	767	780
	Seoni	0.00%	100.00%	0.00%	0.00%	791	769	781
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	765
	Sholapur	0.00%	91.94%	8.06%	8.06%	808	761	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	779	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	769	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	767	775	
Wardha	0.00%	100.00%	0.00%	0.00%	795	764	782	
SR	Nellore PS	0.00%	99.86%	0.14%	0.14%	800	779	788
	Raichur	0.00%	91.18%	8.82%	8.82%	808	767	790
	Kurnool	0.00%	76.53%	23.47%	23.47%	812	780	795
	Thiruvalam	0.00%	56.53%	43.47%	43.47%	817	792	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	759	768
	Gaya	0.00%	100.00%	0.00%	0.00%	790	761	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	773	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	766	777
Sasaram	0.00%	100.00%	0.00%	0.00%	771	728	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	407

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