

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

**Date of Reporting: 3-Aug-16  
System Reliability Indices Report for: 2-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	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	Import of NR	21	5.25	21.88
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 02-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	751	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	764	772
	Ballia	0.00%	100.00%	0.00%	0.00%	791	759	777
	Bhiwani	0.00%	89.58%	10.42%	10.42%	803	767	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	754	773
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	789	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	766	781
	Meerut	0.00%	74.79%	21.18%	21.18%	808	771	791
	Moga	0.00%	99.31%	0.69%	0.69%	801	766	784
Phagi	0.00%	100.00%	0.00%	0.00%	800	760	782	
Unnao	0.00%	100.00%	0.00%	0.00%	774	747	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	759	776
	Aurangabad	0.00%	83.89%	16.11%	16.11%	808	759	790
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	769	780
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	760	766
	Bina	0.00%	99.93%	0.07%	0.07%	800	768	786
	Champa	0.00%	50.90%	42.22%	42.22%	805	785	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	773	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	759	783
	Gwalior	0.00%	99.44%	0.56%	0.56%	801	755	781
	Indore	0.00%	100.00%	0.00%	0.00%	792	766	779
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	792	792
	Koradi	0.00%	100.00%	0.00%	0.00%	768	745	757
	Pune	0.00%	100.00%	0.00%	0.00%	785	744	766
	Raigarh PS (Kotra)	0.00%	91.11%	8.89%	8.89%	802	786	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	777	788
	Sasan	0.00%	100.00%	0.00%	0.00%	783	767	776
	Satna	0.00%	100.00%	0.00%	0.00%	798	768	784
	Seoni	0.00%	100.00%	0.00%	0.00%	796	772	787
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	764
	Sholapur	0.00%	63.89%	32.99%	32.99%	814	759	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	800	784	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	769	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	769	778	
Wardha	0.00%	89.65%	10.35%	10.35%	806	763	792	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	772	788
	Raichur	0.00%	88.19%	11.81%	11.81%	804	758	789
	Kurnool	0.00%	86.74%	13.26%	13.26%	806	762	791
	Thiruvalam	0.00%	64.75%	35.25%	35.25%	810	779	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	774	785
	Gaya	0.00%	100.00%	0.00%	0.00%	788	767	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	783	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	773	782
Sasaram	0.00%	100.00%	0.00%	0.00%	767	736	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	406
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	394	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409

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