

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

**Date of Reporting: 20-Apr-16  
System Reliability Indices Report for: 19-Apr-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	24	6.00	25.00
4	NEW-SR	5	1.25	5.21
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	1	0.25	0.01
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 19-Apr-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%	786	740	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	759	766
	Ballia	0.00%	100.00%	0.00%	0.00%	779	743	760
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	772	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	733	753
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	749	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	743	763
	Meerut	0.00%	99.72%	0.00%	0.00%	800	757	779
	Moga	0.00%	100.00%	0.00%	0.00%	793	756	773
Phagi	0.00%	100.00%	0.00%	0.00%	780	738	759	
Unnao	0.00%	100.00%	0.00%	0.00%	773	733	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	749	762
	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	749	769
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	737	758
	Bilaspur	0.00%	100.00%	0.00%	0.00%	765	750	759
	Bina	0.00%	100.00%	0.00%	0.00%	783	748	766
	Champa	0.00%	100.00%	0.00%	0.00%	791	772	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	755	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	757	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	744	767
	Indore	0.00%	100.00%	0.00%	0.00%	779	734	759
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	751	767
	Koradi	0.00%	100.00%	0.00%	0.00%	767	746	755
	Pune	0.00%	100.00%	0.00%	0.00%	788	740	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	786	772	780
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	777	768	776
	Sasan	0.00%	100.00%	0.00%	0.00%	768	756	761
	Satna	0.00%	100.00%	0.00%	0.00%	774	749	762
	Seoni	0.00%	100.00%	0.00%	0.00%	781	751	767
	Sipat	0.00%	100.00%	0.00%	0.00%	765	750	759
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	755	778
Tamnara PS	0.00%	100.00%	0.00%	0.00%	786	773	781	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	754	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	758	764	
Wardha	0.00%	100.00%	0.00%	0.00%	787	756	773	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	769	782
	Raichur	0.00%	99.24%	0.76%	0.76%	801	764	782
	Kurnool	0.00%	91.74%	8.26%	8.26%	808	772	788
	Thiruvalam	0.00%	90.35%	9.65%	9.65%	812	771	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	755	766
	Gaya	0.00%	100.00%	0.00%	0.00%	772	743	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	766	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	767	779
Sasaram	0.00%	100.00%	0.00%	0.00%	778	743	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	403
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	427	395	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	414

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