

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

**Date of Reporting: 5-Jun-16  
System Reliability Indices Report for: 4-Jun-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	34	8.50	35.42
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 04-Jun-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%	785	736	762
	Anpara-C	0.00%	100.00%	0.00%	0.00%	763	749	756
	Ballia	0.00%	100.00%	0.00%	0.00%	771	733	751
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	748	765
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	756	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	733	753
	Jhatikara	0.00%	100.00%	0.00%	0.00%	779	737	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	779	738	757
	Meerut	0.00%	100.00%	0.00%	0.00%	792	744	768
	Moga	0.00%	100.00%	0.00%	0.00%	782	746	763
Phagi	0.00%	100.00%	0.00%	0.00%	783	739	763	
Unnao	0.28%	99.72%	0.00%	0.28%	764	727	745	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	753	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	755	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	744	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	756	763
	Bina	0.00%	100.00%	0.00%	0.00%	782	749	769
	Champa	0.00%	100.00%	0.00%	0.00%	792	774	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	759	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	760	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	741	770
	Indore	0.00%	100.00%	0.00%	0.00%	771	742	756
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	753	770
	Koradi	0.00%	100.00%	0.00%	0.00%	773	746	762
	Pune	0.00%	100.00%	0.00%	0.00%	796	749	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	789	774	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	779	770	776
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	779	753	768
	Seoni	0.00%	100.00%	0.00%	0.00%	781	758	770
	Sipat	0.00%	100.00%	0.00%	0.00%	768	756	762
	Sholapur	0.00%	75.83%	21.94%	21.94%	808	770	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	789	775	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	751	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	762	767	
Wardha	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	775	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	774	781
	Raichur	0.00%	85.83%	14.17%	14.17%	805	776	791
	Kurnool	0.00%	73.13%	26.88%	26.88%	808	783	796
	Thiruvalam	0.00%	81.04%	18.96%	18.96%	804	783	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	759	768
	Gaya	0.00%	100.00%	0.00%	0.00%	771	733	750
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	769	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	769	780
Sasaram	0.00%	100.00%	0.00%	0.00%	771	736	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	402	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409

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