

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

**Date of Reporting: 19-Jun-16  
System Reliability Indices Report for: 18-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	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	Import of NR	56	14.00	58.33
4	NEW-SR	4	1.00	4.17
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	6	1.50	6.25
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 18-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	745	762
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	751	761
	Ballia	0.00%	100.00%	0.00%	0.00%	782	745	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	757	770
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	738	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	739	755
	Jhatikara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	760	760	760
	Meerut	0.00%	100.00%	0.00%	0.00%	797	757	773
	Moga	0.00%	100.00%	0.00%	0.00%	784	754	766
Phagi	0.00%	100.00%	0.00%	0.00%	783	746	755	
Unnao	0.00%	100.00%	0.00%	0.00%	773	732	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	759	771
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	762	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	747	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	786	756	769
	Champa	0.00%	100.00%	0.00%	0.00%	797	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	764	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	759	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	753	769
	Indore	0.00%	100.00%	0.00%	0.00%	790	750	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	761	773
	Koradi	0.00%	100.00%	0.00%	0.00%	769	748	759
	Pune	0.00%	100.00%	0.00%	0.00%	796	744	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	781	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	774	759	765
	Satna	0.00%	100.00%	0.00%	0.00%	781	756	766
	Seoni	0.00%	100.00%	0.00%	0.00%	783	774	780
	Sipat	0.00%	100.00%	0.00%	0.00%	768	757	762
	Sholapur	0.00%	81.39%	14.24%	14.24%	809	769	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	780	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	755	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	761	768	
Wardha	0.00%	100.00%	0.00%	0.00%	800	771	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	773	782
	Raichur	0.00%	82.64%	17.36%	17.36%	809	771	791
	Kurnool	0.00%	76.25%	23.75%	23.75%	812	778	794
	Thiruvalam	0.00%	77.33%	22.67%	22.67%	804	779	793
ER	Angul	0.00%	99.93%	0.07%	0.07%	806	749	769
	Gaya	0.00%	100.00%	0.00%	0.00%	778	744	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	773	782
Sasaram	0.00%	100.00%	0.00%	0.00%	787	741	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	Misa (400 kV)	0.00%	99.79%	0.21%	0.21%	420	401	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	409	409	409

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