

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

**Date of Reporting: 2-Jun-16  
System Reliability Indices Report for: 1-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	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	Import of NR	32	8.00	33.33
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 01-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%	784	748	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	757	764
	Ballia	0.00%	100.00%	0.00%	0.00%	780	743	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	752	772
	Bareilly	0.00%	100.00%	0.00%	0.00%	759	759	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	739	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	780	748	764
	Lucknow	0.00%	100.00%	0.00%	0.00%	778	737	763
	Meerut	0.00%	100.00%	0.00%	0.00%	794	754	775
	Moga	0.00%	100.00%	0.00%	0.00%	788	754	771
Phagi	0.00%	100.00%	0.00%	0.00%	778	744	760	
Unnao	0.00%	100.00%	0.00%	0.00%	787	739	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	757	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	764	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	742	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	778	751	765
	Champa	0.00%	81.46%	13.68%	13.68%	805	788	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	766	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	761	761	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	751	767
	Indore	0.00%	100.00%	0.00%	0.00%	779	744	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	756	769
	Koradi	0.00%	100.00%	0.00%	0.00%	776	754	766
	Pune	0.00%	100.00%	0.00%	0.00%	799	744	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	784	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	770	781
	Sasan	0.00%	100.00%	0.00%	0.00%	768	755	761
	Satna	0.00%	100.00%	0.00%	0.00%	773	751	761
	Seoni	0.00%	100.00%	0.00%	0.00%	783	759	772
	Sipat	0.00%	100.00%	0.00%	0.00%	771	759	764
	Sholapur	0.00%	84.58%	12.71%	12.71%	811	765	790
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	784	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	752	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	758	764	
Wardha	0.00%	100.00%	0.00%	0.00%	798	762	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	772	782
	Raichur	0.00%	75.83%	24.17%	24.17%	812	773	793
	Kurnool	0.00%	59.86%	40.14%	40.14%	814	780	797
	Thiruvalam	0.00%	78.33%	21.67%	21.67%	811	782	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	750	767
	Gaya	0.00%	100.00%	0.00%	0.00%	780	745	762
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	775	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	775	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	745	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	94.83%	5.17%	5.17%	422	394	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	409
	Misa (400 kV)	0.00%	92.50%	7.50%	7.50%	423	397	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	410

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