

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

**Date of Reporting: 8-Jun-16  
System Reliability Indices Report for: 7-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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	10.42
4	NEW-SR	3	0.75	3.13
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 07-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%	794	730	765
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	751	759
	Ballia	0.00%	100.00%	0.00%	0.00%	793	730	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	775	759	767
	Bareilly	3.19%	96.81%	0.00%	3.19%	760	718	752
	Fatehpur	0.97%	98.15%	0.00%	0.97%	795	720	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	783	741	764
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	728	762
	Meerut	0.00%	100.00%	0.00%	0.00%	797	740	772
	Moga	0.00%	100.00%	0.00%	0.00%	786	744	767
	Phagi	0.00%	100.00%	0.00%	0.00%	782	739	762
Unnao	2.57%	97.43%	0.00%	2.57%	779	724	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	749	765
	Aurangabad	0.00%	99.17%	0.83%	0.83%	802	747	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	742	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	757	764
	Bina	0.00%	100.00%	0.00%	0.00%	786	751	769
	Champa	0.00%	100.00%	0.00%	0.00%	794	777	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	762	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	753	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	741	769
	Indore	0.00%	100.00%	0.00%	0.00%	797	749	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	758	773
	Koradi	0.00%	100.00%	0.00%	0.00%	766	741	754
	Pune	0.00%	97.71%	0.00%	0.00%	800	747	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	777	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	766	775
	Sasan	0.00%	100.00%	0.00%	0.00%	773	749	763
	Satna	0.00%	100.00%	0.00%	0.00%	779	748	766
	Seoni	0.00%	100.00%	0.00%	0.00%	787	759	773
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	763
	Sholapur	0.00%	80.63%	17.78%	17.78%	815	758	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	778	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	747	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	759	766	
Wardha	0.00%	100.00%	0.00%	0.00%	797	758	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	770	784
	Raichur	0.00%	75.35%	24.65%	24.65%	813	765	791
	Kurnool	0.00%	65.42%	34.58%	34.58%	815	774	796
	Thiruvalam	0.00%	67.29%	32.71%	32.71%	809	772	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	760	768
	Gaya	0.00%	100.00%	0.00%	0.00%	786	735	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	772	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	772	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	797	736	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	406	405	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	409

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