

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

**Date of Reporting: 24-Jul-16  
System Reliability Indices Report for: 23-Jul-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	19	4.75	19.79
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	22.92
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 23-Jul-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%	793	756	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	759	763
	Ballia	0.00%	98.13%	1.88%	1.88%	802	767	782
	Bhiwani	0.00%	97.08%	2.92%	2.92%	803	765	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	761	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	89.38%	10.63%	10.63%	806	767	785
	Meerut	0.00%	88.40%	10.42%	10.42%	811	767	787
	Moga	0.00%	99.86%	0.14%	0.14%	800	767	782
Phagi	0.00%	100.00%	0.00%	0.00%	785	757	770	
Unnao	0.00%	100.00%	0.00%	0.00%	783	742	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	752	768
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	757	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	752	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	765	771
	Bina	0.00%	100.00%	0.00%	0.00%	788	761	773
	Champa	0.00%	98.54%	0.83%	0.83%	803	786	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	773	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	762	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	759	776
	Indore	0.00%	100.00%	0.00%	0.00%	785	755	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	766	775
	Koradi	0.00%	100.00%	0.00%	0.00%	760	739	751
	Pune	0.00%	100.00%	0.00%	0.00%	778	737	759
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	787	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	776	784
	Sasan	0.00%	100.00%	0.00%	0.00%	769	757	762
	Satna	0.00%	100.00%	0.00%	0.00%	778	756	767
	Seoni	0.00%	100.00%	0.00%	0.00%	787	787	787
	Sipat	0.00%	100.00%	0.00%	0.00%	775	764	769
	Sholapur	0.00%	82.15%	12.57%	12.57%	806	769	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	786	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	756	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	764	
Wardha	0.00%	99.38%	0.63%	0.63%	802	764	786	
SR	Nellore PS	0.00%	93.89%	6.11%	6.11%	803	780	793
	Raichur	0.00%	82.29%	17.71%	17.71%	806	774	795
	Kurnool	0.00%	33.89%	66.11%	66.11%	814	783	802
	Thiruvalam	0.00%	19.44%	80.56%	80.56%	816	786	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	771	781
	Gaya	0.00%	100.00%	0.00%	0.00%	795	765	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	774	785
Sasaram	0.00%	100.00%	0.00%	0.00%	782	740	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	405	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	406	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	405	412

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