

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

**Date of Reporting: 22-Jul-16  
System Reliability Indices Report for: 21-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	35	8.75	36.46
2	ER-NR	0	0.00	0.00
3	Import of NR	31	7.75	32.29
4	NEW-SR	6	1.50	6.25
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	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
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 21-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%	791	745	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	755	763
	Ballia	0.00%	100.00%	0.00%	0.00%	794	760	776
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	763	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	739	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	760	775
	Meerut	0.00%	96.60%	1.32%	1.32%	803	764	784
	Moga	0.00%	100.00%	0.00%	0.00%	793	760	777
Phagi	0.00%	100.00%	0.00%	0.00%	790	751	771	
Unnao	0.00%	100.00%	0.00%	0.00%	773	739	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	748	768
	Aurangabad	0.00%	98.19%	1.81%	1.81%	804	749	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	749	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	763	769
	Bina	0.00%	100.00%	0.00%	0.00%	784	751	770
	Champa	0.00%	96.11%	0.69%	0.69%	802	784	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	770	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	759	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	748	773
	Indore	0.00%	100.00%	0.00%	0.00%	782	758	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	757	771
	Koradi	0.00%	100.00%	0.00%	0.00%	762	737	752
	Pune	0.00%	100.00%	0.00%	0.00%	778	732	758
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	784	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	775	784
	Sasan	0.00%	100.00%	0.00%	0.00%	772	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	779	752	768
	Seoni	0.00%	100.00%	0.00%	0.00%	787	787	787
	Sipat	0.00%	100.00%	0.00%	0.00%	773	762	767
	Sholapur	0.00%	79.10%	17.92%	17.92%	806	758	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	760	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	757	767	
Wardha	0.00%	98.26%	1.74%	1.74%	803	760	788	
SR	Nellore PS	0.00%	88.54%	11.46%	11.46%	806	774	792
	Raichur	0.00%	87.15%	12.85%	12.85%	806	759	793
	Kurnool	0.00%	40.21%	59.79%	59.79%	816	772	801
	Thiruvalam	0.00%	36.18%	63.82%	63.82%	819	781	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	767	778
	Gaya	0.00%	100.00%	0.00%	0.00%	788	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	776	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	778
Sasaram	0.00%	100.00%	0.00%	0.00%	778	735	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	99.43%	0.57%	0.57%	422	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Misa (400 kV)	0.00%	89.79%	10.21%	10.21%	425	397	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410

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