

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

**Date of Reporting: 26-Jul-16  
System Reliability Indices Report for: 25-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	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	Import of NR	28	7.00	29.17
4	NEW-SR	11	2.75	11.46
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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
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 25-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%	794	758	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	759	765
	Ballia	0.00%	100.00%	0.00%	0.00%	798	766	779
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	765	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	755	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	99.93%	0.07%	0.07%	800	764	780
	Meerut	0.00%	98.13%	1.04%	1.04%	805	770	786
	Moga	0.00%	100.00%	0.00%	0.00%	794	768	777
Phagi	0.00%	100.00%	0.00%	0.00%	790	758	771	
Unnao	0.00%	100.00%	0.00%	0.00%	768	739	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	749	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	748	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	761	769
	Bina	0.00%	100.00%	0.00%	0.00%	787	759	772
	Champa	0.00%	99.93%	0.00%	0.00%	800	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	768	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	759	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	774
	Indore	0.00%	100.00%	0.00%	0.00%	784	746	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	764	776
	Koradi	0.00%	100.00%	0.00%	0.00%	762	737	748
	Pune	0.63%	99.31%	0.00%	0.63%	800	723	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	782	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	780	757	767
	Seoni	0.00%	100.00%	0.00%	0.00%	787	765	780
	Sipat	0.00%	100.00%	0.00%	0.00%	773	760	768
	Sholapur	0.00%	89.65%	8.06%	8.06%	807	763	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	780	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	753	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	759	766	
Wardha	0.00%	99.79%	0.21%	0.21%	802	763	783	
SR	Nellore PS	0.00%	93.82%	6.18%	6.18%	803	778	790
	Raichur	0.00%	95.69%	4.31%	4.31%	806	768	791
	Kurnool	0.00%	54.24%	45.76%	45.76%	813	779	799
	Thiruvalam	0.00%	52.01%	47.99%	47.99%	815	787	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	771	780
	Gaya	0.00%	100.00%	0.00%	0.00%	790	764	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	774	783
Sasaram	0.00%	100.00%	0.00%	0.00%	768	741	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	409
	Balipara (400 kV)	0.00%	99.17%	0.83%	0.83%	421	397	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	409
	Misa (400 kV)	0.00%	90.76%	9.24%	9.24%	425	402	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	412

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