

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

**Date of Reporting: 25-Jun-16
System Reliability Indices Report for: 24-Jun-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	20	5.00	20.83
2	ER-NR	0	0.00	0.00
3	Import of NR	45	11.25	46.88
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	18	4.50	18.75
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 24-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%	769	731	753
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	746	756
	Ballia	0.00%	100.00%	0.00%	0.00%	773	730	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	746	769
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	1.39%	98.47%	0.00%	1.39%	772	725	750
	Jhatikara	0.00%	100.00%	0.00%	0.00%	783	738	762
	Lucknow	0.00%	100.00%	0.00%	0.00%	782	737	759
	Meerut	0.00%	100.00%	0.00%	0.00%	798	750	776
	Moga	0.00%	100.00%	0.00%	0.00%	775	747	768
	Phagi	0.00%	100.00%	0.00%	0.00%	778	736	766
Unnao	5.00%	95.00%	0.00%	5.00%	763	720	741	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	759	775
	Aurangabad	0.00%	98.40%	1.60%	1.60%	802	753	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	742	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	761	766
	Bina	0.00%	100.00%	0.00%	0.00%	782	749	768
	Champa	0.00%	93.96%	1.32%	1.32%	802	786	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	788	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	743	766
	Indore	0.00%	100.00%	0.00%	0.00%	784	746	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	751	769
	Koradi	0.00%	100.00%	0.00%	0.00%	771	750	763
	Pune	0.00%	82.08%	0.00%	0.00%	800	770	789
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	786	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	775	785
	Sasan	0.00%	100.00%	0.00%	0.00%	771	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	776	750	765
	Seoni	0.00%	100.00%	0.00%	0.00%	789	768	780
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	765
	Sholapur	0.00%	39.38%	56.46%	56.46%	814	773	801
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	786	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	753	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	761	766	
Wardha	0.00%	95.35%	4.65%	4.65%	805	765	791	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	779	788
	Raichur	0.00%	67.50%	32.50%	32.50%	807	778	796
	Kurnool	0.00%	68.68%	31.32%	31.32%	808	783	796
	Thiruvalam	0.00%	43.75%	56.25%	56.25%	816	790	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	769	779
	Gaya	0.00%	100.00%	0.00%	0.00%	770	730	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	775	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	772	784
Sasaram	0.00%	100.00%	0.00%	0.00%	788	730	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	381	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	421	386	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409

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