

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

**Date of Reporting: 11-Jul-16
System Reliability Indices Report for: 10-Jul-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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
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	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 10-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%	798	752	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	766
	Ballia	0.00%	100.00%	0.00%	0.00%	793	754	774
	Bhiwani	0.00%	99.44%	0.56%	0.56%	802	761	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	747	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	756	780
	Meerut	0.00%	92.22%	6.11%	6.11%	806	764	787
	Moga	0.00%	100.00%	0.00%	0.00%	798	760	780
Phagi	0.00%	100.00%	0.00%	0.00%	798	759	781	
Unnao	0.00%	100.00%	0.00%	0.00%	778	739	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	767	773
	Aurangabad	0.00%	94.03%	5.97%	5.97%	803	780	793
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	764	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	767	774
	Bina	0.00%	100.00%	0.00%	0.00%	795	765	781
	Champa	0.00%	24.03%	62.01%	62.01%	808	794	801
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	776	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	775	787
	Gwalior	0.00%	99.79%	0.21%	0.21%	801	759	783
	Indore	0.00%	100.00%	0.00%	0.00%	791	768	779
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	770	783
	Koradi	0.00%	100.00%	0.00%	0.00%	760	750	755
	Pune	0.00%	100.00%	0.00%	0.00%	786	758	771
	Raigarh PS (Kotra)	0.00%	35.28%	64.72%	64.72%	806	795	801
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	781	791
	Sasan	0.00%	100.00%	0.00%	0.00%	782	765	775
	Satna	0.00%	100.00%	0.00%	0.00%	795	765	783
	Seoni	0.00%	100.00%	0.00%	0.00%	791	782	787
	Sipat	0.00%	100.00%	0.00%	0.00%	776	767	772
	Sholapur	0.00%	48.26%	44.65%	44.65%	812	783	799
Tamnara PS	0.00%	79.38%	20.63%	20.63%	803	792	798	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	771	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	770	778	
Wardha	0.00%	99.17%	0.83%	0.83%	802	780	791	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	778	789
	Raichur	0.00%	72.29%	27.71%	27.71%	811	777	795
	Kurnool	0.00%	76.25%	23.75%	23.75%	811	777	795
	Thiruvalam	0.00%	34.38%	65.63%	65.63%	810	790	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	775	786
	Gaya	0.00%	100.00%	0.00%	0.00%	786	749	769
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	800	786	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	780	792
Sasaram	1.04%	98.96%	0.00%	1.04%	790	723	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409
	Balipara (400 kV)	0.00%	93.54%	6.46%	6.46%	422	400	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	Misa (400 kV)	0.00%	90.28%	9.72%	9.72%	424	403	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	412

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