

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

**Date of Reporting: 14-Jun-16
System Reliability Indices Report for: 13-Jun-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	Import of NR	47	11.75	48.96
4	NEW-SR	1	0.25	1.04
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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	12	3.00	12.50
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 13-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%	793	739	763
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	753	762
	Ballia	0.00%	100.00%	0.00%	0.00%	786	740	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	751	769
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	736	755
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	744	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	745	762
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	731	762
	Meerut	0.00%	93.89%	5.56%	5.56%	811	753	773
	Moga	0.00%	100.00%	0.00%	0.00%	790	751	765
Phagi	0.00%	100.00%	0.00%	0.00%	787	744	763	
Unnao	0.00%	100.00%	0.00%	0.00%	773	729	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	755	768
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	761	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	739	761
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	753	762
	Bina	0.00%	100.00%	0.00%	0.00%	789	748	768
	Champa	0.00%	100.00%	0.00%	0.00%	794	775	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	755	767
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	757	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	748	769
	Indore	0.00%	100.00%	0.00%	0.00%	783	742	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	760	771
	Koradi	0.00%	100.00%	0.00%	0.00%	767	747	757
	Pune	0.00%	98.61%	0.00%	0.00%	800	759	782
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	776	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	778	766	776
	Sasan	0.00%	100.00%	0.00%	0.00%	776	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	752	766
	Seoni	0.00%	100.00%	0.00%	0.00%	782	758	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	753	760
	Sholapur	0.00%	60.49%	35.14%	35.14%	809	778	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	777	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	749	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	761	768	
Wardha	0.00%	100.00%	0.00%	0.00%	797	763	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	774	783
	Raichur	0.00%	85.97%	14.03%	14.03%	806	773	791
	Kurnool	0.00%	78.40%	21.60%	21.60%	810	780	793
	Thiruvalam	0.00%	76.46%	23.54%	23.54%	811	780	792
ER	Angul	0.00%	99.86%	0.14%	0.14%	808	728	765
	Gaya	0.00%	100.00%	0.00%	0.00%	780	745	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	767	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	764	777
Sasaram	0.00%	100.00%	0.00%	0.00%	787	743	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	404	406
	Balipara (400 kV)	0.00%	94.03%	5.97%	5.97%	422	398	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	408
	Misa (400 kV)	0.00%	86.81%	13.19%	13.19%	423	400	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	411

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