

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

**Date of Reporting: 18-Jul-16
System Reliability Indices Report for: 17-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	12	3.00	12.50
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 17-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%	763	763	763
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	762	776
	Ballia	0.00%	99.51%	0.49%	0.49%	801	755	783
	Bhiwani	0.00%	74.31%	25.69%	25.69%	806	771	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	738	764
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	61.32%	38.68%	38.68%	819	764	795
	Meerut	0.00%	72.43%	24.03%	24.03%	811	765	790
	Moga	0.00%	96.60%	3.40%	3.40%	802	770	788
Phagi	0.00%	89.51%	10.49%	10.49%	800	762	784	
Unnao	0.00%	100.00%	0.00%	0.00%	784	742	767	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	751	769
	Aurangabad	0.00%	99.72%	0.28%	0.28%	803	749	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	754	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	764	773
	Bina	0.00%	100.00%	0.00%	0.00%	794	755	779
	Champa	0.00%	68.13%	20.49%	20.49%	808	785	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	770	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	744	774
	Gwalior	0.00%	89.24%	10.76%	10.76%	804	753	785
	Indore	0.00%	100.00%	0.00%	0.00%	785	757	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	762	780
	Koradi	0.00%	100.00%	0.00%	0.00%	763	739	752
	Pune	0.00%	100.00%	0.00%	0.00%	783	740	762
	Raigarh PS (Kotra)	0.00%	84.93%	15.07%	15.07%	804	785	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	777	786
	Sasan	0.00%	100.00%	0.00%	0.00%	784	762	776
	Satna	0.00%	100.00%	0.00%	0.00%	796	764	785
	Seoni	0.00%	100.00%	0.00%	0.00%	793	773	784
	Sipat	0.00%	100.00%	0.00%	0.00%	776	762	771
	Sholapur	0.00%	94.72%	5.00%	5.00%	805	760	786
Tamnara PS	0.00%	96.53%	3.47%	3.47%	802	784	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	765	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	765	778	
Wardha	0.00%	97.08%	2.92%	2.92%	807	765	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	775	787
	Raichur	0.00%	96.67%	3.33%	3.33%	806	764	786
	Kurnool	0.00%	92.15%	7.85%	7.85%	808	772	791
	Thiruvalam	0.00%	46.88%	53.13%	53.13%	812	787	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	770	784
	Gaya	0.00%	100.00%	0.00%	0.00%	796	757	781
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	768	785
	Sasaram	0.76%	99.24%	0.00%	0.76%	785	726	752
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	412

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