

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 17-Jul-16
System Reliability Indices Report for: 16-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	26	6.50	27.08
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 16-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%	783	750	761
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	755	770
	Ballia	0.00%	100.00%	0.00%	0.00%	795	755	776
	Bhiwani	0.00%	85.76%	14.24%	14.24%	804	767	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	739	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	94.38%	5.63%	5.63%	804	759	784
	Meerut	0.00%	86.46%	11.39%	11.39%	807	768	788
	Moga	0.00%	100.00%	0.00%	0.00%	799	762	781
Phagi	0.00%	95.90%	4.10%	4.10%	802	762	785	
Unnao	0.00%	100.00%	0.00%	0.00%	779	738	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	752	771
	Aurangabad	0.00%	99.44%	0.56%	0.56%	801	748	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	762	772
	Bina	0.00%	97.43%	2.57%	2.57%	801	760	786
	Champa	0.00%	79.17%	17.92%	17.92%	806	785	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	768	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	763	784
	Gwalior	0.00%	89.44%	10.56%	10.56%	804	762	787
	Indore	0.00%	100.00%	0.00%	0.00%	791	754	775
	Jabalpur	0.00%	95.28%	4.72%	4.72%	802	762	787
	Koradi	0.00%	100.00%	0.00%	0.00%	766	739	754
	Pune	0.00%	100.00%	0.00%	0.00%	793	737	769
	Raigarh PS (Kotra)	0.00%	82.64%	17.36%	17.36%	803	785	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	779	784
	Sasan	0.00%	100.00%	0.00%	0.00%	783	762	777
	Satna	0.00%	100.00%	0.00%	0.00%	796	764	786
	Seoni	0.00%	100.00%	0.00%	0.00%	794	777	784
	Sipat	0.00%	100.00%	0.00%	0.00%	778	760	770
	Sholapur	0.00%	84.03%	15.42%	15.42%	808	749	787
Tamnara PS	0.00%	98.19%	1.81%	1.81%	801	784	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	763	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	766	780	
Wardha	0.00%	100.00%	0.00%	0.00%	796	763	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	762	781
	Raichur	0.00%	100.00%	0.00%	0.00%	799	742	780
	Kurnool	0.00%	89.17%	10.83%	10.83%	806	754	787
	Thiruvalam	0.00%	75.83%	24.17%	24.17%	806	772	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	770	782
	Gaya	0.00%	100.00%	0.00%	0.00%	792	758	775
	Jharsuguda	0.00%	95.14%	4.86%	4.86%	801	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	765	783
Sasaram	5.07%	94.93%	0.00%	5.07%	787	717	749	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	411
	Misa (400 kV)	0.00%	99.17%	0.83%	0.83%	420	403	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412

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