

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **3-Oct-16**
System Reliability Indices Report for: **2-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	Import of NR	21	5.25	21.88
4	NEW-SR	0	0.00	0.00
5	ER-NER	39	9.75	40.63

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	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
4	ER-NER	33	8.25	34.38

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 02-Oct-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%	790	753	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	750	765
	Ballia	0.00%	100.00%	0.00%	0.00%	785	752	770
	Bhiwani	0.00%	98.13%	1.88%	1.88%	802	772	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	739	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	765	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	752	771
	Meerut	0.00%	96.88%	1.81%	1.81%	802	765	786
	Moga	0.00%	100.00%	0.00%	0.00%	794	768	781
Phagi	0.00%	100.00%	0.00%	0.00%	799	765	783	
Unnao	0.00%	100.00%	0.00%	0.00%	767	736	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	751	767
	Aurangabad	0.00%	95.35%	4.65%	4.65%	806	764	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	769	780
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	759	769
	Bina	0.00%	100.00%	0.00%	0.00%	799	774	789
	Champa	0.00%	94.72%	1.60%	1.60%	803	786	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	781	781
	Dhule (BDTCL)	0.00%	96.74%	3.26%	3.26%	803	762	787
	Gwalior	0.00%	99.10%	0.90%	0.90%	802	764	786
	Indore	0.00%	100.00%	0.00%	0.00%	791	769	781
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	776	789
	Koradi	0.00%	100.00%	0.00%	0.00%	758	739	751
	Pune	0.00%	100.00%	0.00%	0.00%	785	744	766
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	784	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	782	784
	Sasan	0.00%	100.00%	0.00%	0.00%	789	774	782
	Satna	0.00%	100.00%	0.00%	0.00%	798	776	790
	Seoni	0.00%	100.00%	0.00%	0.00%	797	775	785
	Sipat	0.00%	100.00%	0.00%	0.00%	775	759	767
	Sholapur	0.00%	78.96%	21.04%	21.04%	810	773	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	785	791	
Tirora	0.00%	100.00%	0.00%	0.00%	759	743	752	
Vadodara	0.00%	99.65%	0.35%	0.35%	801	776	788	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	777	785	
Wardha	0.00%	98.19%	1.81%	1.81%	806	773	789	
SR	Nellore PS	0.00%	99.31%	0.69%	0.69%	801	781	793
	Raichur	0.00%	90.76%	9.24%	9.24%	807	771	793
	Kurnool	0.00%	71.53%	28.47%	28.47%	809	780	797
	Thiruvalam	0.00%	18.26%	81.74%	81.74%	809	790	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	764	772
	Gaya	0.00%	100.00%	0.00%	0.00%	783	750	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	777	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	766	782
Sasaram	0.00%	100.00%	0.00%	0.00%	766	728	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	388	398
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407

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