

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-Nov-16**
System Reliability Indices Report for: **19-Nov-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	5	1.25	5.21
4	NEW-SR	48	12.00	50.00
5	NER Import	3	0.75	3.13

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	NER Import	3	0.75	3.13

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 19-Nov-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%	795	746	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	757	764
	Ballia	0.00%	100.00%	0.00%	0.00%	789	760	777
	Bhiwani	0.00%	68.96%	31.04%	31.04%	811	762	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	737	760
	Jhatikara	0.00%	76.32%	23.68%	23.68%	807	758	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	764	785
	Meerut	0.00%	89.72%	9.17%	9.17%	812	760	785
	Moga	0.00%	94.31%	5.69%	5.69%	806	763	775
Phagi	0.00%	98.82%	1.18%	1.18%	803	753	781	
Unnao	0.00%	100.00%	0.00%	0.00%	770	734	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	744	770
	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	748	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	744	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	754	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	751	774
	Champa	0.00%	99.79%	0.21%	0.21%	801	783	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	759	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	750	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	749	778
	Indore	0.00%	100.00%	0.00%	0.00%	786	747	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	754	774
	Koradi	0.00%	100.00%	0.00%	0.00%	776	742	760
	Pune	0.00%	100.00%	0.00%	0.00%	792	734	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	778	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	771	771	771
	Sasan	0.00%	100.00%	0.00%	0.00%	772	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	782	752	771
	Seoni	0.00%	100.00%	0.00%	0.00%	790	755	775
	Sipat	0.00%	100.00%	0.00%	0.00%	773	755	765
	Sholapur	0.00%	99.51%	0.49%	0.49%	802	752	779
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	779	788	
Tirora	0.00%	100.00%	0.00%	0.00%	770	746	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	761	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	768	
Wardha	0.00%	99.31%	0.69%	0.69%	802	759	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	773	781
	Raichur	0.00%	100.00%	0.00%	0.00%	797	764	780
	Kurnool	0.00%	99.58%	0.42%	0.42%	801	774	787
	Thiruvalam	0.00%	98.61%	1.39%	1.39%	801	781	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	767	775
	Gaya	0.00%	100.00%	0.00%	0.00%	787	758	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	771	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	763	777
Sasaram	0.00%	100.00%	0.00%	0.00%	777	729	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	423	389	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	408
	Misa (400 kV)	0.00%	72.01%	27.99%	27.99%	427	397	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	412

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