

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 12-Jan-17
System Reliability Indices Report for: 11-Jan-17

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	44	11.00	45.83
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	4	1.00	4.17
5	NER Import	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	8	2.00	8.33
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	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 11-Jan-2017

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	746	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	751	760
	Ballia	0.00%	100.00%	0.00%	0.00%	781	751	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	770	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	734	754
	Jhatikara	0.00%	99.03%	0.97%	0.97%	802	763	774
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	762	781
	Meerut	0.00%	94.44%	4.03%	4.03%	807	760	782
	Moga	0.00%	100.00%	0.00%	0.00%	799	762	782
Phagi	0.00%	100.00%	0.00%	0.00%	795	751	772	
Unnao	0.00%	100.00%	0.00%	0.00%	776	738	756	
WR	Akola	0.00%	99.93%	0.07%	0.07%	801	761	776
	Aurangabad	0.00%	99.51%	0.49%	0.49%	802	757	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	753	763
	Bina	0.00%	100.00%	0.00%	0.00%	794	756	775
	Champa	0.00%	83.19%	13.26%	13.26%	805	781	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	769	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	758	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	752	772
	Indore	0.00%	100.00%	0.00%	0.00%	789	755	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	766	784
	Koradi	0.00%	100.00%	0.00%	0.00%	787	757	770
	Pune	0.00%	99.51%	0.00%	0.00%	800	750	767
	Raigarh PS (Kotra)	0.00%	92.99%	7.01%	7.01%	804	777	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	797	770	787
	Sasan	0.00%	100.00%	0.00%	0.00%	779	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	788	753	768
	Seoni	0.00%	100.00%	0.00%	0.00%	790	756	774
	Sipat	0.00%	100.00%	0.00%	0.00%	771	751	761
	Sholapur	0.00%	99.10%	0.90%	0.90%	803	758	781
Tamnar PS	0.00%	97.71%	2.29%	2.29%	802	777	791	
Tirora	0.00%	100.00%	0.00%	0.00%	777	757	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	759	769	
Wardha	0.00%	98.40%	1.60%	1.60%	805	766	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	769	780
	Raichur	0.00%	100.00%	0.00%	0.00%	796	761	779
	Kurnool	0.00%	100.00%	0.00%	0.00%	795	765	779
	Thiruvalam	0.00%	85.69%	14.31%	14.31%	803	778	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	770	778
	Gaya	0.00%	100.00%	0.00%	0.00%	785	751	769
	Jharsuguda	0.00%	95.21%	4.79%	4.79%	803	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	771	784
Sasaram	0.00%	100.00%	0.00%	0.00%	791	732	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	388	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	Misa (400 kV)	0.00%	95.28%	4.72%	4.72%	425	396	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	412

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