

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

Date of Reporting: **22-Jan-17**
System Reliability Indices Report for: **21-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	40	10.00	41.67
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	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	Import of NR	9	2.25	9.38
4	NEW-SR	2	0.50	2.08
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 21-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	748	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	755	762
	Ballia	0.00%	100.00%	0.00%	0.00%	789	756	771
	Bhiwani	0.00%	81.74%	18.26%	18.26%	805	768	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	738	756
	Jhatikara	0.00%	83.13%	16.88%	16.88%	806	760	782
	Lucknow	0.00%	96.88%	3.13%	3.13%	802	765	782
	Meerut	0.00%	95.76%	2.92%	2.92%	811	766	785
	Moga	0.00%	100.00%	0.00%	0.00%	792	763	782
Phagi	0.00%	100.00%	0.00%	0.00%	797	756	776	
Unnao	0.00%	100.00%	0.00%	0.00%	781	734	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	796	755	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	755	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	752	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	750	760
	Bina	0.00%	100.00%	0.00%	0.00%	792	752	773
	Champa	0.00%	100.00%	0.00%	0.00%	797	776	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	762	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	758	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	754	776
	Indore	0.00%	100.00%	0.00%	0.00%	794	753	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	757	779
	Koradi	0.00%	100.00%	0.00%	0.00%	783	753	767
	Pune	0.00%	99.65%	0.00%	0.00%	800	747	772
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	775	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	778
	Sasan	0.00%	100.00%	0.00%	0.00%	780	755	767
	Satna	0.00%	100.00%	0.00%	0.00%	789	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	790	750	771
	Sipat	0.00%	100.00%	0.00%	0.00%	768	750	759
	Sholapur	0.00%	91.25%	8.75%	8.75%	808	762	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	776	755	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	99.79%	0.21%	0.21%	801	764	783	
SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	801	773	785
	Raichur	0.00%	93.47%	6.53%	6.53%	803	762	784
	Kurnool	0.00%	89.86%	10.14%	10.14%	805	768	786
	Thiruvalam	0.00%	56.94%	43.06%	43.06%	815	781	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	769	780
	Gaya	0.00%	100.00%	0.00%	0.00%	785	753	768
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	801	774	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	779
Sasaram	0.00%	100.00%	0.00%	0.00%	777	748	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408
	Misa (400 kV)	0.00%	98.75%	1.25%	1.25%	423	404	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	414

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