

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

**System Reliability Indices Report for the week from**  
**17-May-2020 to 23-May-2020**

Date: 29-May-2020

**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	54	13.50	8.04
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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	13	3.25	1.93
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 week from 17-May-2020 to 23-May-2020

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%	99.89%	0.11%	0.11%	804	743	777
	Agra (Fatehabad)	0.00%	84.75%	0.19%	0.19%	808	737	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	755	763
	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	755	763
	Anta	0.00%	100.00%	0.00%	0.00%	791	753	773
	Ballia	0.00%	100.00%	0.00%	0.00%	785	749	769
	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769
	Bhiwani	0.00%	99.19%	0.81%	0.81%	806	750	781
	Bareilly	0.00%	100.00%	0.00%	0.00%	796	745	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	800	738	767
	Greater Noida	0.00%	99.55%	0.45%	0.45%	804	752	779
	Jhatikara	0.00%	99.85%	0.15%	0.15%	805	744	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	752	774
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	744	774
	Meerut	0.00%	98.39%	1.61%	1.61%	808	747	778
	Moga	0.00%	100.00%	0.00%	0.00%	798	739	772
	Phagi	0.01%	99.83%	0.16%	0.17%	802	721	777
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	755	777
Unnao	0.00%	100.00%	0.00%	0.00%	781	734	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	741	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	754	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	751	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	786	763	774
	Bina	0.00%	100.00%	0.00%	0.00%	800	755	775
	Champa	0.00%	99.76%	0.24%	0.24%	803	773	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	765	778
	Gwalior	0.00%	99.86%	0.14%	0.14%	802	750	778
	Indore	0.00%	100.00%	0.00%	0.00%	793	757	773
	Jabalpur	0.00%	99.97%	0.03%	0.03%	801	765	782
	Koradi	0.00%	100.00%	0.00%	0.00%	781	747	765
	Pune	0.00%	100.00%	0.00%	0.00%	800	759	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	773	785
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	783	761	770
	Satna	0.00%	100.00%	0.00%	0.00%	791	758	774
	Seoni	0.00%	100.00%	0.00%	0.00%	797	765	780
	Sipat	0.00%	100.00%	0.00%	0.00%	784	766	774
	Solapur	0.00%	99.03%	0.97%	0.97%	804	761	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	776	787
Tirora	0.00%	100.00%	0.00%	0.00%	772	749	761	
Vadodara	0.00%	99.83%	0.17%	0.17%	802	762	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	802	762	772	
Wardha	0.00%	99.96%	0.04%	0.04%	802	762	780	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	747	774
	Nellore PS	0.00%	99.50%	0.50%	0.50%	802	756	779
	Raichur	0.00%	99.85%	0.15%	0.15%	800	753	778
	Nizamabad	0.00%	94.27%	5.73%	5.73%	807	766	789
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	752	778
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	752	778
	Vemagiri	0.00%	93.78%	6.22%	6.22%	809	753	784
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	750	771
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	771
	Jharsuguda	0.00%	97.71%	2.29%	2.29%	807	776	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	764	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	799	740	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	412
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	405
	Ranganadi (400 kV)	0.00%	99.79%	0.21%	0.21%	420	399	410
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	406

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