

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

**System Reliability Indices Report for the week from**  
**21-May-2018 to 27-May-2018**

Date: 1-Jun-2018

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	0.15
2	ER-NR	0	0.00	0.00
3	Import of NR	28	7.00	4.17
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	0	0.00	0.00
3	Import of NR	1	0.25	0.15
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 21-May-2018 to 27-May-2018

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%	791	743	767
	Anpara-C	0.00%	100.00%	100.00%	100.00%	771	753	761
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	752	760
	Anta	0.00%	100.00%	0.00%	0.00%	791	755	776
	Ballia	0.00%	100.00%	0.00%	0.00%	795	742	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	758	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	739	759
	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	751	771
	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	729	760
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	748	771
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	760	772
	Meerut	0.00%	99.36%	0.37%	0.37%	805	755	775
	Moga	0.50%	99.50%	0.00%	0.50%	791	718	769
	Phagi	0.00%	100.00%	0.00%	0.00%	790	740	774
Varanasi	0.00%	100.00%	0.00%	0.00%	799	741	769	
Unnao	0.00%	100.00%	0.00%	0.00%	776	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	754	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	755	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	742	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	756	775
	Champa	0.00%	100.00%	0.00%	0.00%	798	773	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	758	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	758	773
	Ektuni	0.00%	100.00%	0.00%	0.00%	791	753	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	753	776
	Indore	0.00%	100.00%	0.00%	0.00%	789	754	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	765	783
	Koradi	0.00%	100.00%	0.00%	0.00%	776	754	763
	Pune	0.00%	100.00%	0.00%	0.00%	796	744	771
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	778	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	766	783
	Sasan	0.00%	100.00%	0.00%	0.00%	773	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	780	752	766
	Seoni	0.00%	100.00%	0.00%	0.00%	791	764	778
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	764
Solapur	0.00%	99.14%	0.86%	0.86%	811	764	785	
Tamnar	0.00%	100.00%	0.00%	0.00%	797	781	791	
Tirora	0.00%	100.00%	0.00%	0.00%	770	753	760	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	755	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	759	765	
Wardha	0.00%	100.00%	0.00%	0.00%	797	765	783	
SR	Kurnool	0.00%	96.12%	3.88%	3.88%	805	763	785
	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	762	779
	Raichur	0.00%	95.83%	4.17%	4.17%	804	767	787
	Nizamabad	0.00%	82.38%	17.62%	17.62%	808	778	794
	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	768	782
	Thiruvalem	0.00%	75.20%	24.80%	24.80%	809	761	791
	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	768	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	765	775
	Gaya	0.00%	100.00%	0.00%	0.00%	799	744	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	755	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	756	772
	Sasaram	0.00%	100.00%	0.00%	0.00%	799	731	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	99.92%	0.08%	0.08%	422	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Palatana (400 kV)	0.00%	85.44%	12.78%	12.78%	422	415	405
	Misa (400 kV)	0.00%	99.91%	0.09%	0.09%	424	396	410
	Ranganadi (400 kV)	0.00%	99.92%	0.08%	0.08%	427	397	408
	Biswanath Chariali (400 kV)	0.00%	99.96%	0.03%	0.03%	423	395	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410

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