

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

**System Reliability Indices Report for the week from**  
**12-Apr-2020 to 18-Apr-2020**

Date: 24-Apr-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	0	0.00	0.00
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	0	0.00	0.00
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 12-Apr-2020 to 18-Apr-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%	100.00%	0.00%	0.00%	798	743	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	753	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	753	765
	Anta	0.00%	100.00%	0.00%	0.00%	800	758	776
	Ballia	0.00%	100.00%	0.00%	0.00%	791	743	770
	Bhiwani	0.00%	99.84%	0.16%	0.16%	802	734	775
	Bareilly	0.00%	97.29%	2.71%	2.71%	805	741	779
	Fatehpur	0.42%	99.49%	0.00%	0.42%	789	718	762
	Greater Noida	0.00%	93.86%	6.14%	6.14%	811	748	785
	Jhatikara	0.00%	99.87%	0.13%	0.13%	801	738	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	740	772
	Lucknow	0.00%	99.98%	0.02%	0.02%	801	741	775
	Lalitpur	0.71%	34.14%	0.00%	0.71%	770	715	609
	Meerut	0.00%	99.53%	0.47%	0.47%	806	737	778
	Moga	0.00%	99.97%	0.03%	0.03%	802	728	768
	Phagi	0.00%	100.00%	0.00%	0.00%	799	747	774
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	747	776
Unnao	0.00%	100.00%	0.00%	0.00%	783	731	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	795	756	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	749	771
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	782	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	792	755	772
	Champa	0.00%	100.00%	0.00%	0.00%	794	769	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	758	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	753	777
	Indore	0.00%	100.00%	0.00%	0.00%	792	752	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	760	773
	Koradi	0.00%	100.00%	0.00%	0.00%	780	750	765
	Pune	0.00%	100.00%	0.00%	0.00%	800	754	780
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	790	767	777
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	781	753	766
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	786	757	772
	Seoni	0.00%	100.00%	0.00%	0.00%	792	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	781	758	767
	Solapur	0.00%	99.68%	0.32%	0.32%	806	754	777
	Tamnar	0.00%	100.00%	0.00%	0.00%	792	769	780
Tirora	0.00%	100.00%	0.00%	0.00%	772	750	761	
Vadodara	0.00%	99.95%	0.05%	0.05%	801	774	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	801	774	767	
Wardha	0.00%	100.00%	0.00%	0.00%	801	774	771	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	793	748	766
	Nellore PS	0.00%	100.00%	0.00%	0.00%	781	748	763
	Raichur	0.00%	100.00%	0.00%	0.00%	796	755	769
	Nizamabad	0.00%	97.21%	2.79%	2.79%	812	769	788
	Srikakulam	0.00%	99.40%	0.60%	0.60%	805	756	776
	Thiruvallam	0.00%	99.40%	0.60%	0.60%	805	756	776
	Vemagiri	0.00%	99.39%	0.61%	0.61%	809	764	781
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	748	770
	Gaya	0.00%	100.00%	0.00%	0.00%	790	750	772
	Jharsuguda	0.00%	99.89%	0.11%	0.11%	802	769	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	766	778
	Sasaram	0.00%	99.85%	0.15%	0.15%	805	733	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	Balipara (400 kV)	0.00%	99.43%	0.57%	0.57%	426	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	409	413
	Misa (400 kV)	0.00%	99.12%	0.88%	0.88%	426	395	410
	Ranganadi (400 kV)	0.00%	80.21%	19.79%	19.79%	429	381	414
	Biswanath Chariali (400 kV)	0.00%	99.88%	0.12%	0.12%	425	391	406
Silchar (400 kV)	7.66%	91.88%	0.46%	8.12%	422	354	407	

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