

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

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

Date: 28-Aug-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 17-Aug-2020 to 23-Aug-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%	99.99%	0.01%	0.01%	801	753	780
	Agra (Fatehabad)	0.00%	76.97%	9.46%	9.46%	806	768	790
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	756	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	756	768
	Anta	0.00%	100.00%	0.00%	0.00%	792	769	781
	Ballia	0.00%	100.00%	0.00%	0.00%	791	749	772
	Bara	0.00%	100.00%	0.00%	0.00%	792	763	769
	Bhiwani	0.00%	97.31%	2.69%	2.69%	805	756	783
	Bareilly	0.00%	98.61%	1.39%	1.39%	806	755	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	742	768
	Greater Noida	0.00%	95.04%	4.96%	4.96%	807	756	783
	Jhatikara	0.00%	99.78%	0.22%	0.22%	803	750	779
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	752	776
	Lucknow	0.00%	99.86%	0.14%	0.14%	801	754	778
	Meerut	0.00%	98.07%	1.93%	1.93%	809	751	780
	Moga	0.00%	99.86%	0.14%	0.14%	803	752	775
	Phagi	0.00%	99.64%	0.36%	0.36%	797	758	782
Varanasi	0.00%	100.00%	0.00%	0.00%	795	757	779	
Unnao	0.00%	100.00%	0.00%	0.00%	789	747	768	
WR	Akola	0.00%	98.34%	1.66%	1.66%	800	763	787
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	757	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	758	774
	Bina	0.00%	100.00%	0.00%	0.00%	795	761	780
	Champa	0.00%	100.00%	0.00%	0.00%	799	776	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	767	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	758	781
	Indore	0.00%	100.00%	0.00%	0.00%	782	753	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	766	782
	Koradi	0.00%	100.00%	0.00%	0.00%	783	751	771
	Pune	0.00%	100.00%	0.00%	0.00%	798	754	781
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	777	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	784	768	777
	Sasan	0.00%	100.00%	0.00%	0.00%	780	760	770
	Satna	0.00%	100.00%	0.00%	0.00%	789	756	776
	Seoni	0.00%	100.00%	0.00%	0.00%	800	767	783
	Sipat	0.00%	100.00%	0.00%	0.00%	783	767	775
	Solapur	0.00%	99.93%	0.07%	0.07%	801	752	786
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	779	788
Tirora	0.00%	100.00%	0.00%	0.00%	774	744	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	765	771	
Wardha	0.00%	99.75%	0.25%	0.25%	797	765	781	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	793	753	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	752	773
	Raichur	0.00%	100.00%	0.00%	0.00%	796	752	780
	Nizamabad	0.00%	95.51%	4.49%	4.49%	805	761	787
	Srikakulam	0.00%	96.72%	3.28%	3.28%	803	759	785
	Thiruvalam	0.00%	96.72%	3.28%	3.28%	803	759	785
	Vemagiri	0.00%	90.55%	9.45%	9.45%	810	757	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	756	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	753	773
	Jharsuguda	0.00%	98.37%	1.63%	1.63%	805	779	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	765	780
	Sasaram	0.00%	99.91%	0.09%	0.09%	797	738	770
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	Bongaigaon TPS (400 kV)	0.00%	99.54%	0.46%	0.46%	419	400	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	407	412
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	406
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406

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