

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

**System Reliability Indices Report for the week from**  
**09-Jul-2021 to 15-Jul-2021**

Date: 20-Aug-2021

**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	1	0.25	0.15
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 09-Jul-2021 to 15-Jul-2021

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%	795	753	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	753	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	753	764
	Anta	0.00%	100.00%	0.00%	0.00%	798	767	781
	Ballia	0.00%	100.00%	0.00%	0.00%	797	742	769
	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	758	779
	Bareilly	0.00%	99.46%	0.54%	0.54%	805	748	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	741	769
	Greater Noida	0.00%	99.43%	0.57%	0.57%	803	751	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	752	775
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	747	773
	Lucknow	0.00%	99.88%	0.12%	0.12%	801	743	772
	Meerut	0.00%	99.79%	0.21%	0.21%	803	750	777
	Moga	0.00%	100.00%	0.00%	0.00%	796	751	772
	Phagi	0.00%	99.85%	0.15%	0.15%	804	729	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	740	774
	Unnao	0.00%	100.00%	0.00%	0.00%	783	732	757
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	762	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	756	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	755	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	763	773
	Bina	0.00%	100.00%	0.00%	0.00%	792	758	775
	Champa	0.00%	100.00%	0.00%	0.00%	793	762	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	758	773
	Gwalior	0.00%	99.64%	0.36%	0.36%	800	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	786	756	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	754	782
	Koradi	0.00%	100.00%	0.00%	0.00%	781	757	770
	Pune	0.00%	100.00%	0.00%	0.00%	800	755	783
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	767	784
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	766	783
	Sasan	0.00%	100.00%	0.00%	0.00%	779	761	770
	Satna	0.00%	100.00%	0.00%	0.00%	792	759	774
	Seoni	0.00%	100.00%	0.00%	0.00%	792	768	779
	Sipat	0.00%	100.00%	0.00%	0.00%	781	766	774
	Solapur	0.00%	100.00%	0.00%	0.00%	800	760	783
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	771	787
Tirora	0.00%	100.00%	0.00%	0.00%	775	757	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	755	770	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	755	771	
Wardha	0.00%	100.00%	0.00%	0.00%	790	755	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	794	751	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	759	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	757	781
	Nizamabad	0.00%	98.05%	1.95%	1.95%	801	772	787
	Srikakulam	0.00%	93.34%	6.66%	6.66%	804	768	790
	Thiruvallam	0.00%	93.34%	6.66%	6.66%	804	768	790
ER	Vemagiri	0.00%	79.40%	20.60%	20.60%	810	767	791
	Angul	0.00%	100.00%	0.00%	0.00%	790	762	777
	Gaya	0.00%	100.00%	0.00%	0.00%	787	744	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	752	771
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	788	745	767
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
	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%	416	399	409
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	404
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

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