

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
19-Jul-2021 to 25-Jul-2021

Date: 30-Jul-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	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 19-Jul-2021 to 25-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	750	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	756	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	756	766
	Anta	0.00%	100.00%	0.00%	0.00%	792	764	780
	Ballia	0.00%	100.00%	0.00%	0.00%	792	741	769
	Bara	0.00%	100.00%	0.00%	0.00%	789	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	754	777
	Bareilly	0.00%	99.47%	0.53%	0.53%	803	747	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	740	765
	Greater Noida	0.00%	99.23%	0.77%	0.77%	803	750	778
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	748	774
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	747	771
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	742	774
	Meerut	0.00%	99.74%	0.26%	0.26%	803	742	777
	Moga	0.00%	100.00%	0.00%	0.00%	796	745	770
	Phagi	0.00%	100.00%	0.00%	0.00%	800	755	779
	Varanasi	0.00%	100.00%	0.00%	0.00%	797	754	779
Unnao	0.00%	100.00%	0.00%	0.00%	785	736	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	753	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	759	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	755	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	765	774
	Bina	0.00%	100.00%	0.00%	0.00%	795	754	779
	Champa	0.00%	100.00%	0.00%	0.00%	796	766	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	764	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	755	778
	Indore	0.00%	100.00%	0.00%	0.00%	792	753	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	764	785
	Koradi	0.00%	100.00%	0.00%	0.00%	779	752	768
	Pune	0.00%	100.00%	0.00%	0.00%	800	760	787
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	771	783
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	769	782
	Sasan	0.00%	100.00%	0.00%	0.00%	781	757	773
	Satna	0.00%	100.00%	0.00%	0.00%	791	755	779
	Seoni	0.00%	100.00%	0.00%	0.00%	795	768	781
	Sipat	0.00%	100.00%	0.00%	0.00%	783	767	775
	Solapur	0.00%	98.61%	1.39%	1.39%	803	766	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	775	786
Tirora	0.00%	100.00%	0.00%	0.00%	774	750	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	758	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	758	775	
Wardha	0.00%	99.90%	0.10%	0.10%	797	758	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	759	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	761	779
	Raichur	0.00%	100.00%	0.00%	0.00%	800	762	782
	Nizamabad	0.00%	92.93%	7.07%	7.07%	808	773	791
	Srikakulam	0.00%	96.88%	3.12%	3.12%	805	777	790
	Thiruvallam	0.00%	96.88%	3.12%	3.12%	805	777	790
Vemagiri	0.00%	97.53%	2.47%	2.47%	806	773	789	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	773	786
	Gaya	0.00%	100.00%	0.00%	0.00%	788	747	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	782	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	757	776
	Sasaram	0.00%	99.90%	0.10%	0.10%	801	741	766
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	407
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
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.