

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
05-Jul-2021 to 11-Jul-2021

Date: 16-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	5	1.25	0.74
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	2	0.50	0.30
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 05-Jul-2021 to 11-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%	800	730	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	756	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	756	764
	Anta	0.00%	100.00%	0.00%	0.00%	797	766	780
	Ballia	0.00%	100.00%	0.00%	0.00%	797	744	773
	Bara	0.00%	100.00%	0.00%	0.00%	790	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	757	776
	Bareilly	0.00%	99.18%	0.82%	0.82%	806	745	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	743	771
	Greater Noida	0.00%	99.94%	0.06%	0.06%	800	749	774
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	748	771
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	751	773
	Lucknow	0.00%	99.90%	0.10%	0.10%	801	749	775
	Meerut	0.00%	99.88%	0.12%	0.12%	802	749	775
	Moga	0.00%	100.00%	0.00%	0.00%	798	745	770
	Phagi	0.00%	99.79%	0.21%	0.21%	801	729	779
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	740	775
Unnao	0.00%	100.00%	0.00%	0.00%	781	732	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	755	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	749	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	757	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	763	772
	Bina	0.00%	100.00%	0.00%	0.00%	792	760	775
	Champa	0.00%	100.00%	0.00%	0.00%	794	762	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	758	773
	Gwalior	0.00%	99.64%	0.36%	0.36%	800	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	787	754	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	754	782
	Koradi	0.00%	100.00%	0.00%	0.00%	781	752	770
	Pune	0.00%	100.00%	0.00%	0.00%	800	746	781
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	767	783
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	766	781
	Sasan	0.00%	100.00%	0.00%	0.00%	780	762	770
	Satna	0.00%	100.00%	0.00%	0.00%	792	760	774
	Seoni	0.00%	100.00%	0.00%	0.00%	790	764	778
	Sipat	0.00%	100.00%	0.00%	0.00%	781	766	772
	Solapur	0.00%	100.00%	0.00%	0.00%	800	762	784
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	771	785
Tirora	0.00%	100.00%	0.00%	0.00%	775	753	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	753	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	753	771	
Wardha	0.00%	100.00%	0.00%	0.00%	787	753	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	794	752	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	753	776
	Raichur	0.00%	100.00%	0.00%	0.00%	797	757	782
	Nizamabad	0.00%	91.59%	8.41%	8.41%	804	763	788
	Srikakulam	0.00%	92.48%	7.52%	7.52%	804	766	788
	Thiruvallam	0.00%	92.48%	7.52%	7.52%	804	766	788
ER	Vemagiri	0.00%	81.13%	18.87%	18.87%	804	760	789
	Angul	0.00%	100.00%	0.00%	0.00%	783	762	774
	Gaya	0.00%	100.00%	0.00%	0.00%	787	744	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	773	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	752	772
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	797	744	769
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	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	401	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	404
	Ranganadi (400 kV)	0.00%	99.97%	0.03%	0.03%	420	402	410
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	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.