

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
21-Sep-2020 to 27-Sep-2020

Date: 2-Oct-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	1	0.25	0.15
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 21-Sep-2020 to 27-Sep-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	755	778
	Agra (Fatehabad)	0.00%	74.16%	3.40%	3.40%	804	765	720
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	760	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	760	770
	Anta	0.00%	100.00%	0.00%	0.00%	789	756	776
	Ballia	0.00%	100.00%	0.00%	0.00%	793	752	772
	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	751	779
	Bareilly	0.00%	98.69%	1.31%	1.31%	804	749	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	735	766
	Greater Noida	0.00%	99.80%	0.20%	0.20%	801	758	780
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	753	774
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	755	775
	Lucknow	0.00%	99.66%	0.34%	0.34%	802	750	776
	Meerut	0.00%	100.00%	0.00%	0.00%	799	753	778
	Moga	0.00%	100.00%	0.00%	0.00%	797	750	775
	Phagi	0.00%	100.00%	0.00%	0.00%	796	757	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	799	761	778
Unnao	0.00%	100.00%	0.00%	0.00%	788	743	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	758	779
	Aurangabad	0.00%	99.99%	0.01%	0.01%	800	751	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	755	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	761	777
	Bina	0.00%	100.00%	0.00%	0.00%	794	767	782
	Champa	0.00%	97.92%	2.08%	2.08%	803	777	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	768	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	761	781
	Indore	0.00%	100.00%	0.00%	0.00%	782	749	766
	Jabalpur	0.00%	99.86%	0.14%	0.14%	801	773	789
	Koradi	0.00%	100.00%	0.00%	0.00%	773	750	764
	Pune	0.00%	100.00%	0.00%	0.00%	796	746	777
	Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	776	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	767	784
	Sasan	0.00%	100.00%	0.00%	0.00%	782	764	773
	Satna	0.00%	100.00%	0.00%	0.00%	791	765	778
	Seoni	0.00%	100.00%	0.00%	0.00%	797	757	780
	Sipat	0.00%	100.00%	0.00%	0.00%	784	764	776
	Solapur	0.00%	99.76%	0.24%	0.24%	802	757	786
	Tamnar	0.00%	99.88%	0.12%	0.12%	800	779	792
Tirora	0.00%	100.00%	0.00%	0.00%	764	746	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	763	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	763	774	
Wardha	0.00%	99.91%	0.09%	0.09%	798	763	781	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	746	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	744	773
	Raichur	0.00%	100.00%	0.00%	0.00%	799	750	780
	Nizamabad	0.00%	93.26%	6.74%	6.74%	807	753	785
	Srikakulam	0.00%	96.40%	3.60%	3.60%	806	740	782
	Thiruvallam	0.00%	96.40%	3.60%	3.60%	806	740	782
	Vemagiri	0.00%	93.26%	6.74%	6.74%	816	745	781
ER	Angul	0.00%	100.00%	0.00%	0.00%	800	747	777
	Gaya	0.00%	100.00%	0.00%	0.00%	800	755	774
	Jharsuguda	0.00%	90.65%	9.35%	9.35%	806	776	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	764	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	795	741	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	406	398	403
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	406	398	403
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	407	414
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	406
	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	418	377	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407

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