

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
07-Sep-2020 to 13-Sep-2020

Date: 18-Sep-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 07-Sep-2020 to 13-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%	99.97%	0.03%	0.03%	801	752	773
	Agra (Fatehabad)	0.00%	84.38%	1.33%	1.33%	804	761	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	732	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	732	766
	Anta	0.00%	100.00%	0.00%	0.00%	790	758	773
	Ballia	0.00%	100.00%	0.00%	0.00%	789	743	768
	Bara	0.00%	100.00%	0.00%	0.00%	784	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	755	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	799	748	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	737	763
	Greater Noida	0.00%	99.50%	0.50%	0.50%	808	756	776
	Jhatikara	0.00%	99.96%	0.04%	0.04%	801	749	771
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	744	771
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	745	771
	Meerut	0.00%	99.93%	0.07%	0.07%	802	746	773
	Moga	0.00%	100.00%	0.00%	0.00%	794	749	772
	Phagi	0.00%	100.00%	0.00%	0.00%	799	754	773
Varanasi	0.00%	100.00%	0.00%	0.00%	795	751	775	
Unnao	0.00%	100.00%	0.00%	0.00%	786	742	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	761	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	752	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	761	775
	Bina	0.00%	100.00%	0.00%	0.00%	794	762	777
	Champa	0.00%	99.14%	0.86%	0.86%	802	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	764	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	776
	Indore	0.00%	100.00%	0.00%	0.00%	779	753	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	766	783
	Koradi	0.00%	100.00%	0.00%	0.00%	773	754	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	746	777
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	778	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	758	782
	Sasan	0.00%	100.00%	0.00%	0.00%	778	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	787	761	773
	Seoni	0.00%	100.00%	0.00%	0.00%	794	765	783
	Sipat	0.00%	100.00%	0.00%	0.00%	783	764	775
	Solapur	0.00%	97.77%	2.23%	2.23%	805	763	785
	Tamnar	0.00%	99.66%	0.34%	0.34%	801	782	791
Tirora	0.00%	100.00%	0.00%	0.00%	766	750	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	763	771	
Wardha	0.00%	99.98%	0.02%	0.02%	794	763	787	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	747	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	745	771
	Raichur	0.00%	100.00%	0.00%	0.00%	800	752	780
	Nizamabad	0.00%	92.43%	7.57%	7.57%	808	758	787
	Srikakulam	0.00%	96.83%	3.17%	3.17%	805	761	787
	Thiruvalam	0.00%	96.83%	3.17%	3.17%	805	761	787
Vemagiri	0.00%	92.16%	7.84%	7.84%	808	764	788	
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	758	778
	Gaya	0.00%	100.00%	0.00%	0.00%	790	751	772
	Jharsuguda	0.00%	98.70%	1.30%	1.30%	802	776	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	763	776
Sasaram	0.00%	100.00%	0.00%	0.00%	794	739	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	402
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	402
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	407	412
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	407
	Ranganadi (400 kV)	0.00%	99.08%	0.92%	0.92%	422	395	407
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	406
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	405	

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