

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
31-Aug-2020 to 06-Sep-2020

Date: 11-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 31-Aug-2020 to 06-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%	800	752	776
	Agra (Fatehabad)	0.00%	81.03%	5.97%	5.97%	807	767	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	757	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	757	766
	Anta	0.00%	100.00%	0.00%	0.00%	793	767	780
	Ballia	0.00%	100.00%	0.00%	0.00%	788	743	766
	Bara	0.00%	100.00%	0.00%	0.00%	787	763	769
	Bhiwani	0.00%	99.17%	0.83%	0.83%	803	758	780
	Bareilly	0.00%	99.81%	0.19%	0.19%	802	751	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	739	762
	Greater Noida	0.00%	99.62%	0.38%	0.38%	802	755	775
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	751	774
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	743	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	747	771
	Meerut	0.00%	99.94%	0.06%	0.06%	801	753	775
	Moga	0.00%	100.00%	0.00%	0.00%	797	754	776
	Phagi	0.00%	100.00%	0.00%	0.00%	800	760	777
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	752	773
Unnao	0.00%	100.00%	0.00%	0.00%	789	735	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	765	782
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	751	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	752	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	762	772
	Bina	0.00%	100.00%	0.00%	0.00%	791	761	777
	Champa	0.00%	99.98%	0.02%	0.02%	800	777	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	767	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	751	778
	Indore	0.00%	100.00%	0.00%	0.00%	778	749	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	765	779
	Koradi	0.00%	100.00%	0.00%	0.00%	779	756	767
	Pune	0.00%	100.00%	0.00%	0.00%	800	745	781
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	779	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	769	778
	Sasan	0.00%	100.00%	0.00%	0.00%	777	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	784	745	773
	Seoni	0.00%	100.00%	0.00%	0.00%	791	765	781
	Sipat	0.00%	100.00%	0.00%	0.00%	780	764	772
	Solapur	0.00%	99.10%	0.90%	0.90%	804	759	784
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	782	789
	Tirora	0.00%	100.00%	0.00%	0.00%	772	750	760
Vadodara	0.00%	99.82%	0.18%	0.18%	801	763	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	801	763	770	
Wardha	0.00%	100.00%	0.00%	0.00%	801	763	781	
SR	Kurnool	0.00%	99.97%	0.03%	0.03%	801	748	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	752	778
	Raichur	0.00%	100.00%	0.00%	0.00%	799	753	779
	Nizamabad	0.00%	96.10%	3.90%	3.90%	805	751	784
	Srikakulam	0.00%	97.94%	2.06%	2.06%	802	768	787
	Thiruvallam	0.00%	97.94%	2.06%	2.06%	802	768	787
	Vemagiri	0.00%	90.71%	9.29%	9.29%	803	762	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	759	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	747	767
	Jharsuguda	0.00%	98.35%	1.65%	1.65%	804	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	762	777
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	743	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	403
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	403
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	412
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	405
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	407
Siichar (400 kV)	1.63%	98.37%	0.00%	1.63%	415	391	405	

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