

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
19-Apr-2020 to 25-Apr-2020

Date: 1-May-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 19-Apr-2020 to 25-Apr-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%	797	737	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	753	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	753	765
	Anta	0.00%	100.00%	0.00%	0.00%	794	758	777
	Ballia	0.00%	100.00%	0.00%	0.00%	793	751	773
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	745	777
	Bareilly	0.00%	92.35%	7.65%	7.65%	811	754	783
	Fatehpur	0.18%	99.79%	0.00%	0.18%	790	724	760
	Greater Noida	0.00%	94.17%	5.83%	5.83%	807	749	783
	Jhatikara	0.00%	99.86%	0.14%	0.14%	801	736	777
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	749	774
	Lucknow	0.00%	99.04%	0.96%	0.96%	804	752	780
	Meerut	0.00%	99.99%	0.01%	0.01%	800	742	773
	Moga	0.00%	100.00%	0.00%	0.00%	799	735	767
	Phagi	0.00%	100.00%	0.00%	0.00%	797	749	775
	Varanasi	0.00%	100.00%	0.00%	0.00%	798	757	778
Unnao	0.00%	100.00%	0.00%	0.00%	786	738	763	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	750	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	750	771
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	750	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	755	767
	Bina	0.00%	100.00%	0.00%	0.00%	792	750	773
	Champa	0.00%	100.00%	0.00%	0.00%	788	766	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	735	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	746	777
	Indore	0.00%	100.00%	0.00%	0.00%	793	750	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	755	774
	Koradi	0.00%	100.00%	0.00%	0.00%	785	743	764
	Pune	0.00%	100.00%	0.00%	0.00%	800	769	787
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	786	766	776
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	777	740	765
	Sasan	0.00%	100.00%	0.00%	0.00%	778	755	767
	Satna	0.00%	100.00%	0.00%	0.00%	789	755	773
	Seoni	0.00%	100.00%	0.00%	0.00%	791	758	772
	Sipat	0.00%	100.00%	0.00%	0.00%	779	757	767
	Solapur	0.00%	99.82%	0.18%	0.18%	807	746	780
	Tamnar	0.00%	100.00%	0.00%	0.00%	788	769	779
Tirora	0.00%	100.00%	0.00%	0.00%	775	746	761	
Vadodara	0.00%	99.85%	0.15%	0.15%	802	768	784	
Vindhychal PS	0.00%	99.99%	0.01%	0.01%	802	768	769	
Wardha	0.00%	100.00%	0.00%	0.00%	802	768	770	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	794	753	771
	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	750	766
	Raichur	0.00%	100.00%	0.00%	0.00%	796	754	772
	Nizamabad	0.00%	98.02%	1.98%	1.98%	807	770	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	749	771
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	749	771
	Vemagiri	0.00%	99.85%	0.15%	0.15%	803	755	779
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	745	763
	Gaya	0.00%	100.00%	0.00%	0.00%	791	753	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	771	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	757	774
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	735	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	409	413
	Misa (400 kV)	0.00%	99.94%	0.06%	0.06%	420	400	410
	Ranganadi (400 kV)	0.00%	83.05%	16.95%	16.95%	426	404	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	411

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