

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
17-Feb-2020 to 23-Feb-2020

Date: 28-Feb-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 17-Feb-2020 to 23-Feb-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	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	762	774
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	762	774
	Anta	0.00%	100.00%	0.00%	0.00%	796	757	781
	Ballia	0.00%	100.00%	0.00%	0.00%	797	758	779
	Bhiwani	0.00%	98.44%	1.56%	1.56%	802	759	784
	Bareilly	0.00%	82.12%	17.88%	17.88%	810	765	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	743	770
	Greater Noida	0.00%	86.76%	13.24%	13.24%	808	763	790
	Jhatikara	0.00%	98.44%	1.56%	1.56%	803	756	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	762	783
	Lucknow	0.00%	89.88%	10.12%	10.12%	805	766	789
	Lalitpur	1.14%	98.78%	0.08%	1.22%	804	721	772
	Meerut	0.00%	99.03%	0.97%	0.97%	806	757	783
	Moga	0.00%	99.99%	0.01%	0.01%	804	747	774
	Phagi	0.00%	99.89%	0.11%	0.11%	801	755	782
Varanasi	0.00%	100.00%	0.00%	0.00%	799	764	785	
Unnao	0.00%	100.00%	0.00%	0.00%	790	754	772	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	757	772
	Aurangabad	0.00%	99.88%	0.12%	0.12%	803	750	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	758	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	764	775
	Bina	0.00%	100.00%	0.00%	0.00%	797	763	783
	Champa	0.00%	99.99%	0.01%	0.01%	801	778	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	769	780
	Gwalior	0.00%	99.94%	0.06%	0.06%	800	760	784
	Indore	0.00%	100.00%	0.00%	0.00%	797	752	770
	Jabalpur	0.00%	99.96%	0.04%	0.04%	802	770	788
	Koradi	0.00%	100.00%	0.00%	0.00%	777	753	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	749	786
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	777	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	777	783
	Sasan	0.00%	100.00%	0.00%	0.00%	779	761	771
	Satna	0.00%	100.00%	0.00%	0.00%	789	761	778
	Seoni	0.00%	100.00%	0.00%	0.00%	797	765	780
	Sipat	0.00%	100.00%	0.00%	0.00%	783	765	775
	Solapur	0.00%	98.97%	1.03%	1.03%	807	761	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	779	788
Tirora	0.00%	100.00%	0.00%	0.00%	770	753	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	766	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	766	774	
Wardha	0.00%	99.85%	0.15%	0.15%	799	766	781	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	746	774
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	753	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	752	777
	Nizamabad	0.00%	93.33%	6.67%	6.67%	810	757	781
	Srikakulam	0.00%	96.85%	3.15%	3.15%	803	757	785
	Thiruvallam	0.00%	96.85%	3.15%	3.15%	803	757	785
Vemagiri	0.00%	88.60%	11.40%	11.40%	812	756	786	
ER	Angul	0.00%	99.75%	0.25%	0.25%	804	757	779
	Gaya	0.00%	100.00%	0.00%	0.00%	794	760	778
	Jharsuguda	0.00%	86.21%	13.79%	13.79%	809	780	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	784
Sasaram	0.00%	100.00%	0.00%	0.00%	779	743	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
	Balipara (400 kV)	0.00%	99.96%	0.04%	0.04%	420	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
	Palatana (400 kV)	0.00%	97.67%	2.33%	2.33%	426	385	410
	Misa (400 kV)	0.00%	99.26%	0.74%	0.74%	422	394	408
	Ranganadi (400 kV)	0.00%	90.40%	9.60%	9.60%	426	395	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	387	405
	Silchar (400 kV)	8.08%	89.18%	2.74%	10.82%	426	350	404

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