

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
03-Feb-2020 to 09-Feb-2020

Date: 14-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	2	0.50	0.30
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 03-Feb-2020 to 09-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%	99.95%	0.05%	0.05%	802	752	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	762	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	762	770
	Anta	0.00%	100.00%	0.00%	0.00%	795	761	781
	Ballia	0.00%	100.00%	0.00%	0.00%	791	757	777
	Bhiwani	0.00%	99.87%	0.13%	0.13%	801	755	783
	Bareilly	0.00%	91.87%	8.13%	8.13%	807	763	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	742	766
	Greater Noida	0.00%	93.01%	6.99%	6.99%	806	759	789
	Jhatikara	0.00%	99.93%	0.07%	0.07%	801	751	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	758	780
	Lucknow	0.00%	98.10%	1.90%	1.90%	803	764	786
	Lalitpur	0.00%	100.00%	0.00%	0.00%	795	758	779
	Meerut	0.00%	99.73%	0.27%	0.27%	805	750	782
	Moga	0.00%	100.00%	0.00%	0.00%	796	742	774
	Phagi	0.00%	100.00%	0.00%	0.00%	798	750	782
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	762	781
Unnao	0.00%	100.00%	0.00%	0.00%	785	749	769	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	751	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	753	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	752	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	762	773
	Bina	0.00%	100.00%	0.00%	0.00%	798	753	779
	Champa	0.00%	100.00%	0.00%	0.00%	796	777	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	752	773
	Gwalior	0.00%	99.88%	0.12%	0.12%	801	754	781
	Indore	0.00%	99.99%	0.01%	0.01%	800	734	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	759	781
	Koradi	0.00%	100.00%	0.00%	0.00%	778	750	767
	Pune	0.00%	100.00%	0.00%	0.00%	800	755	783
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	776	785
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	770	778
	Sasan	0.00%	100.00%	0.00%	0.00%	778	755	770
	Satna	0.00%	100.00%	0.00%	0.00%	789	747	776
	Seoni	0.00%	100.00%	0.00%	0.00%	796	762	780
	Sipat	0.00%	100.00%	0.00%	0.00%	780	762	772
	Solapur	0.00%	100.00%	0.00%	0.00%	800	757	779
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	779	787
Tirora	0.00%	100.00%	0.00%	0.00%	771	750	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	781	
Vindhyachal PS	0.00%	99.99%	0.01%	0.01%	795	764	771	
Wardha	0.00%	99.78%	0.22%	0.22%	795	764	781	
SR	Kurnool	0.00%	99.93%	0.07%	0.07%	803	757	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	761	780
	Raichur	0.00%	100.00%	0.00%	0.00%	798	756	778
	Nizamabad	0.00%	91.75%	8.25%	8.25%	811	754	786
	Srikakulam	0.00%	99.34%	0.66%	0.66%	805	757	785
	Thiruvallam	0.00%	99.34%	0.66%	0.66%	805	757	785
	Vemagiri	0.00%	95.01%	4.99%	4.99%	811	753	780
ER	Angul	0.00%	99.99%	0.01%	0.01%	800	756	779
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	775
	Jharsuguda	0.00%	97.91%	2.09%	2.09%	806	778	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	767	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	743	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	424	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Palatana (400 kV)	0.00%	95.18%	4.82%	4.82%	421	404	414
	Misa (400 kV)	0.00%	99.42%	0.58%	0.58%	425	395	409
	Ranganadi (400 kV)	0.00%	76.06%	23.94%	23.94%	433	399	416
	Biswanath Chariali (400 kV)	0.00%	99.88%	0.12%	0.12%	424	390	406
	Silchar (400 kV)	0.00%	92.71%	7.29%	7.29%	422	392	411

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