

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
27-Jan-2020 to 02-Feb-2020

Date: 6-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	32	8.00	4.76
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	9	2.25	1.34
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 27-Jan-2020 to 02-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%	99.98%	0.02%	0.02%	801	746	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	758	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	758	767
	Anta	0.00%	100.00%	0.00%	0.00%	794	760	781
	Ballia	0.00%	100.00%	0.00%	0.00%	792	758	777
	Bhiwani	0.00%	99.97%	0.03%	0.03%	801	751	784
	Bareilly	0.00%	87.89%	12.11%	12.11%	807	764	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	740	768
	Greater Noida	0.00%	94.33%	5.67%	5.67%	805	757	789
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	748	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	798	755	779
	Lucknow	0.00%	97.97%	2.03%	2.03%	804	763	786
	Lalitpur	0.00%	100.00%	0.00%	0.00%	794	759	780
	Meerut	0.00%	99.40%	0.60%	0.60%	805	746	782
	Moga	0.00%	99.98%	0.02%	0.02%	804	739	773
	Phagi	0.00%	100.00%	0.00%	0.00%	799	748	781
Varanasi	0.00%	99.90%	0.10%	0.10%	801	761	781	
Unnao	0.00%	100.00%	0.00%	0.00%	784	746	770	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	756	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	751	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	746	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	759	773
	Bina	0.00%	100.00%	0.00%	0.00%	795	753	779
	Champa	0.00%	100.00%	0.00%	0.00%	800	771	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	744	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	748	782
	Indore	0.00%	100.00%	0.00%	0.00%	791	749	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	758	782
	Koradi	0.00%	100.00%	0.00%	0.00%	779	750	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	754	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	771	784
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	760	777
	Sasan	0.00%	100.00%	0.00%	0.00%	778	758	770
	Satna	0.00%	100.00%	0.00%	0.00%	787	754	776
	Seoni	0.00%	100.00%	0.00%	0.00%	797	757	778
	Sipat	0.00%	100.00%	0.00%	0.00%	783	760	773
	Solapur	0.00%	100.00%	0.00%	0.00%	799	757	779
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	774	786
Tirora	0.00%	100.00%	0.00%	0.00%	771	751	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	765	772	
Wardha	0.00%	99.98%	0.02%	0.02%	797	765	779	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	800	748	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	747	776
	Raichur	0.00%	100.00%	0.00%	0.00%	795	749	774
	Nizamabad	0.00%	95.29%	4.71%	4.71%	809	754	783
	Srikakulam	0.00%	96.78%	3.22%	3.22%	808	768	787
	Thiruvallam	0.00%	96.78%	3.22%	3.22%	808	768	787
Vemagiri	0.00%	89.48%	10.52%	10.52%	812	751	786	
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	766	781
	Gaya	0.00%	100.00%	0.00%	0.00%	789	756	775
	Jharsuguda	0.00%	97.75%	2.25%	2.25%	802	776	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	763	781
Sasaram	0.00%	100.00%	0.00%	0.00%	779	740	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	406	410
	Balipara (400 kV)	0.00%	99.94%	0.06%	0.06%	421	397	411
	Bongaigaon (400 kV)	0.01%	99.99%	0.00%	0.01%	416	374	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	406	410
	Palatana (400 kV)	0.00%	97.63%	2.37%	2.37%	421	408	415
	Misa (400 kV)	0.00%	99.98%	0.02%	0.02%	421	399	412
	Ranganadi (400 kV)	0.00%	59.18%	40.82%	40.82%	437	382	417
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	409
	Silchar (400 kV)	0.00%	98.37%	1.63%	1.63%	421	400	411

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