

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

**System Reliability Indices Report for the week from**  
**30-Dec-2019 to 05-Jan-2020**

Date: 10-Jan-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	3	0.75	0.45
3	Import of NR	0	0.00	0.00
4	NEW-SR	21	5.25	3.13
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 30-Dec-2019 to 05-Jan-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%	99.90%	0.10%	0.10%	808	748	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	760	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	760	770
	Anta	0.00%	100.00%	0.00%	0.00%	799	759	784
	Ballia	0.00%	100.00%	0.00%	0.00%	795	759	779
	Bhiwani	0.00%	96.18%	3.82%	3.82%	810	755	786
	Bareilly	0.00%	79.00%	21.00%	21.00%	808	764	792
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	743	773
	Greater Noida	0.00%	83.69%	16.31%	16.31%	813	758	791
	Jhatikara	0.00%	98.79%	1.21%	1.21%	806	749	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	757	782
	Lucknow	0.00%	89.92%	10.08%	10.08%	804	765	788
	Lalitpur	1.87%	96.87%	1.27%	3.13%	816	716	758
	Meerut	0.00%	94.40%	5.60%	5.60%	812	741	786
	Moga	0.00%	100.00%	0.00%	0.00%	799	748	774
	Phagi	0.00%	97.78%	2.22%	2.22%	805	752	784
Varanasi	0.00%	100.00%	0.00%	0.00%	798	762	784	
Unnao	0.00%	100.00%	0.00%	0.00%	787	748	769	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	753	775
	Aurangabad	0.00%	99.90%	0.10%	0.10%	801	759	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	752	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	762	775
	Bina	0.00%	100.00%	0.00%	0.00%	797	757	781
	Champa	0.00%	100.00%	0.00%	0.00%	793	772	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	751	771
	Gwalior	0.00%	99.91%	0.09%	0.09%	806	756	783
	Indore	0.00%	100.00%	0.00%	0.00%	793	748	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	762	784
	Koradi	0.00%	100.00%	0.00%	0.00%	780	750	765
	Pune	0.00%	100.00%	0.00%	0.00%	800	751	787
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	769	782
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	759	775
	Sasan	0.00%	100.00%	0.00%	0.00%	780	759	771
	Satna	0.00%	100.00%	0.00%	0.00%	790	757	778
	Seoni	0.00%	100.00%	0.00%	0.00%	797	762	783
	Sipat	0.00%	100.00%	0.00%	0.00%	787	764	776
	Solapur	0.00%	94.78%	5.22%	5.22%	806	767	791
	Tamnar	0.00%	100.00%	0.00%	0.00%	794	772	784
Tirora	0.00%	100.00%	0.00%	0.00%	772	751	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	765	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	765	773	
Wardha	0.00%	99.99%	0.01%	0.01%	796	765	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	794	751	775
	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	751	771
	Raichur	0.00%	100.00%	0.00%	0.00%	796	756	779
	Nizamabad	0.00%	95.32%	4.68%	4.68%	806	758	785
	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	767	781
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	792	767	781
Vemagiri	0.00%	100.00%	0.00%	0.00%	778	751	768	
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	766	779
	Gaya	0.00%	100.00%	0.00%	0.00%	792	757	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	774	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	781
Sasaram	0.00%	100.00%	0.00%	0.00%	785	747	769	
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%	419	398	409
	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%	419	401	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Palatana (400 kV)	0.00%	99.66%	0.34%	0.34%	421	408	414
	Misa (400 kV)	0.00%	99.88%	0.12%	0.12%	422	400	411
	Ranganadi (400 kV)	0.00%	72.34%	27.66%	27.66%	427	403	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	410

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