

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

**System Reliability Indices Report for the week from**  
**02-Dec-2019 to 08-Dec-2019**

Date: 12-Dec-2019

**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	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	1	0.25	0.15
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 02-Dec-2019 to 08-Dec-2019

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%	802	739	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	756	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	747	760
	Anta	0.00%	100.00%	0.00%	0.00%	795	758	782
	Ballia	0.00%	100.00%	0.00%	0.00%	793	757	777
	Bhiwani	0.00%	98.85%	1.74%	1.74%	804	754	786
	Bareilly	0.00%	95.37%	4.63%	4.63%	806	757	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	742	771
	Greater Noida	0.00%	84.45%	15.55%	15.55%	810	759	792
	Jhatikara	0.00%	98.12%	1.88%	1.88%	802	753	787
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	798	755	780
	Lucknow	0.00%	92.29%	7.71%	7.71%	805	759	787
	Lalitpur	0.00%	99.99%	0.00%	0.00%	788	769	779
	Meerut	0.00%	98.50%	1.50%	1.50%	810	747	785
	Moga	0.00%	100.00%	0.00%	0.00%	796	743	776
	Phagi	0.00%	100.00%	0.00%	0.00%	799	753	783
Varanasi	0.00%	100.00%	0.00%	0.00%	796	762	783	
Unnao	0.00%	100.00%	0.00%	0.00%	789	745	769	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	753	774
	Aurangabad	0.00%	99.90%	0.10%	0.10%	801	768	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	748	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	790	769	779
	Bina	0.00%	100.00%	0.00%	0.00%	796	762	782
	Champa	0.00%	99.50%	0.50%	0.50%	802	783	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	764	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	760	784
	Indore	0.00%	100.00%	0.00%	0.00%	787	743	769
	Jabalpur	0.00%	99.04%	0.96%	0.96%	802	769	786
	Koradi	0.00%	100.00%	0.00%	0.00%	778	750	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	758	785
	Raigarh Pooling	0.00%	99.46%	0.54%	0.54%	801	782	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	776	786
	Sasan	0.00%	100.00%	0.00%	0.00%	778	760	770
	Satna	0.00%	100.00%	0.00%	0.00%	789	760	778
	Seoni	0.00%	99.97%	0.03%	0.03%	801	768	787
	Sipat	0.00%	100.00%	0.00%	0.00%	790	770	779
	Solapur	0.00%	89.98%	10.02%	10.02%	807	770	793
	Tamnar	0.00%	99.00%	1.00%	1.00%	802	783	792
Tirora	0.00%	100.00%	0.00%	0.00%	775	751	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	763	772	
Wardha	0.00%	99.13%	0.87%	0.87%	794	763	789	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	755	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	752	777
	Raichur	0.00%	100.00%	0.00%	0.00%	799	759	786
	Nizamabad	0.00%	81.51%	18.49%	18.49%	808	762	794
	Srikakulam	0.00%	99.92%	0.08%	0.08%	799	764	784
	Thiruvallam	0.00%	99.92%	0.08%	0.08%	799	764	784
Vemagiri	0.00%	100.00%	0.00%	0.00%	778	746	767	
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	772	784
	Gaya	0.00%	100.00%	0.00%	0.00%	790	759	777
	Jharsuguda	0.00%	88.95%	11.05%	11.05%	806	784	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	785
Sasaram	0.16%	99.84%	0.00%	0.16%	797	726	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	99.83%	0.17%	0.17%	418	392	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	406
	Bongaigaon TPS (400 kV)	0.01%	99.99%	0.00%	0.01%	416	353	408
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Palatana (400 kV)	0.00%	99.50%	0.50%	0.50%	420	407	415
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	418	394	408
	Ranganadi (400 kV)	0.00%	83.55%	16.45%	16.45%	428	401	415
	Biswanath Chariali (400 kV)	0.00%	99.92%	0.08%	0.08%	418	391	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410

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