

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

**System Reliability Indices Report for the week from**  
**30-Nov-2020 to 06-Dec-2020**

Date: 11-Dec-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	48	12.00	7.14
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	27	6.75	4.02
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	2	0.50	0.30

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-Nov-2020 to 06-Dec-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%	99.99%	0.01%	0.01%	801	743	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	759	771
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	759	771
	Anta	0.00%	100.00%	0.00%	0.00%	794	752	778
	Ballia	0.00%	100.00%	0.00%	0.00%	790	745	775
	Bara	0.00%	100.00%	0.00%	0.00%	788	763	769
	Bhiwani	0.00%	99.89%	0.11%	0.11%	806	738	777
	Bareilly	0.00%	99.82%	0.18%	0.18%	803	742	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	738	767
	Greater Noida	0.00%	97.98%	2.02%	2.02%	809	745	785
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	739	779
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	740	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	744	781
	Meerut	0.00%	99.88%	0.12%	0.12%	803	741	778
	Moga	0.00%	99.77%	0.23%	0.23%	806	740	767
	Phagi	0.00%	99.87%	0.13%	0.13%	806	742	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	751	777
	Unnao	0.00%	100.00%	0.00%	0.00%	799	734	768
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	754	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	751	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	751	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	763	776
	Bina	0.00%	100.00%	0.00%	0.00%	794	752	780
	Champa	0.00%	98.23%	1.77%	1.77%	803	770	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	760	777
	Gwalior	0.00%	99.95%	0.05%	0.05%	800	748	780
	Indore	0.00%	100.00%	0.00%	0.00%	790	750	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	756	782
	Koradi	0.00%	100.00%	0.00%	0.00%	780	750	766
	Pune	0.00%	100.00%	0.00%	0.00%	797	748	777
	Raigarh Pooling	0.00%	99.56%	0.44%	0.44%	801	775	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	770	783
	Sasan	0.00%	100.00%	0.00%	0.00%	779	756	770
	Satna	0.00%	100.00%	0.00%	0.00%	789	752	777
	Seoni	0.00%	100.00%	0.00%	0.00%	795	756	779
	Sipat	0.00%	100.00%	0.00%	0.00%	786	763	776
	Solapur	0.00%	100.00%	0.00%	0.00%	797	759	780
	Tamnar	0.00%	98.30%	1.70%	1.70%	802	778	791
Tirora	0.00%	100.00%	0.00%	0.00%	771	749	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	759	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	759	771	
Wardha	0.00%	100.00%	0.00%	0.00%	795	759	784	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	751	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	749	769
	Raichur	0.00%	100.00%	0.00%	0.00%	798	753	777
	Nizamabad	0.00%	96.40%	3.60%	3.60%	808	765	788
	Srikakulam	0.00%	95.36%	4.64%	4.64%	809	762	783
	Thiruvallam	0.00%	95.36%	4.64%	4.64%	809	762	783
Vemagiri	0.00%	76.11%	23.89%	23.89%	807	763	792	
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	760	780
	Gaya	0.00%	100.00%	0.00%	0.00%	788	749	775
	Jharsuguda	0.00%	96.46%	3.54%	3.54%	804	776	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	798	745	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	Bongaigaon TPS (400 kV)	0.00%	99.92%	0.08%	0.08%	420	405	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	407	414
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	406
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	403
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409	

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