

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

**System Reliability Indices Report for the week from
09-Dec-2019 to 15-Dec-2019**

Date: 20-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	7	1.75	1.04
3	Import of NR	0	0.00	0.00
4	NEW-SR	8	2.00	1.19
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	1	0.25	0.15
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 09-Dec-2019 to 15-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%	100.00%	0.00%	0.00%	800	749	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	746	759
	Anta	0.00%	100.00%	0.00%	0.00%	799	762	782
	Ballia	0.00%	100.00%	0.00%	0.00%	796	753	778
	Bhiwani	0.00%	99.18%	0.82%	0.82%	804	752	784
	Bareilly	0.00%	83.25%	16.75%	16.75%	809	752	789
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	739	770
	Greater Noida	0.00%	86.24%	13.76%	13.76%	811	758	790
	Jhatikara	0.00%	97.57%	2.43%	2.43%	806	753	784
	Kanpur GIS	0.00%	99.99%	0.01%	0.01%	800	752	780
	Lucknow	0.00%	92.60%	7.40%	7.40%	805	753	786
	Lalitpur	0.17%	99.83%	0.00%	0.17%	789	763	776
	Meerut	0.00%	97.43%	2.57%	2.57%	806	747	782
	Moga	0.00%	99.91%	0.09%	0.09%	880	753	774
	Phagi	0.00%	98.55%	1.45%	1.45%	801	755	782
Varanasi	0.00%	100.00%	0.00%	0.00%	795	757	783	
Unnao	0.00%	100.00%	0.00%	0.00%	786	739	768	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	749	775
	Aurangabad	0.00%	99.44%	0.56%	0.56%	805	757	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	745	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	762	776
	Bina	0.00%	100.00%	0.00%	0.00%	799	758	781
	Champa	0.00%	99.94%	0.06%	0.06%	801	776	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	756	775
	Gwalior	0.00%	99.74%	0.26%	0.26%	797	755	783
	Indore	0.00%	100.00%	0.00%	0.00%	791	738	770
	Jabalpur	0.00%	99.97%	0.03%	0.03%	802	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	782	748	767
	Pune	0.00%	100.00%	0.00%	0.00%	800	756	786
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	774	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	766	780
	Sasan	0.00%	100.00%	0.00%	0.00%	779	757	769
	Satna	0.00%	100.00%	0.00%	0.00%	790	755	776
	Seoni	0.00%	99.99%	0.01%	0.01%	801	761	782
	Sipat	0.00%	100.00%	0.00%	0.00%	787	763	777
	Solapur	0.00%	88.38%	11.62%	11.62%	809	743	791
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	776	789
Tirora	0.00%	100.00%	0.00%	0.00%	777	750	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	764	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	764	770	
Wardha	0.00%	99.90%	0.10%	0.10%	798	764	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	749	780
	Nellore PS	0.00%	99.59%	0.41%	0.41%	800	747	781
	Raichur	0.00%	100.00%	0.00%	0.00%	798	751	782
	Nizamabad	0.00%	95.04%	4.96%	4.96%	805	752	789
	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	760	782
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	800	760	782
	Vemagiri	0.00%	100.00%	0.00%	0.00%	779	742	766
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	766	782
	Gaya	0.00%	100.00%	0.00%	0.00%	790	755	777
	Jharsuguda	0.00%	99.00%	1.00%	1.00%	805	776	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	739	774
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.98%	0.02%	0.02%	424	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	408	415
	Misa (400 kV)	0.00%	97.17%	2.83%	2.83%	423	399	411
	Ranganadi (400 kV)	0.00%	63.39%	36.61%	36.61%	432	405	418
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	393	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411

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