

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

**System Reliability Indices Report for the week from
07-Oct-2019 to 13-Oct-2019**

Date: 18-Oct-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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	ER-NER	4	1.00	0.60

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	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 07-Oct-2019 to 13-Oct-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%	99.99%	0.01%	0.01%	801	768	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	759	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	758	768
	Anta	0.00%	100.00%	0.00%	0.00%	794	767	781
	Ballia	0.00%	100.00%	0.00%	0.00%	790	752	774
	Bhiwani	0.00%	99.29%	0.71%	0.71%	804	768	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	753
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	732	764
	Greater Noida	0.00%	98.60%	1.40%	1.40%	804	774	788
	Jhatikara	0.00%	99.92%	0.08%	0.08%	801	767	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	757	779
	Lucknow	0.00%	99.86%	0.14%	0.14%	802	762	782
	Lalitpur	1.46%	98.54%	0.00%	1.46%	789	724	779
	Meerut	0.00%	99.37%	0.63%	0.63%	807	763	783
	Moga	0.00%	99.24%	0.76%	0.76%	803	746	772
	Phagi	0.00%	100.00%	0.00%	0.00%	800	772	785
Varanasi	0.00%	100.00%	0.00%	0.00%	795	760	779	
Unnao	0.00%	100.00%	0.00%	0.00%	786	749	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	769	784
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	770	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	761	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	789	772	781
	Bina	0.00%	100.00%	0.00%	0.00%	798	771	783
	Champa	0.00%	99.91%	0.09%	0.09%	801	783	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	770	779
	Gwalior	0.00%	99.49%	0.51%	0.51%	801	771	785
	Indore	0.00%	100.00%	0.00%	0.00%	781	751	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	774	786
	Koradi	0.00%	100.00%	0.00%	0.00%	785	763	775
	Pune	0.00%	100.00%	0.00%	0.00%	800	764	785
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	781	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	778	781
	Sasan	0.00%	100.00%	0.00%	0.00%	786	767	773
	Satna	0.00%	100.00%	0.00%	0.00%	795	771	780
	Seoni	0.00%	100.00%	0.00%	0.00%	800	775	787
	Sipat	0.00%	100.00%	0.00%	0.00%	790	773	782
	Solapur	0.00%	90.69%	9.31%	9.31%	806	773	790
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	783	792
Tirora	0.00%	100.00%	0.00%	0.00%	779	761	771	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	767	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	767	775	
Wardha	0.00%	99.96%	0.04%	0.04%	792	767	786	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	796	762	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	760	773
	Raichur	0.00%	100.00%	0.00%	0.00%	799	767	784
	Nizamabad	0.00%	87.72%	12.28%	12.28%	811	772	788
	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	774	786
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	774	786
Vemagiri	0.00%	100.00%	0.00%	0.00%	782	762	773	
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	773	784
	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	774
	Jharsuguda	0.00%	98.91%	1.09%	1.09%	801	782	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	774	784
Sasaram	0.00%	100.00%	0.00%	0.00%	774	739	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	Bongaigaon (400 kV)	0.01%	99.99%	0.00%	0.01%	408	376	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	409
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	414
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	Ranganadi (400 kV)	0.00%	98.41%	1.59%	1.59%	422	401	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409

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