

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
14-Oct-2019 to 20-Oct-2019

Date: 24-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	6	1.50	0.89

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	5	1.25	0.74

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 14-Oct-2019 to 20-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%	100.00%	0.00%	0.00%	797	754	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	760	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	755	764
	Anta	0.00%	100.00%	0.00%	0.00%	786	758	776
	Ballia	0.00%	100.00%	0.00%	0.00%	786	754	772
	Bhiwani	0.00%	99.87%	0.13%	0.13%	800	763	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	752	752	752
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	738	765
	Greater Noida	0.00%	99.82%	0.18%	0.18%	802	767	787
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	759	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	760	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	763	781
	Lalitpur	0.00%	95.51%	0.00%	0.00%	787	765	741
	Meerut	0.00%	99.47%	0.53%	0.53%	803	758	783
	Moga	0.00%	100.00%	0.00%	0.00%	793	747	772
	Phagi	0.00%	100.00%	0.00%	0.00%	796	763	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	791	761	778
Unnao	0.00%	100.00%	0.00%	0.00%	779	745	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	762	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	754	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	769	777
	Bina	0.00%	100.00%	0.00%	0.00%	796	766	783
	Champa	0.00%	99.87%	0.13%	0.13%	802	776	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	764	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	765	783
	Indore	0.00%	100.00%	0.00%	0.00%	781	743	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	768	785
	Koradi	0.00%	100.00%	0.00%	0.00%	778	759	768
	Pune	0.00%	100.00%	0.00%	0.00%	800	761	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	777	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	770	780
	Sasan	0.00%	100.00%	0.00%	0.00%	779	759	772
	Satna	0.00%	100.00%	0.00%	0.00%	787	763	779
	Seoni	0.00%	100.00%	0.00%	0.00%	796	772	784
	Sipat	0.00%	100.00%	0.00%	0.00%	786	771	778
	Solapur	0.00%	97.34%	2.66%	2.66%	802	769	787
	Tamnar	0.00%	99.95%	0.05%	0.05%	800	779	789
	Tirora	0.00%	100.00%	0.00%	0.00%	772	757	764
Vadodara	0.00%	100.00%	0.00%	0.00%	792	760	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	760	774	
Wardha	0.00%	98.95%	1.05%	1.05%	792	760	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	795	754	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	752	772
	Raichur	0.00%	100.00%	0.00%	0.00%	798	760	782
	Nizamabad	0.00%	95.30%	4.70%	4.70%	796	765	784
	Srikakulam	0.00%	98.84%	1.16%	1.16%	804	770	786
	Thiruvallam	0.00%	98.84%	1.16%	1.16%	804	770	786
	Vemagiri	0.00%	100.00%	0.00%	0.00%	785	756	771
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	770	783
	Gaya	0.00%	100.00%	0.00%	0.00%	784	756	772
	Jharsuguda	0.00%	99.79%	0.21%	0.21%	802	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	772	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	745	764
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	411
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	410
	Ranganadi (400 kV)	0.00%	90.85%	9.15%	9.15%	425	400	414
	Biswanath Chariali (400 kV)	0.00%	99.96%	0.04%	0.04%	421	395	408
	Silchar (400 kV)	1.57%	98.43%	0.00%	1.57%	416	352	407

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