

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
23-Sep-2019 to 29-Sep-2019

Date: 4-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	5	1.25	0.74
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	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	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 23-Sep-2019 to 29-Sep-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	764	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	788	762	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	788	759	774
	Anta	0.00%	100.00%	0.00%	0.00%	798	772	784
	Ballia	0.00%	100.00%	0.00%	0.00%	796	759	778
	Bhiwani	0.00%	98.70%	1.30%	1.30%	804	765	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	734	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	752	768
	Greater Noida	0.00%	99.23%	0.77%	0.77%	803	766	786
	Jhatikara	0.00%	99.84%	0.16%	0.16%	801	757	778
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	764	780
	Lucknow	0.00%	99.09%	0.91%	0.91%	803	762	783
	Lalitpur	0.00%	100.00%	0.00%	0.00%	793	764	783
	Meerut	0.00%	98.04%	1.96%	1.96%	803	763	785
	Moga	0.00%	99.97%	0.03%	0.03%	801	757	779
	Phagi	0.00%	99.27%	0.73%	0.73%	803	770	785
Varanasi	0.00%	99.94%	0.06%	0.06%	801	766	783	
Unnao	0.00%	100.00%	0.00%	0.00%	787	745	768	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	775	788
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	769	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	770	780
	Bina	0.00%	100.00%	0.00%	0.00%	800	770	785
	Champa	0.00%	99.87%	0.13%	0.13%	801	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	778
	Gwalior	0.00%	99.51%	0.49%	0.49%	801	767	783
	Indore	0.00%	100.00%	0.00%	0.00%	780	753	766
	Jabalpur	0.00%	99.70%	0.30%	0.30%	802	772	787
	Koradi	0.00%	100.00%	0.00%	0.00%	786	766	776
	Pune	0.00%	100.00%	0.00%	0.00%	800	749	785
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	778	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	775	779
	Sasan	0.00%	100.00%	0.00%	0.00%	787	766	774
	Satna	0.00%	100.00%	0.00%	0.00%	796	767	781
	Seoni	0.00%	99.92%	0.08%	0.08%	801	775	789
	Sipat	0.00%	100.00%	0.00%	0.00%	787	772	780
	Solapur	0.00%	84.14%	15.86%	15.86%	808	749	792
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	781	790
Tirora	0.00%	100.00%	0.00%	0.00%	777	762	770	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	769	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	769	776	
Wardha	0.00%	99.05%	0.95%	0.95%	797	769	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	756	775
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	757	772
	Raichur	0.00%	99.80%	0.20%	0.20%	802	763	781
	Nizamabad	0.00%	94.81%	5.19%	5.19%	806	769	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	771	785
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	771	785
	Vemagiri	0.00%	100.00%	0.00%	0.00%	783	765	772
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	771	784
	Gaya	0.00%	100.00%	0.00%	0.00%	794	761	777
	Jharsuguda	0.00%	97.64%	2.36%	2.36%	803	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	773	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	751	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	Bongaigaon TPS (400 kV)	0.00%	99.98%	0.02%	0.02%	420	401	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	420	408	415
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	409
	Ranganadi (400 kV)	0.00%	97.82%	2.18%	2.18%	424	404	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	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.