

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
15-Oct-2018 to 21-Oct-2018

Date: 26-Oct-2018

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	40	10.00	5.95
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	2	0.50	0.30
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 15-Oct-2018 to 21-Oct-2018

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%	798	764	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	759	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	758	766
	Anta	0.00%	100.00%	0.00%	0.00%	794	768	781
	Ballia	0.00%	100.00%	0.00%	0.00%	777	754	769
	Bhiwani	0.00%	98.33%	1.67%	1.67%	801	772	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	743	759
	Greater Noida	0.00%	99.61%	0.39%	0.39%	802	772	790
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	767	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	758	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	770	779
	Meerut	0.00%	93.48%	4.87%	4.87%	807	770	788
	Moga	0.00%	100.00%	0.00%	0.00%	797	756	777
	Phagi	0.00%	100.00%	0.00%	0.00%	797	767	784
Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	776	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	755	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	751	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	751	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	760	774
	Champa	0.00%	99.90%	0.01%	0.01%	801	778	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	762	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	750	773
	Ektuni	0.00%	100.00%	0.00%	0.00%	791	748	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	767	783
	Indore	0.00%	100.00%	0.00%	0.00%	792	749	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	763	778
	Koradi	0.00%	100.00%	0.00%	0.00%	778	754	766
	Pune	0.00%	100.00%	0.00%	0.00%	795	735	774
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	781	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	773	785
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	784	756	769
	Seoni	0.00%	100.00%	0.00%	0.00%	788	753	776
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	765
Solapur	0.00%	98.07%	1.93%	1.93%	805	758	788	
Tamnar	0.00%	100.00%	0.00%	0.00%	800	782	793	
Tirora	0.00%	100.00%	0.00%	0.00%	770	751	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	756	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	758	768	
Wardha	0.00%	100.00%	0.00%	0.00%	800	754	782	
SR	Kurnool	0.00%	96.55%	3.45%	3.45%	809	765	787
	Nellore PS	0.00%	99.99%	0.01%	0.01%	800	768	787
	Raichur	0.00%	97.75%	2.25%	2.25%	808	766	788
	Nizamabad	0.00%	97.81%	2.19%	2.19%	805	757	785
	Srikakulam	0.00%	99.67%	0.33%	0.33%	809	746	774
	Thiruvallam	0.00%	62.62%	37.38%	37.38%	825	775	797
	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	747	768
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	743	769
	Gaya	0.00%	100.00%	0.00%	0.00%	784	760	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	770	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	736	756
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	99.99%	0.01%	0.01%	422	398	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	387	405
	Misa (400 kV)	0.00%	97.54%	2.46%	2.46%	424	404	415
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	410	410	410
	Biswanath Chariali (400 kV)	0.00%	99.98%	0.02%	0.02%	423	397	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	409

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