

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
06-May-2019 to 12-May-2019

Date: 17-May-2019

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	31	7.75	4.61
4	NEW-SR	3	0.75	0.45
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	1	0.25	0.15
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	0.15
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 06-May-2019 to 12-May-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%	99.89%	0.11%	0.11%	804	757	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	759	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	758	768
	Anta	0.00%	100.00%	0.00%	0.00%	798	762	787
	Ballia	0.00%	100.00%	0.00%	0.00%	799	736	777
	Bhiwani	0.00%	99.46%	0.54%	0.54%	803	756	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	737	771
	Greater Noida	0.00%	99.98%	0.02%	0.02%	801	760	781
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	749	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	750	776
	Lucknow	0.00%	99.72%	0.28%	0.28%	805	745	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	759	774
	Meerut	0.00%	99.97%	0.03%	0.03%	800	753	781
	Moga	0.00%	100.00%	0.00%	0.00%	792	751	772
	Phagi	0.00%	100.00%	0.00%	0.00%	800	757	783
	Varanasi	0.00%	99.98%	0.02%	0.02%	802	744	778
Unnao	0.00%	100.00%	0.00%	0.00%	779	734	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	756	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	762	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	756	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	769	779
	Bina	0.00%	100.00%	0.00%	0.00%	798	766	783
	Champa	0.00%	75.27%	24.73%	24.73%	806	786	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	773	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	781	781
	Gwalior	0.00%	99.84%	0.16%	0.16%	803	758	783
	Indore	0.00%	100.00%	0.00%	0.00%	788	759	776
	Jabalpur	0.00%	98.81%	1.19%	1.19%	803	771	787
	Koradi	0.00%	100.00%	0.00%	0.00%	772	752	762
	Pune	0.00%	100.00%	0.00%	0.00%	794	747	776
	Raigarh Pooling	0.00%	92.50%	7.50%	7.50%	804	772	796
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	776	783
	Sasan	0.00%	100.00%	0.00%	0.00%	779	762	771
	Satna	0.00%	100.00%	0.00%	0.00%	789	761	776
	Seoni	0.00%	100.00%	0.00%	0.00%	796	776	786
	Sipat	0.00%	100.00%	0.00%	0.00%	786	770	777
	Solapur	0.00%	87.73%	12.27%	12.27%	808	766	792
	Tamnar	0.00%	76.43%	23.57%	23.57%	805	790	798
Tirora	0.00%	100.00%	0.00%	0.00%	766	749	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	760	772	
Wardha	0.00%	100.00%	0.00%	0.00%	794	760	788	
SR	Kurnool	0.00%	99.87%	0.13%	0.13%	802	750	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	750	777
	Raichur	0.00%	99.90%	0.10%	0.10%	803	756	783
	Nizamabad	0.00%	83.10%	16.90%	16.90%	808	769	791
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	760	781
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	760	781
Vemagiri	0.00%	100.00%	0.00%	0.00%	778	742	764	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	769	784
	Gaya	0.00%	100.00%	0.00%	0.00%	799	729	766
	Jharsuguda	0.00%	77.12%	22.88%	22.88%	808	784	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	764	779
Sasaram	0.00%	100.00%	0.00%	0.00%	780	735	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	389	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	392	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	409	413
	Misa (400 kV)	0.00%	99.88%	0.12%	0.12%	420	395	406
	Ranganadi (400 kV)	0.00%	90.45%	9.55%	9.55%	428	398	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	388	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	406

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