

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
08-Apr-2019 to 14-Apr-2019

Date: 18-Apr-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	18	4.50	2.68
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 08-Apr-2019 to 14-Apr-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%	798	762	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	753	762
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	750	760
	Anta	0.00%	100.00%	0.00%	0.00%	795	772	784
	Ballia	0.00%	100.00%	0.00%	0.00%	788	742	766
	Bhiwani	0.00%	93.77%	6.23%	6.23%	806	763	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	741	760
	Greater Noida	0.00%	95.97%	4.03%	4.03%	805	768	790
	Jhatikara	0.00%	98.35%	1.65%	1.65%	804	763	786
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	751	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	750	773
	Lalitpur	0.00%	100.00%	0.00%	0.00%	792	767	782
	Meerut	0.00%	94.00%	6.00%	6.00%	806	765	790
	Moga	0.00%	100.00%	0.00%	0.00%	799	763	782
	Phagi	0.00%	99.78%	0.22%	0.22%	800	770	786
	Varanasi	0.00%	100.00%	0.00%	0.00%	788	752	771
Unnao	0.00%	100.00%	0.00%	0.00%	772	731	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	744	769
	Aurangabad	0.00%	99.92%	0.08%	0.08%	801	763	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	761	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	769	776
	Bina	0.00%	100.00%	0.00%	0.00%	792	771	782
	Champa	0.00%	99.37%	0.17%	0.17%	802	788	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	773	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	781	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	766	784
	Indore	0.00%	100.00%	0.00%	0.00%	785	755	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	774	784
	Koradi	0.00%	100.00%	0.00%	0.00%	772	751	761
	Pune	0.00%	99.76%	0.00%	0.00%	800	746	776
	Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	788	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	775	783
	Sasan	0.00%	100.00%	0.00%	0.00%	778	765	771
	Satna	0.00%	100.00%	0.00%	0.00%	785	767	777
	Seoni	0.00%	100.00%	0.00%	0.00%	792	740	780
	Sipat	0.00%	100.00%	0.00%	0.00%	781	770	775
	Solapur	0.01%	99.09%	0.90%	0.91%	807	727	787
	Tamnar	0.00%	99.88%	0.12%	0.12%	801	789	795
Tirora	0.00%	100.00%	0.00%	0.00%	768	750	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	757	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	757	772	
Wardha	0.00%	100.00%	0.00%	0.00%	792	757	784	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	751	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	748	773
	Raichur	0.00%	100.00%	0.00%	0.00%	798	755	779
	Nizamabad	0.00%	93.58%	6.42%	6.42%	808	774	790
	Srikakulam	0.00%	100.00%	0.00%	0.00%	787	765	777
	Thiruvalam	0.00%	95.45%	4.55%	4.55%	805	764	780
	Vemagiri	0.00%	100.00%	0.00%	0.00%	775	747	762
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	768	776
	Gaya	0.00%	100.00%	0.00%	0.00%	783	746	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	783	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	768	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	771	736	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	389	400
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	406
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	406	410
	Misa (400 kV)	0.00%	96.54%	3.46%	3.46%	422	397	409
	Ranganadi (400 kV)	0.00%	67.43%	32.57%	32.57%	428	399	417
	Biswanath Chariali (400 kV)	0.02%	99.98%	0.00%	0.02%	419	373	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405

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