

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
19-Mar-2018 to 25-Mar-2018

Date: 29/Mar/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	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 19-Mar-2018 to 25-Mar-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%	793	759	777
	Anpara-C	0.00%	100.00%	14.29%	14.29%	787	764	774
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	760	773
	Anta	0.00%	100.00%	0.00%	0.00%	791	768	779
	Ballia	0.00%	100.00%	0.00%	0.00%	785	749	766
	Bhiwani	0.00%	98.97%	1.03%	1.03%	806	774	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	738	765
	Greater Noida	0.00%	98.92%	1.08%	1.08%	804	763	787
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	766	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	777	754	758
	Lucknow	0.00%	99.98%	0.02%	0.02%	801	754	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	747	772
	Meerut	0.00%	83.99%	12.45%	12.45%	818	773	792
	Moga	0.00%	97.08%	2.92%	2.92%	809	763	784
	Phagi	0.00%	100.00%	0.00%	0.00%	797	768	783
Varanasi	0.00%	99.49%	0.51%	0.51%	803	754	778	
Unnao	0.00%	100.00%	0.00%	0.00%	785	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	749	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	761	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	750	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	755	766
	Bina	0.00%	100.00%	0.00%	0.00%	787	758	773
	Champa	0.00%	100.00%	0.00%	0.00%	798	779	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	760	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	758	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	751	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	762	778
	Indore	0.00%	100.00%	0.00%	0.00%	792	751	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	761	779
	Koradi	0.00%	100.00%	0.00%	0.00%	776	754	767
	Pune	0.00%	100.00%	0.00%	0.00%	789	739	769
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	782	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	782	786
	Sasan	0.00%	100.00%	0.00%	0.00%	772	759	765
	Satna	0.00%	100.00%	0.00%	0.00%	777	756	766
	Seoni	0.00%	100.00%	0.00%	0.00%	790	766	778
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	763
Solapur	0.00%	99.97%	0.03%	0.03%	801	768	786	
Tamnar	0.00%	100.00%	0.00%	0.00%	798	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	771	753	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	755	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	759	766	
Wardha	0.00%	99.93%	0.07%	0.07%	800	769	785	
SR	Kurnool	0.00%	98.87%	1.13%	1.13%	808	754	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	757	779
	Raichur	0.00%	99.50%	0.50%	0.50%	804	762	783
	Nizamabad	0.00%	96.11%	3.89%	3.89%	801	763	783
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	767	782
	Thiruvalem	0.00%	95.34%	4.66%	4.66%	808	758	782
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	760	777
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	765	778
	Gaya	0.00%	100.00%	0.00%	0.00%	798	747	771
	Jharsuguda	0.00%	99.99%	0.01%	0.01%	800	774	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	762	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	744	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	408
	Bongaigaon TPS (400 kV)	0.00%	97.11%	2.89%	2.89%	424	403	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	Palatana (400 kV)	0.00%	96.34%	3.23%	3.23%	421	412	405
	Misa (400 kV)	0.00%	96.48%	3.52%	3.52%	423	398	411
	Ranganadi (400 kV)	0.00%	99.97%	0.03%	0.03%	421	388	406
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	391	404
	Silchar (400 kV)	0.00%	99.21%	0.79%	0.79%	421	401	412

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