

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
12-Mar-2018 to 18-Mar-2018

Date: 23/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 12-Mar-2018 to 18-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%	797	761	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	769	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	767	773
	Anta	0.00%	100.00%	0.00%	0.00%	798	769	781
	Ballia	0.00%	100.00%	0.00%	0.00%	792	755	775
	Bhiwani	0.00%	99.25%	0.75%	0.75%	803	773	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	738	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	742	769
	Greater Noida	0.00%	93.69%	6.31%	6.31%	809	773	789
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	766	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	781	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	764	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	765	772
	Meerut	0.00%	92.02%	6.50%	6.50%	811	774	790
	Moga	0.00%	99.68%	0.32%	0.32%	802	758	780
	Phagi	0.00%	100.00%	0.00%	0.00%	799	768	781
Varanasi	0.00%	99.95%	0.05%	0.05%	800	760	779	
Unnao	0.00%	100.00%	0.00%	0.00%	780	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	757	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	762	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	753	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	757	764
	Bina	0.00%	100.00%	0.00%	0.00%	789	762	775
	Champa	0.00%	99.99%	0.00%	0.00%	800	777	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	765	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	760	779
	Ektuni	0.00%	100.00%	0.00%	0.00%	788	757	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	762	779
	Indore	0.00%	100.00%	0.00%	0.00%	786	754	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	766	778
	Koradi	0.00%	100.00%	0.00%	0.00%	778	757	767
	Pune	0.00%	100.00%	0.00%	0.00%	800	740	771
	Raigarh Pooling	0.00%	98.82%	1.18%	1.18%	802	784	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	779	787
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	766
	Satna	0.00%	100.00%	0.00%	0.00%	781	757	768
	Seoni	0.00%	100.00%	0.00%	0.00%	790	768	779
	Sipat	0.00%	100.00%	0.00%	0.00%	768	756	762
Solapur	0.00%	99.00%	1.00%	1.00%	804	768	789	
Tamnar	0.00%	99.48%	0.52%	0.52%	801	784	792	
Tirora	0.00%	100.00%	0.00%	0.00%	772	756	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	761	768	
Wardha	0.00%	99.99%	0.01%	0.01%	799	774	787	
SR	Kurnool	0.00%	94.03%	5.97%	5.97%	808	764	787
	Nellore PS	0.00%	99.51%	0.49%	0.49%	802	763	785
	Raichur	0.00%	98.34%	1.66%	1.66%	804	769	787
	Nizamabad	0.00%	96.13%	3.87%	3.87%	806	764	788
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	759	784
	Thiruvalem	0.00%	100.00%	0.00%	0.00%	799	763	784
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	746	780
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	767	780
	Gaya	0.00%	100.00%	0.00%	0.00%	792	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	766	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	740	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Palatana (400 kV)	0.00%	82.53%	16.52%	16.52%	422	413	405
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	420	400	411
	Ranganadi (400 kV)	0.00%	99.94%	0.06%	0.06%	421	389	407
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	412

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